



Method Proficiency Testing Report Regular Program

Sample # 201622
Lamb Feed, Medicated

Labs Reporting: 192
Issue Date : 03/31/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
000.02	Urea, As protein, Colorimetric (%)	0875	0.53500	0.07000	1.3988	0.89392	0.04750	4	-0.97	31%	0
000.02	Urea, As protein, Colorimetric (%)	0613	0.95500	0.11000	1.3988	0.89392	0.04750	4	-0.50	16%	0
000.02	Urea, As protein, Colorimetric (%)	0019	1.5050	0.01000	1.3988	0.89392	0.04750	4	0.12	4%	0
000.02	Urea, As protein, Colorimetric (%)	0278	2.6000	0.00000	1.3988	0.89392	0.04750	4	1.34	43%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2106	6.7600	0.66000	8.9720	0.64896	0.19186	7	-3.41	12%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	8.6500	0.34000	8.9720	0.64896	0.19186	7	-0.50	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	8.6650	0.05000	8.9720	0.64896	0.19186	7	-0.47	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	9.1125	0.05700	8.9720	0.64896	0.19186	7	0.22	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	9.3250	0.05000	8.9720	0.64896	0.19186	7	0.54	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	9.3530	0.02600	8.9720	0.64896	0.19186	7	0.59	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	9.7000	0.16000	8.9720	0.64896	0.19186	7	1.12	4%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.2000	0.04000	9.3150	0.13314	0.02200	5	-0.86	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	9.2350	0.01000	9.3150	0.13314	0.02200	5	-0.60	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	9.2900	0.04000	9.3150	0.13314	0.02200	5	-0.19	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	9.3100	0.02000	9.3150	0.13314	0.02200	5	-0.04	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0937	9.5400	0.00000	9.3150	0.13314	0.02200	5	1.69	1%	0
001.05	Loss on Drying, LECO (%)	0610	9.1400	0.02000				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	8.2500	0.10000	9.1914	0.28467	0.11568	35	-3.31	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	8.7350	0.35000	9.1914	0.28467	0.11568	35	-1.60	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	8.7450	0.23000	9.1914	0.28467	0.11568	35	-1.57	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	8.8500	0.30000	9.1914	0.28467	0.11568	35	-1.20	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.8700	0.00000	9.1914	0.28467	0.11568	35	-1.13	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.9200	0.06000	9.1914	0.28467	0.11568	35	-0.95	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	8.9350	0.01000	9.1914	0.28467	0.11568	35	-0.90	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	8.9735	0.68300	9.1914	0.28467	0.11568	35	-0.77	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	9.0050	0.01000	9.1914	0.28467	0.11568	35	-0.65	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.0100	0.12000	9.1914	0.28467	0.11568	35	-0.64	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	9.0250	0.01000	9.1914	0.28467	0.11568	35	-0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.0400	0.06000	9.1914	0.28467	0.11568	35	-0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.0450	0.05000	9.1914	0.28467	0.11568	35	-0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	9.1400	0.20000	9.1914	0.28467	0.11568	35	-0.18	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0065	9.1675	0.01500	9.1914	0.28467	0.11568	35	-0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	9.1850	0.09000	9.1914	0.28467	0.11568	35	-0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	9.2050	0.01000	9.1914	0.28467	0.11568	35	0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	9.2223	0.01840	9.1914	0.28467	0.11568	35	0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	9.2250	0.07000	9.1914	0.28467	0.11568	35	0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	9.2350	0.01000	9.1914	0.28467	0.11568	35	0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	9.2650	0.05000	9.1914	0.28467	0.11568	35	0.26	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	9.2650	0.09000	9.1914	0.28467	0.11568	35	0.26	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	9.2700	0.02000	9.1914	0.28467	0.11568	35	0.28	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.3000	0.00000	9.1914	0.28467	0.11568	35	0.38	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	9.3800	0.02000	9.1914	0.28467	0.11568	35	0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	9.3812	0.02730	9.1914	0.28467	0.11568	35	0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.3850	0.11000	9.1914	0.28467	0.11568	35	0.68	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	9.3900	0.08000	9.1914	0.28467	0.11568	35	0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0592	9.4025	0.00500	9.1914	0.28467	0.11568	35	0.74	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	9.4050	0.03000	9.1914	0.28467	0.11568	35	0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.5000	0.20000	9.1914	0.28467	0.11568	35	1.08	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.5550	0.01000	9.1914	0.28467	0.11568	35	1.28	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.6350	0.41000	9.1914	0.28467	0.11568	35	1.56	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.7100	0.50000	9.1914	0.28467	0.11568	35	1.82	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	9.9400	0.10000	9.1914	0.28467	0.11568	35	2.63	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	8.6650	0.97000	9.1914	0.28467	0.11568	35	-1.85	3%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	9.0500	0.90000	9.1914	0.28467	0.11568	35	-0.50	1%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	6.1550	0.01000	9.1914	0.28467	0.11568	35	-10.67	17%	2
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	9.2100	0.04000				2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	9.4000	0.00000				2			0
001.99	Loss on Drying, Miscellaneous (%)	0618	7.4355	0.00900	8.9718	0.34582	0.05539	16	-4.44	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	8.4200	0.02000	8.9718	0.34582	0.05539	16	-1.60	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.7700	0.06000	8.9718	0.34582	0.05539	16	-0.58	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.8000	0.20000	8.9718	0.34582	0.05539	16	-0.50	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	8.8050	0.11000	8.9718	0.34582	0.05539	16	-0.48	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	8.8500	0.00000	8.9718	0.34582	0.05539	16	-0.35	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	8.8950	0.15000	8.9718	0.34582	0.05539	16	-0.22	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0644	8.9000	0.00000	8.9718	0.34582	0.05539	16	-0.21	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	8.9300	0.08000	8.9718	0.34582	0.05539	16	-0.12	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	9.0000	0.02000	8.9718	0.34582	0.05539	16	0.08	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	9.0600	0.04000	8.9718	0.34582	0.05539	16	0.26	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	9.1250	0.07000	8.9718	0.34582	0.05539	16	0.44	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.2200	0.02000	8.9718	0.34582	0.05539	16	0.72	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	9.3063	0.06730	8.9718	0.34582	0.05539	16	0.97	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	9.6550	0.03000	8.9718	0.34582	0.05539	16	1.98	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	9.7750	0.01000	8.9718	0.34582	0.05539	16	2.32	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.00	Protein, Crude (%)	2127	26.340	0.10000	27.249	0.93599	0.49800	5	-0.97	2%	0
002.00	Protein, Crude (%)	0940	26.490	0.72000	27.249	0.93599	0.49800	5	-0.81	1%	0
002.00	Protein, Crude (%)	0169	27.155	0.17000	27.249	0.93599	0.49800	5	-0.10	0%	0
002.00	Protein, Crude (%)	0028	27.610	0.40000	27.249	0.93599	0.49800	5	0.39	1%	0
002.00	Protein, Crude (%)	0581	28.650	1.1000	27.249	0.93599	0.49800	5	1.50	3%	0
002.01	Protein, Auto Kjehl-Foss (%)	0889	26.695	0.19000	27.309	0.23408	0.13942	11	-2.62	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0152	27.000	0.20000	27.309	0.23408	0.13942	11	-1.32	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0968	27.217	0.02500	27.309	0.23408	0.13942	11	-0.39	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0653	27.225	0.03000	27.309	0.23408	0.13942	11	-0.36	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0043	27.310	0.32000	27.309	0.23408	0.13942	11	0.00	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0685	27.320	0.00000	27.309	0.23408	0.13942	11	0.05	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0662	27.348	0.00860	27.309	0.23408	0.13942	11	0.17	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0652	27.400	0.20000	27.309	0.23408	0.13942	11	0.39	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0723	27.420	0.00000	27.309	0.23408	0.13942	11	0.47	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0164	27.600	0.16000	27.309	0.23408	0.13942	11	1.24	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0610	27.600	0.40000	27.309	0.23408	0.13942	11	1.24	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	25.795	0.19000	26.938	1.0560	0.11807	3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	27.140	0.08000	26.938	1.0560	0.11807	3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	27.878	0.08420	26.938	1.0560	0.11807	3			0
002.04	Protein, Copper Catalyst (%)	0405	25.200	0.00000	27.320	0.81580	0.25167	6	-2.60	4%	0
002.04	Protein, Copper Catalyst (%)	0638	27.095	0.69000	27.320	0.81580	0.25167	6	-0.28	0%	0
002.04	Protein, Copper Catalyst (%)	0728	27.330	0.22000	27.320	0.81580	0.25167	6	0.01	0%	0
002.04	Protein, Copper Catalyst (%)	2057	27.375	0.31000	27.320	0.81580	0.25167	6	0.07	0%	0
002.04	Protein, Copper Catalyst (%)	0504	27.815	0.15000	27.320	0.81580	0.25167	6	0.61	1%	0
002.04	Protein, Copper Catalyst (%)	0187	28.210	0.14000	27.320	0.81580	0.25167	6	1.09	2%	0
002.04	Protein, Copper Catalyst (%)	0874	27.670	1.7000	27.320	0.81580	0.25167	6	0.43	1%	1
002.05	Protein, Copper, Boric Acid (%)	0674	26.570	0.06000	27.083	0.30613	0.12218	27	-1.67	1%	0
002.05	Protein, Copper, Boric Acid (%)	2106	26.690	0.38000	27.083	0.30613	0.12218	27	-1.28	1%	0
002.05	Protein, Copper, Boric Acid (%)	0596	26.720	0.10000	27.083	0.30613	0.12218	27	-1.18	1%	0
002.05	Protein, Copper, Boric Acid (%)	2068	26.775	0.03000	27.083	0.30613	0.12218	27	-1.01	1%	0
002.05	Protein, Copper, Boric Acid (%)	0885	26.819	0.12880	27.083	0.30613	0.12218	27	-0.86	0%	0
002.05	Protein, Copper, Boric Acid (%)	0552	26.820	0.02000	27.083	0.30613	0.12218	27	-0.86	0%	0
002.05	Protein, Copper, Boric Acid (%)	0722	26.823	0.08990	27.083	0.30613	0.12218	27	-0.85	0%	0
002.05	Protein, Copper, Boric Acid (%)	2097	26.903	0.03100	27.083	0.30613	0.12218	27	-0.59	0%	0
002.05	Protein, Copper, Boric Acid (%)	2009	26.960	0.06830	27.083	0.30613	0.12218	27	-0.40	0%	0
002.05	Protein, Copper, Boric Acid (%)	2006	26.965	0.33000	27.083	0.30613	0.12218	27	-0.38	0%	0
002.05	Protein, Copper, Boric Acid (%)	0675	26.985	0.15000	27.083	0.30613	0.12218	27	-0.32	0%	0
002.05	Protein, Copper, Boric Acid (%)	2012	27.000	0.08000	27.083	0.30613	0.12218	27	-0.27	0%	0
002.05	Protein, Copper, Boric Acid (%)	0952	27.035	0.21000	27.083	0.30613	0.12218	27	-0.16	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	27.060	0.04000	27.083	0.30613	0.12218	27	-0.07	0%	0
002.05	Protein, Copper, Boric Acid (%)	0620	27.072	0.09240	27.083	0.30613	0.12218	27	-0.03	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	27.100	0.00000	27.083	0.30613	0.12218	27	0.06	0%	0

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002.05	Protein, Copper, Boric Acid (%)	0955	27.100	0.00000	27.083	0.30613	0.12218	27	0.06	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	27.215	0.01000	27.083	0.30613	0.12218	27	0.43	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	27.240	0.04000	27.083	0.30613	0.12218	27	0.51	0%	0
002.05	Protein, Copper, Boric Acid (%)	0622	27.288	0.24240	27.083	0.30613	0.12218	27	0.67	0%	0
002.05	Protein, Copper, Boric Acid (%)	0852	27.300	0.20000	27.083	0.30613	0.12218	27	0.71	0%	0
002.05	Protein, Copper, Boric Acid (%)	0689	27.350	0.30000	27.083	0.30613	0.12218	27	0.87	0%	0
002.05	Protein, Copper, Boric Acid (%)	0937	27.370	0.20000	27.083	0.30613	0.12218	27	0.94	1%	0
002.05	Protein, Copper, Boric Acid (%)	0868	27.395	0.25000	27.083	0.30613	0.12218	27	1.02	1%	0
002.05	Protein, Copper, Boric Acid (%)	0651	27.694	0.14600	27.083	0.30613	0.12218	27	2.00	1%	0
002.05	Protein, Copper, Boric Acid (%)	0893	27.715	0.01000	27.083	0.30613	0.12218	27	2.07	1%	0
002.05	Protein, Copper, Boric Acid (%)	2073	27.785	0.09000	27.083	0.30613	0.12218	27	2.29	1%	0
002.05	Protein, Copper, Boric Acid (%)	0015	27.660	1.1200	27.083	0.30613	0.12218	27	1.89	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	26.115	0.13000	27.713	0.30162	0.22944	121	-5.30	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	26.611	0.67600	27.713	0.30162	0.22944	121	-3.65	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	26.635	0.19000	27.713	0.30162	0.22944	121	-3.57	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	26.974	0.14900	27.713	0.30162	0.22944	121	-2.45	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	27.030	0.12000	27.713	0.30162	0.22944	121	-2.26	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	27.200	0.40000	27.713	0.30162	0.22944	121	-1.70	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0868	27.230	0.06000	27.713	0.30162	0.22944	121	-1.60	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	27.245	0.01000	27.713	0.30162	0.22944	121	-1.55	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	27.248	0.42900	27.713	0.30162	0.22944	121	-1.54	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	27.255	0.15000	27.713	0.30162	0.22944	121	-1.52	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	27.290	0.12000	27.713	0.30162	0.22944	121	-1.40	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	27.315	0.11000	27.713	0.30162	0.22944	121	-1.32	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	27.325	0.15000	27.713	0.30162	0.22944	121	-1.29	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	27.340	0.04000	27.713	0.30162	0.22944	121	-1.24	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	27.356	0.35070	27.713	0.30162	0.22944	121	-1.18	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	27.375	0.25000	27.713	0.30162	0.22944	121	-1.12	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	27.400	0.40000	27.713	0.30162	0.22944	121	-1.04	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	27.400	0.00000	27.713	0.30162	0.22944	121	-1.04	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	27.405	0.15000	27.713	0.30162	0.22944	121	-1.02	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	27.430	0.04000	27.713	0.30162	0.22944	121	-0.94	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	27.435	0.31000	27.713	0.30162	0.22944	121	-0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	27.450	0.10000	27.713	0.30162	0.22944	121	-0.87	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	27.450	0.30000	27.713	0.30162	0.22944	121	-0.87	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	27.455	0.11000	27.713	0.30162	0.22944	121	-0.85	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	27.465	0.41000	27.713	0.30162	0.22944	121	-0.82	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	27.480	0.36570	27.713	0.30162	0.22944	121	-0.77	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	27.490	0.00000	27.713	0.30162	0.22944	121	-0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	27.490	0.30000	27.713	0.30162	0.22944	121	-0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	27.495	0.05000	27.713	0.30162	0.22944	121	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	27.500	0.60000	27.713	0.30162	0.22944	121	-0.71	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	27.500	0.40000	27.713	0.30162	0.22944	121	-0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	27.505	0.11000	27.713	0.30162	0.22944	121	-0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	27.505	0.33000	27.713	0.30162	0.22944	121	-0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	27.550	0.30000	27.713	0.30162	0.22944	121	-0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	27.551	0.26500	27.713	0.30162	0.22944	121	-0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	27.555	0.01000	27.713	0.30162	0.22944	121	-0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	27.589	0.00800	27.713	0.30162	0.22944	121	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	27.590	0.08000	27.713	0.30162	0.22944	121	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	27.590	0.38000	27.713	0.30162	0.22944	121	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	27.595	0.01000	27.713	0.30162	0.22944	121	-0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	27.595	0.87000	27.713	0.30162	0.22944	121	-0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	27.595	0.27000	27.713	0.30162	0.22944	121	-0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	27.600	0.02000	27.713	0.30162	0.22944	121	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	27.600	0.56000	27.713	0.30162	0.22944	121	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	27.600	0.00000	27.713	0.30162	0.22944	121	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	27.605	0.01000	27.713	0.30162	0.22944	121	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	27.605	0.83000	27.713	0.30162	0.22944	121	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	27.635	0.09000	27.713	0.30162	0.22944	121	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	27.640	0.46000	27.713	0.30162	0.22944	121	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	27.650	0.36000	27.713	0.30162	0.22944	121	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	27.650	0.30000	27.713	0.30162	0.22944	121	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	27.650	0.42000	27.713	0.30162	0.22944	121	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	27.650	0.70000	27.713	0.30162	0.22944	121	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0168	27.653	0.14400	27.713	0.30162	0.22944	121	-0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	27.660	0.04000	27.713	0.30162	0.22944	121	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	27.660	0.02000	27.713	0.30162	0.22944	121	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0065	27.667	0.02060	27.713	0.30162	0.22944	121	-0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	27.700	0.00000	27.713	0.30162	0.22944	121	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	27.715	0.01000	27.713	0.30162	0.22944	121	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	27.720	0.12000	27.713	0.30162	0.22944	121	0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	27.720	0.02000	27.713	0.30162	0.22944	121	0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2003	27.730	0.06000	27.713	0.30162	0.22944	121	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	27.732	0.09600	27.713	0.30162	0.22944	121	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	27.750	0.30000	27.713	0.30162	0.22944	121	0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	27.750	0.30000	27.713	0.30162	0.22944	121	0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	27.750	0.00000	27.713	0.30162	0.22944	121	0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	27.760	0.32000	27.713	0.30162	0.22944	121	0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	27.770	0.36000	27.713	0.30162	0.22944	121	0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	27.774	0.26500	27.713	0.30162	0.22944	121	0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	27.777	0.01000	27.713	0.30162	0.22944	121	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	27.785	0.35000	27.713	0.30162	0.22944	121	0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	27.790	0.18000	27.713	0.30162	0.22944	121	0.26	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	27.800	0.20000	27.713	0.30162	0.22944	121	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	27.803	0.09500	27.713	0.30162	0.22944	121	0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	27.805	0.05000	27.713	0.30162	0.22944	121	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	27.805	0.13000	27.713	0.30162	0.22944	121	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	27.810	0.06000	27.713	0.30162	0.22944	121	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	27.812	0.10500	27.713	0.30162	0.22944	121	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	27.825	0.17000	27.713	0.30162	0.22944	121	0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	27.825	0.73000	27.713	0.30162	0.22944	121	0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	27.845	0.09000	27.713	0.30162	0.22944	121	0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	27.845	0.15000	27.713	0.30162	0.22944	121	0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	27.850	0.10000	27.713	0.30162	0.22944	121	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	27.855	0.41000	27.713	0.30162	0.22944	121	0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	27.859	0.38000	27.713	0.30162	0.22944	121	0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	27.870	0.06000	27.713	0.30162	0.22944	121	0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	27.875	0.01000	27.713	0.30162	0.22944	121	0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	27.888	0.44900	27.713	0.30162	0.22944	121	0.58	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	27.895	0.03000	27.713	0.30162	0.22944	121	0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	27.900	0.20000	27.713	0.30162	0.22944	121	0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	27.905	0.21000	27.713	0.30162	0.22944	121	0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	27.920	0.02000	27.713	0.30162	0.22944	121	0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	27.923	0.25500	27.713	0.30162	0.22944	121	0.70	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	27.930	0.12000	27.713	0.30162	0.22944	121	0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	27.930	0.80000	27.713	0.30162	0.22944	121	0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	27.955	0.15000	27.713	0.30162	0.22944	121	0.80	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	27.955	0.55000	27.713	0.30162	0.22944	121	0.80	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	27.965	0.15000	27.713	0.30162	0.22944	121	0.84	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	27.970	0.36000	27.713	0.30162	0.22944	121	0.85	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	27.985	0.39000	27.713	0.30162	0.22944	121	0.90	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	27.985	0.11000	27.713	0.30162	0.22944	121	0.90	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	28.000	0.00000	27.713	0.30162	0.22944	121	0.95	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	28.030	0.52000	27.713	0.30162	0.22944	121	1.05	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	28.041	0.08400	27.713	0.30162	0.22944	121	1.09	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	28.050	0.10000	27.713	0.30162	0.22944	121	1.12	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	28.050	0.10000	27.713	0.30162	0.22944	121	1.12	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	28.065	0.32500	27.713	0.30162	0.22944	121	1.17	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	28.075	0.41000	27.713	0.30162	0.22944	121	1.20	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	28.080	0.04000	27.713	0.30162	0.22944	121	1.22	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	28.095	0.31000	27.713	0.30162	0.22944	121	1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2095	28.120	0.28000	27.713	0.30162	0.22944	121	1.35	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	28.150	0.90000	27.713	0.30162	0.22944	121	1.45	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	28.165	0.01000	27.713	0.30162	0.22944	121	1.50	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	28.175	0.03000	27.713	0.30162	0.22944	121	1.53	1%	0

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002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	28.265	0.17000	27.713	0.30162	0.22944	121	1.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0013	28.315	0.13000	27.713	0.30162	0.22944	121	2.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	28.415	0.21000	27.713	0.30162	0.22944	121	2.33	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	28.470	0.22000	27.713	0.30162	0.22944	121	2.51	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	28.515	0.37000	27.713	0.30162	0.22944	121	2.66	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	28.525	0.77000	27.713	0.30162	0.22944	121	2.69	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	29.770	0.38000	27.713	0.30162	0.22944	121	6.82	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	28.275	1.1100	27.713	0.30162	0.22944	121	1.86	1%	1
002.08	Protein, Cu/Ti (%)	0098	27.170	0.10000				2			0
002.08	Protein, Cu/Ti (%)	0563	27.170	0.06710				2			0
002.10	Protein, Block dig/distillation (%)	0629	27.730	0.10000				1			0
002.11	Protein, NIR (%)	2121	26.935	0.35000	28.232	1.3312	0.28500	10	-0.97	2%	0
002.11	Protein, NIR (%)	0852	27.165	0.05000	28.232	1.3312	0.28500	10	-0.80	2%	0
002.11	Protein, NIR (%)	0596	27.270	0.16000	28.232	1.3312	0.28500	10	-0.72	2%	0
002.11	Protein, NIR (%)	0553	27.405	0.51000	28.232	1.3312	0.28500	10	-0.62	1%	0
002.11	Protein, NIR (%)	0034	27.505	0.17000	28.232	1.3312	0.28500	10	-0.55	1%	0
002.11	Protein, NIR (%)	0613	27.960	0.12000	28.232	1.3312	0.28500	10	-0.20	0%	0
002.11	Protein, NIR (%)	0889	29.150	0.44000	28.232	1.3312	0.28500	10	0.69	2%	0
002.11	Protein, NIR (%)	2120	29.235	0.05000	28.232	1.3312	0.28500	10	0.75	2%	0
002.11	Protein, NIR (%)	0297	29.470	0.74000	28.232	1.3312	0.28500	10	0.93	2%	0
002.11	Protein, NIR (%)	0720	30.520	0.26000	28.232	1.3312	0.28500	10	1.72	4%	0
002.99	Protein, Miscellaneous (%)	0643	26.875	0.59000	27.192	0.33942	0.26333	3			0
002.99	Protein, Miscellaneous (%)	0644	27.150	0.10000	27.192	0.33942	0.26333	3			0
002.99	Protein, Miscellaneous (%)	2004	27.550	0.10000	27.192	0.33942	0.26333	3			0
003.00	Fat, Eth Ext., Direct (%)	0876	3.9850	0.01000	5.3286	0.30553	0.17557	14	-4.40	13%	0
003.00	Fat, Eth Ext., Direct (%)	2106	4.9500	0.22000	5.3286	0.30553	0.17557	14	-1.24	4%	0
003.00	Fat, Eth Ext., Direct (%)	0884	4.9500	0.10000	5.3286	0.30553	0.17557	14	-1.24	4%	0
003.00	Fat, Eth Ext., Direct (%)	0142	5.2050	0.07000	5.3286	0.30553	0.17557	14	-0.40	1%	0
003.00	Fat, Eth Ext., Direct (%)	0026	5.2550	0.35000	5.3286	0.30553	0.17557	14	-0.24	1%	0
003.00	Fat, Eth Ext., Direct (%)	0345	5.2750	0.05000	5.3286	0.30553	0.17557	14	-0.18	1%	0
003.00	Fat, Eth Ext., Direct (%)	0175	5.3450	0.03000	5.3286	0.30553	0.17557	14	0.05	0%	0
003.00	Fat, Eth Ext., Direct (%)	0354	5.4000	0.06000	5.3286	0.30553	0.17557	14	0.23	1%	0
003.00	Fat, Eth Ext., Direct (%)	0065	5.4163	0.04750	5.3286	0.30553	0.17557	14	0.29	1%	0
003.00	Fat, Eth Ext., Direct (%)	0615	5.4400	0.04000	5.3286	0.30553	0.17557	14	0.36	1%	0
003.00	Fat, Eth Ext., Direct (%)	2053	5.4850	0.01000	5.3286	0.30553	0.17557	14	0.51	1%	0
003.00	Fat, Eth Ext., Direct (%)	0309	5.5641	0.76760	5.3286	0.30553	0.17557	14	0.77	2%	0
003.00	Fat, Eth Ext., Direct (%)	0885	5.6579	0.70290	5.3286	0.30553	0.17557	14	1.08	3%	0
003.00	Fat, Eth Ext., Direct (%)	0596	5.9100	0.00000	5.3286	0.30553	0.17557	14	1.90	5%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	4.6000	0.24000				2			0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0563	5.2487	0.04350				2			0
003.06	Fat, Pet Ether (%)	0687	4.9050	0.21000	5.2221	0.26712	0.08897	16	-1.19	3%	0
003.06	Fat, Pet Ether (%)	0552	4.9300	0.00000	5.2221	0.26712	0.08897	16	-1.09	3%	0

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003.06	Fat, Pet Ether (%)	0425	4.9550	0.13000	5.2221	0.26712	0.08897	16	-1.00	3%	0
003.06	Fat, Pet Ether (%)	0148	5.0000	0.00000	5.2221	0.26712	0.08897	16	-0.83	2%	0
003.06	Fat, Pet Ether (%)	0294	5.1100	0.00000	5.2221	0.26712	0.08897	16	-0.42	1%	0
003.06	Fat, Pet Ether (%)	0164	5.1150	0.13000	5.2221	0.26712	0.08897	16	-0.40	1%	0
003.06	Fat, Pet Ether (%)	0682	5.1400	0.00000	5.2221	0.26712	0.08897	16	-0.31	1%	0
003.06	Fat, Pet Ether (%)	0918	5.1600	0.02000	5.2221	0.26712	0.08897	16	-0.23	1%	0
003.06	Fat, Pet Ether (%)	0297	5.1750	0.07000	5.2221	0.26712	0.08897	16	-0.18	0%	0
003.06	Fat, Pet Ether (%)	0563	5.2487	0.04350	5.2221	0.26712	0.08897	16	0.10	0%	0
003.06	Fat, Pet Ether (%)	0910	5.2850	0.09000	5.2221	0.26712	0.08897	16	0.24	1%	0
003.06	Fat, Pet Ether (%)	0083	5.3150	0.09000	5.2221	0.26712	0.08897	16	0.35	1%	0
003.06	Fat, Pet Ether (%)	0074	5.3950	0.05000	5.2221	0.26712	0.08897	16	0.65	2%	0
003.06	Fat, Pet Ether (%)	0511	5.5750	0.39000	5.2221	0.26712	0.08897	16	1.32	3%	0
003.06	Fat, Pet Ether (%)	0689	5.7500	0.10000	5.2221	0.26712	0.08897	16	1.98	5%	0
003.06	Fat, Pet Ether (%)	0852	5.7500	0.10000	5.2221	0.26712	0.08897	16	1.98	5%	0
003.06	Fat, Pet Ether (%)	0620	4.3078	0.51510	5.2221	0.26712	0.08897	16	-3.42	9%	1
003.09	Fat, Soxtec, Eth Ext (%)	0226	5.0000	0.00000	5.2545	0.13029	0.05519	20	-1.95	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	5.0100	0.00000	5.2545	0.13029	0.05519	20	-1.88	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	5.1100	0.02000	5.2545	0.13029	0.05519	20	-1.11	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	5.1500	0.10000	5.2545	0.13029	0.05519	20	-0.80	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0722	5.1763	0.00670	5.2545	0.13029	0.05519	20	-0.60	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	5.2000	0.00000	5.2545	0.13029	0.05519	20	-0.42	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0653	5.2100	0.04000	5.2545	0.13029	0.05519	20	-0.34	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	5.2350	0.03000	5.2545	0.13029	0.05519	20	-0.15	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	5.2370	0.03800	5.2545	0.13029	0.05519	20	-0.13	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	5.2395	0.06900	5.2545	0.13029	0.05519	20	-0.12	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	5.2450	0.05000	5.2545	0.13029	0.05519	20	-0.07	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	5.2650	0.29000	5.2545	0.13029	0.05519	20	0.08	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	5.2700	0.08000	5.2545	0.13029	0.05519	20	0.12	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	5.2850	0.09000	5.2545	0.13029	0.05519	20	0.23	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0638	5.3000	0.00000	5.2545	0.13029	0.05519	20	0.35	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0512	5.3500	0.13000	5.2545	0.13029	0.05519	20	0.73	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	5.4000	0.10000	5.2545	0.13029	0.05519	20	1.12	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	5.4000	0.02000	5.2545	0.13029	0.05519	20	1.12	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	5.4600	0.02000	5.2545	0.13029	0.05519	20	1.58	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	5.8600	0.02000	5.2545	0.13029	0.05519	20	4.65	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	5.2350	0.43000	5.2545	0.13029	0.05519	20	-0.15	0%	1
003.10	Fat, Soxtec, Pet Ether (%)	0609	4.5000	0.08000	4.9596	0.17540	0.10099	26	-2.62	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	4.5700	0.14000	4.9596	0.17540	0.10099	26	-2.22	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	4.7500	0.10000	4.9596	0.17540	0.10099	26	-1.19	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	4.7600	0.02000	4.9596	0.17540	0.10099	26	-1.14	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2068	4.7900	0.02000	4.9596	0.17540	0.10099	26	-0.97	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0952	4.8400	0.04000	4.9596	0.17540	0.10099	26	-0.68	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.10	Fat, Soxtec, Pet Ether (%)	0100	4.8600	0.38000	4.9596	0.17540	0.10099	26	-0.57	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	4.8600	0.06000	4.9596	0.17540	0.10099	26	-0.57	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	4.8679	0.01500	4.9596	0.17540	0.10099	26	-0.52	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	4.8750	0.25000	4.9596	0.17540	0.10099	26	-0.48	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	4.9000	0.10000	4.9596	0.17540	0.10099	26	-0.34	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	4.9600	0.24000	4.9596	0.17540	0.10099	26	0.00	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0728	4.9600	0.02000	4.9596	0.17540	0.10099	26	0.00	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	4.9600	0.00000	4.9596	0.17540	0.10099	26	0.00	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	4.9700	0.04000	4.9596	0.17540	0.10099	26	0.06	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	5.0150	0.01000	4.9596	0.17540	0.10099	26	0.32	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	5.0400	0.12000	4.9596	0.17540	0.10099	26	0.46	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	5.0400	0.12000	4.9596	0.17540	0.10099	26	0.46	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	5.0500	0.10000	4.9596	0.17540	0.10099	26	0.52	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	5.0800	0.14000	4.9596	0.17540	0.10099	26	0.69	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0868	5.1100	0.02000	4.9596	0.17540	0.10099	26	0.86	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0644	5.1500	0.10000	4.9596	0.17540	0.10099	26	1.09	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	5.1560	0.10960	4.9596	0.17540	0.10099	26	1.12	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	5.1646	0.08010	4.9596	0.17540	0.10099	26	1.17	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	5.1750	0.15000	4.9596	0.17540	0.10099	26	1.23	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0651	5.3305	0.17100	4.9596	0.17540	0.10099	26	2.11	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	5.0400	0.52000	4.9596	0.17540	0.10099	26	0.46	1%	1
003.10	Fat, Soxtec, Pet Ether (%)	0618	7.3500	0.18000	4.9596	0.17540	0.10099	26	13.63	24%	2
003.11	Fat, NIR (%)	2120	4.3700	0.12000	5.1794	0.62285	0.04500	10	-1.30	8%	0
003.11	Fat, NIR (%)	0034	4.7900	0.04000	5.1794	0.62285	0.04500	10	-0.63	4%	0
003.11	Fat, NIR (%)	0613	4.9200	0.10000	5.1794	0.62285	0.04500	10	-0.42	3%	0
003.11	Fat, NIR (%)	0720	4.9250	0.03000	5.1794	0.62285	0.04500	10	-0.41	2%	0
003.11	Fat, NIR (%)	2121	5.0350	0.07000	5.1794	0.62285	0.04500	10	-0.23	1%	0
003.11	Fat, NIR (%)	0553	5.0650	0.03000	5.1794	0.62285	0.04500	10	-0.18	1%	0
003.11	Fat, NIR (%)	0297	5.1500	0.02000	5.1794	0.62285	0.04500	10	-0.05	0%	0
003.11	Fat, NIR (%)	0889	5.3250	0.01000	5.1794	0.62285	0.04500	10	0.23	1%	0
003.11	Fat, NIR (%)	0852	6.1000	0.02000	5.1794	0.62285	0.04500	10	1.48	9%	0
003.11	Fat, NIR (%)	0596	6.2950	0.01000	5.1794	0.62285	0.04500	10	1.79	11%	0
003.12	Fat, Hexane Ext (%)	0897	4.9050	0.15000	5.1425	0.22651	0.15500	4	-1.05	2%	0
003.12	Fat, Hexane Ext (%)	0893	5.0350	0.01000	5.1425	0.22651	0.15500	4	-0.47	1%	0
003.12	Fat, Hexane Ext (%)	0171	5.2000	0.02000	5.1425	0.22651	0.15500	4	0.25	1%	0
003.12	Fat, Hexane Ext (%)	0940	5.4300	0.44000	5.1425	0.22651	0.15500	4	1.27	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	4.8300	0.08000	5.0958	0.17896	0.05833	6	-1.49	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	5.0300	0.02000	5.0958	0.17896	0.05833	6	-0.37	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0028	5.0900	0.02000	5.0958	0.17896	0.05833	6	-0.03	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	5.1400	0.04000	5.0958	0.17896	0.05833	6	0.25	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	5.1950	0.17000	5.0958	0.17896	0.05833	6	0.55	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	5.2900	0.02000	5.0958	0.17896	0.05833	6	1.08	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	5.3950	0.43000	5.0958	0.17896	0.05833	6	1.67	3%	1
003.14	Fat, Ankom (%)	0843	4.7500	0.42000	5.0887	0.18785	0.14134	40	-1.80	3%	0
003.14	Fat, Ankom (%)	0202	4.7800	0.30000	5.0887	0.18785	0.14134	40	-1.64	3%	0
003.14	Fat, Ankom (%)	0574	4.7800	0.28000	5.0887	0.18785	0.14134	40	-1.64	3%	0
003.14	Fat, Ankom (%)	0265	4.8200	0.10000	5.0887	0.18785	0.14134	40	-1.43	3%	0
003.14	Fat, Ankom (%)	0529	4.8350	0.01000	5.0887	0.18785	0.14134	40	-1.35	2%	0
003.14	Fat, Ankom (%)	0108	4.8700	0.04000	5.0887	0.18785	0.14134	40	-1.16	2%	0
003.14	Fat, Ankom (%)	0144	4.8700	0.04000	5.0887	0.18785	0.14134	40	-1.16	2%	0
003.14	Fat, Ankom (%)	0848	4.8700	0.10000	5.0887	0.18785	0.14134	40	-1.16	2%	0
003.14	Fat, Ankom (%)	0037	4.9700	0.02000	5.0887	0.18785	0.14134	40	-0.63	1%	0
003.14	Fat, Ankom (%)	0613	4.9750	0.47000	5.0887	0.18785	0.14134	40	-0.61	1%	0
003.14	Fat, Ankom (%)	0089	5.0000	0.00000	5.0887	0.18785	0.14134	40	-0.47	1%	0
003.14	Fat, Ankom (%)	0956	5.0000	0.00000	5.0887	0.18785	0.14134	40	-0.47	1%	0
003.14	Fat, Ankom (%)	0912	5.0100	0.02000	5.0887	0.18785	0.14134	40	-0.42	1%	0
003.14	Fat, Ankom (%)	0175	5.0150	0.07000	5.0887	0.18785	0.14134	40	-0.39	1%	0
003.14	Fat, Ankom (%)	0034	5.0350	0.19000	5.0887	0.18785	0.14134	40	-0.29	1%	0
003.14	Fat, Ankom (%)	0019	5.0550	0.03000	5.0887	0.18785	0.14134	40	-0.18	0%	0
003.14	Fat, Ankom (%)	0358	5.0750	0.03000	5.0887	0.18785	0.14134	40	-0.07	0%	0
003.14	Fat, Ankom (%)	0968	5.0975	0.03500	5.0887	0.18785	0.14134	40	0.05	0%	0
003.14	Fat, Ankom (%)	0278	5.1000	0.20000	5.0887	0.18785	0.14134	40	0.06	0%	0
003.14	Fat, Ankom (%)	0357	5.1000	0.00000	5.0887	0.18785	0.14134	40	0.06	0%	0
003.14	Fat, Ankom (%)	0598	5.1150	0.27000	5.0887	0.18785	0.14134	40	0.14	0%	0
003.14	Fat, Ankom (%)	0581	5.1200	0.14000	5.0887	0.18785	0.14134	40	0.17	0%	0
003.14	Fat, Ankom (%)	0937	5.1200	0.00000	5.0887	0.18785	0.14134	40	0.17	0%	0
003.14	Fat, Ankom (%)	2129	5.1550	0.05000	5.0887	0.18785	0.14134	40	0.35	1%	0
003.14	Fat, Ankom (%)	0066	5.1550	0.17000	5.0887	0.18785	0.14134	40	0.35	1%	0
003.14	Fat, Ankom (%)	0001	5.1580	0.16000	5.0887	0.18785	0.14134	40	0.37	1%	0
003.14	Fat, Ankom (%)	0013	5.1600	0.12000	5.0887	0.18785	0.14134	40	0.38	1%	0
003.14	Fat, Ankom (%)	0229	5.1700	0.02000	5.0887	0.18785	0.14134	40	0.43	1%	0
003.14	Fat, Ankom (%)	0407	5.1819	0.00510	5.0887	0.18785	0.14134	40	0.50	1%	0
003.14	Fat, Ankom (%)	0009	5.2000	0.10000	5.0887	0.18785	0.14134	40	0.59	1%	0
003.14	Fat, Ankom (%)	0692	5.2000	0.60000	5.0887	0.18785	0.14134	40	0.59	1%	0
003.14	Fat, Ankom (%)	0955	5.2300	0.08000	5.0887	0.18785	0.14134	40	0.75	1%	0
003.14	Fat, Ankom (%)	0619	5.2400	0.10000	5.0887	0.18785	0.14134	40	0.81	1%	0
003.14	Fat, Ankom (%)	0563	5.2487	0.04350	5.0887	0.18785	0.14134	40	0.85	2%	0
003.14	Fat, Ankom (%)	2075	5.2500	0.02000	5.0887	0.18785	0.14134	40	0.86	2%	0
003.14	Fat, Ankom (%)	0004	5.2650	0.39000	5.0887	0.18785	0.14134	40	0.94	2%	0
003.14	Fat, Ankom (%)	0190	5.3500	0.10000	5.0887	0.18785	0.14134	40	1.39	3%	0
003.14	Fat, Ankom (%)	0413	5.4000	0.40000	5.0887	0.18785	0.14134	40	1.66	3%	0
003.14	Fat, Ankom (%)	0726	5.4000	0.08000	5.0887	0.18785	0.14134	40	1.66	3%	0
003.14	Fat, Ankom (%)	0015	5.4150	0.45000	5.0887	0.18785	0.14134	40	1.74	3%	0
003.14	Fat, Ankom (%)	0003	5.6350	1.9900	5.0887	0.18785	0.14134	40	2.91	5%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.99	Fat, Miscellaneous (%)	2127	3.9600	0.04000	5.9400	2.3317	0.03333	3			0
003.99	Fat, Miscellaneous (%)	0047	5.3500	0.02000	5.9400	2.3317	0.03333	3			0
003.99	Fat, Miscellaneous (%)	1019	8.5100	0.04000	5.9400	2.3317	0.03333	3			0
003.99	Fat, Miscellaneous (%)	0880	0.10000	0.20000	5.9400	2.3317	0.03333	3			4
004.00	Fiber, Crude, Asbestos Free (%)	2073	4.6600	0.08000	6.5524	0.53696	0.20608	19	-3.52	14%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	5.7500	0.50000	6.5524	0.53696	0.20608	19	-1.49	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0596	5.9200	0.06000	6.5524	0.53696	0.20608	19	-1.18	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	6.1050	0.11000	6.5524	0.53696	0.20608	19	-0.83	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	6.2000	0.00000	6.5524	0.53696	0.20608	19	-0.66	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	6.2800	0.06000	6.5524	0.53696	0.20608	19	-0.51	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	6.3500	0.10000	6.5524	0.53696	0.20608	19	-0.38	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	6.4400	0.26000	6.5524	0.53696	0.20608	19	-0.21	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	6.5750	0.11000	6.5524	0.53696	0.20608	19	0.04	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	6.6651	0.11850	6.5524	0.53696	0.20608	19	0.21	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	6.6900	0.00000	6.5524	0.53696	0.20608	19	0.26	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	6.7000	0.50000	6.5524	0.53696	0.20608	19	0.27	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	6.7200	0.04000	6.5524	0.53696	0.20608	19	0.31	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	6.7900	0.02000	6.5524	0.53696	0.20608	19	0.44	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0876	6.9000	0.20000	6.5524	0.53696	0.20608	19	0.65	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	6.9350	0.01000	6.5524	0.53696	0.20608	19	0.71	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	7.0500	0.50000	6.5524	0.53696	0.20608	19	0.93	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	7.3200	0.42000	6.5524	0.53696	0.20608	19	1.43	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	7.5225	0.82700	6.5524	0.53696	0.20608	19	1.81	7%	0
004.01	Fiber, Sing Filt (%)	0045	7.6600	0.78000				2			0
004.01	Fiber, Sing Filt (%)	0366	7.9000	0.20000				2			0
004.03	Fiber, Fritted Glass (%)	0353	6.0750	0.17000	7.1852	0.87062	0.17400	5	-1.28	8%	0
004.03	Fiber, Fritted Glass (%)	2127	6.7500	0.30000	7.1852	0.87062	0.17400	5	-0.50	3%	0
004.03	Fiber, Fritted Glass (%)	0626	7.0750	0.09000	7.1852	0.87062	0.17400	5	-0.13	1%	0
004.03	Fiber, Fritted Glass (%)	0693	7.6762	0.29000	7.1852	0.87062	0.17400	5	0.56	3%	0
004.03	Fiber, Fritted Glass (%)	0685	8.3500	0.02000	7.1852	0.87062	0.17400	5	1.34	8%	0
004.06	Fiber, Fibertec (%)	0590	5.5950	0.23000	6.7120	0.48222	0.13728	26	-2.32	8%	0
004.06	Fiber, Fibertec (%)	0897	6.0250	0.03000	6.7120	0.48222	0.13728	26	-1.42	5%	0
004.06	Fiber, Fibertec (%)	0885	6.0951	0.04230	6.7120	0.48222	0.13728	26	-1.28	5%	0
004.06	Fiber, Fibertec (%)	0918	6.1700	0.10000	6.7120	0.48222	0.13728	26	-1.12	4%	0
004.06	Fiber, Fibertec (%)	0893	6.3450	0.01000	6.7120	0.48222	0.13728	26	-0.76	3%	0
004.06	Fiber, Fibertec (%)	0098	6.3600	0.10000	6.7120	0.48222	0.13728	26	-0.73	3%	0
004.06	Fiber, Fibertec (%)	0038	6.3950	0.27000	6.7120	0.48222	0.13728	26	-0.66	2%	0
004.06	Fiber, Fibertec (%)	0512	6.4355	0.08500	6.7120	0.48222	0.13728	26	-0.57	2%	0
004.06	Fiber, Fibertec (%)	0027	6.4985	0.06900	6.7120	0.48222	0.13728	26	-0.44	2%	0
004.06	Fiber, Fibertec (%)	0941	6.5600	0.26000	6.7120	0.48222	0.13728	26	-0.32	1%	0
004.06	Fiber, Fibertec (%)	0689	6.6000	0.40000	6.7120	0.48222	0.13728	26	-0.23	1%	0
004.06	Fiber, Fibertec (%)	0205	6.6250	0.09000	6.7120	0.48222	0.13728	26	-0.18	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.06	Fiber, Fibertec (%)	0674	6.6550	0.15000	6.7120	0.48222	0.13728	26	-0.12	0%	0
004.06	Fiber, Fibertec (%)	2068	6.7600	0.00000	6.7120	0.48222	0.13728	26	0.10	0%	0
004.06	Fiber, Fibertec (%)	0952	6.7650	0.11000	6.7120	0.48222	0.13728	26	0.11	0%	0
004.06	Fiber, Fibertec (%)	2006	6.7950	0.23000	6.7120	0.48222	0.13728	26	0.17	1%	0
004.06	Fiber, Fibertec (%)	0868	6.8200	0.06000	6.7120	0.48222	0.13728	26	0.22	1%	0
004.06	Fiber, Fibertec (%)	0675	6.8750	0.33000	6.7120	0.48222	0.13728	26	0.34	1%	0
004.06	Fiber, Fibertec (%)	0638	6.9500	0.10000	6.7120	0.48222	0.13728	26	0.49	2%	0
004.06	Fiber, Fibertec (%)	2097	6.9869	0.03380	6.7120	0.48222	0.13728	26	0.57	2%	0
004.06	Fiber, Fibertec (%)	0728	7.1750	0.47000	6.7120	0.48222	0.13728	26	0.96	3%	0
004.06	Fiber, Fibertec (%)	0720	7.2450	0.25000	6.7120	0.48222	0.13728	26	1.11	4%	0
004.06	Fiber, Fibertec (%)	0723	7.2458	0.00000	6.7120	0.48222	0.13728	26	1.11	4%	0
004.06	Fiber, Fibertec (%)	0676	7.2700	0.06000	6.7120	0.48222	0.13728	26	1.16	4%	0
004.06	Fiber, Fibertec (%)	0609	7.5400	0.04000	6.7120	0.48222	0.13728	26	1.72	6%	0
004.06	Fiber, Fibertec (%)	0722	7.6083	0.04930	6.7120	0.48222	0.13728	26	1.86	7%	0
004.07	Fiber, ANKOM (%)	0708	4.4650	0.09000	6.4792	0.61153	0.24496	53	-3.29	16%	0
004.07	Fiber, ANKOM (%)	0013	5.2300	0.34000	6.4792	0.61153	0.24496	53	-2.04	10%	0
004.07	Fiber, ANKOM (%)	0553	5.2450	0.37000	6.4792	0.61153	0.24496	53	-2.02	10%	0
004.07	Fiber, ANKOM (%)	0861	5.6650	0.17000	6.4792	0.61153	0.24496	53	-1.33	6%	0
004.07	Fiber, ANKOM (%)	0505	5.7600	0.06000	6.4792	0.61153	0.24496	53	-1.18	6%	0
004.07	Fiber, ANKOM (%)	2012	5.8350	0.01000	6.4792	0.61153	0.24496	53	-1.05	5%	0
004.07	Fiber, ANKOM (%)	0026	5.8400	0.00000	6.4792	0.61153	0.24496	53	-1.05	5%	0
004.07	Fiber, ANKOM (%)	0619	5.9450	0.15000	6.4792	0.61153	0.24496	53	-0.87	4%	0
004.07	Fiber, ANKOM (%)	0413	5.9500	0.30000	6.4792	0.61153	0.24496	53	-0.87	4%	0
004.07	Fiber, ANKOM (%)	0910	5.9500	0.10000	6.4792	0.61153	0.24496	53	-0.87	4%	0
004.07	Fiber, ANKOM (%)	0242	5.9600	0.40000	6.4792	0.61153	0.24496	53	-0.85	4%	0
004.07	Fiber, ANKOM (%)	0098	6.0350	0.37000	6.4792	0.61153	0.24496	53	-0.73	3%	0
004.07	Fiber, ANKOM (%)	0726	6.0500	0.10000	6.4792	0.61153	0.24496	53	-0.70	3%	0
004.07	Fiber, ANKOM (%)	0100	6.0750	0.43000	6.4792	0.61153	0.24496	53	-0.66	3%	0
004.07	Fiber, ANKOM (%)	0407	6.0843	0.20300	6.4792	0.61153	0.24496	53	-0.65	3%	0
004.07	Fiber, ANKOM (%)	0033	6.1500	0.28000	6.4792	0.61153	0.24496	53	-0.54	3%	0
004.07	Fiber, ANKOM (%)	0190	6.1500	0.10000	6.4792	0.61153	0.24496	53	-0.54	3%	0
004.07	Fiber, ANKOM (%)	0510	6.1500	0.10000	6.4792	0.61153	0.24496	53	-0.54	3%	0
004.07	Fiber, ANKOM (%)	0035	6.1600	0.16000	6.4792	0.61153	0.24496	53	-0.52	2%	0
004.07	Fiber, ANKOM (%)	0265	6.2350	0.19000	6.4792	0.61153	0.24496	53	-0.40	2%	0
004.07	Fiber, ANKOM (%)	0297	6.2600	0.10000	6.4792	0.61153	0.24496	53	-0.36	2%	0
004.07	Fiber, ANKOM (%)	0066	6.3250	0.25000	6.4792	0.61153	0.24496	53	-0.25	1%	0
004.07	Fiber, ANKOM (%)	0089	6.3300	0.02000	6.4792	0.61153	0.24496	53	-0.24	1%	0
004.07	Fiber, ANKOM (%)	2053	6.3400	0.22000	6.4792	0.61153	0.24496	53	-0.23	1%	0
004.07	Fiber, ANKOM (%)	0644	6.3500	0.50000	6.4792	0.61153	0.24496	53	-0.21	1%	0
004.07	Fiber, ANKOM (%)	0682	6.4000	0.00000	6.4792	0.61153	0.24496	53	-0.13	1%	0
004.07	Fiber, ANKOM (%)	0300	6.4156	0.13840	6.4792	0.61153	0.24496	53	-0.10	0%	0
004.07	Fiber, ANKOM (%)	0968	6.4500	0.27800	6.4792	0.61153	0.24496	53	-0.05	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0354	6.4800	0.06000	6.4792	0.61153	0.24496	53	0.00	0%	0
004.07	Fiber, ANKOM (%)	0083	6.5650	0.45000	6.4792	0.61153	0.24496	53	0.14	1%	0
004.07	Fiber, ANKOM (%)	0003	6.5900	0.58000	6.4792	0.61153	0.24496	53	0.18	1%	0
004.07	Fiber, ANKOM (%)	0019	6.6050	0.27000	6.4792	0.61153	0.24496	53	0.21	1%	0
004.07	Fiber, ANKOM (%)	0229	6.6250	0.25000	6.4792	0.61153	0.24496	53	0.24	1%	0
004.07	Fiber, ANKOM (%)	0529	6.6600	0.02000	6.4792	0.61153	0.24496	53	0.30	1%	0
004.07	Fiber, ANKOM (%)	0848	6.6700	0.06000	6.4792	0.61153	0.24496	53	0.31	1%	0
004.07	Fiber, ANKOM (%)	0074	6.7300	0.72000	6.4792	0.61153	0.24496	53	0.41	2%	0
004.07	Fiber, ANKOM (%)	0692	6.7500	0.30000	6.4792	0.61153	0.24496	53	0.44	2%	0
004.07	Fiber, ANKOM (%)	0956	6.7500	0.30000	6.4792	0.61153	0.24496	53	0.44	2%	0
004.07	Fiber, ANKOM (%)	0202	6.7700	0.26000	6.4792	0.61153	0.24496	53	0.48	2%	0
004.07	Fiber, ANKOM (%)	0581	6.8250	0.43000	6.4792	0.61153	0.24496	53	0.57	3%	0
004.07	Fiber, ANKOM (%)	0643	6.8350	0.25000	6.4792	0.61153	0.24496	53	0.58	3%	0
004.07	Fiber, ANKOM (%)	0034	6.8700	0.02000	6.4792	0.61153	0.24496	53	0.64	3%	0
004.07	Fiber, ANKOM (%)	0009	7.0100	0.52000	6.4792	0.61153	0.24496	53	0.87	4%	0
004.07	Fiber, ANKOM (%)	0563	7.0488	0.05370	6.4792	0.61153	0.24496	53	0.93	4%	0
004.07	Fiber, ANKOM (%)	0042	7.1700	0.22000	6.4792	0.61153	0.24496	53	1.13	5%	0
004.07	Fiber, ANKOM (%)	0552	7.2700	0.06000	6.4792	0.61153	0.24496	53	1.29	6%	0
004.07	Fiber, ANKOM (%)	0653	7.2900	0.08000	6.4792	0.61153	0.24496	53	1.33	6%	0
004.07	Fiber, ANKOM (%)	0294	7.3500	0.10000	6.4792	0.61153	0.24496	53	1.42	7%	0
004.07	Fiber, ANKOM (%)	2075	7.6500	0.70000	6.4792	0.61153	0.24496	53	1.91	9%	0
004.07	Fiber, ANKOM (%)	0613	7.7750	0.39000	6.4792	0.61153	0.24496	53	2.12	10%	0
004.07	Fiber, ANKOM (%)	0144	8.5300	0.34000	6.4792	0.61153	0.24496	53	3.35	16%	0
004.07	Fiber, ANKOM (%)	0004	9.1000	0.62000	6.4792	0.61153	0.24496	53	4.29	20%	0
004.07	Fiber, ANKOM (%)	0278	13.550	0.50000	6.4792	0.61153	0.24496	53	11.56	55%	0
004.07	Fiber, ANKOM (%)	0598	10.755	1.2700	6.4792	0.61153	0.24496	53	6.99	33%	1
004.11	Fiber, NIR (%)	0720	3.3000	0.00000	5.7469	1.6680	0.12625	8	-1.47	21%	0
004.11	Fiber, NIR (%)	0889	4.5700	0.06000	5.7469	1.6680	0.12625	8	-0.71	10%	0
004.11	Fiber, NIR (%)	0553	5.3000	0.16000	5.7469	1.6680	0.12625	8	-0.27	4%	0
004.11	Fiber, NIR (%)	2121	5.6500	0.12000	5.7469	1.6680	0.12625	8	-0.06	1%	0
004.11	Fiber, NIR (%)	2120	5.7550	0.01000	5.7469	1.6680	0.12625	8	0.00	0%	0
004.11	Fiber, NIR (%)	0596	6.0550	0.13000	5.7469	1.6680	0.12625	8	0.18	3%	0
004.11	Fiber, NIR (%)	0613	7.5100	0.40000	5.7469	1.6680	0.12625	8	1.06	15%	0
004.11	Fiber, NIR (%)	0852	7.8350	0.13000	5.7469	1.6680	0.12625	8	1.25	18%	0
004.99	Fiber, Miscellaneous (%)	0610	5.6000	0.20000	5.9467	0.30172	0.20667	3			0
004.99	Fiber, Miscellaneous (%)	0940	6.0900	0.32000	5.9467	0.30172	0.20667	3			0
004.99	Fiber, Miscellaneous (%)	0629	6.1500	0.10000	5.9467	0.30172	0.20667	3			0
005.00	Ash, 2h @ 600°C (%)	0042	10.195	0.11000	11.446	0.42583	0.12438	88	-2.94	5%	0
005.00	Ash, 2h @ 600°C (%)	0539	10.200	0.04000	11.446	0.42583	0.12438	88	-2.93	5%	0
005.00	Ash, 2h @ 600°C (%)	0278	10.310	0.16000	11.446	0.42583	0.12438	88	-2.67	5%	0
005.00	Ash, 2h @ 600°C (%)	0169	10.375	0.05000	11.446	0.42583	0.12438	88	-2.52	5%	0
005.00	Ash, 2h @ 600°C (%)	0596	10.465	0.05000	11.446	0.42583	0.12438	88	-2.30	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0425	10.535	0.13000	11.446	0.42583	0.12438	88	-2.14	4%	0
005.00	Ash, 2h @ 600°C (%)	0019	10.550	0.50000	11.446	0.42583	0.12438	88	-2.11	4%	0
005.00	Ash, 2h @ 600°C (%)	0148	10.580	0.04000	11.446	0.42583	0.12438	88	-2.03	4%	0
005.00	Ash, 2h @ 600°C (%)	0650	10.610	0.20000	11.446	0.42583	0.12438	88	-1.96	4%	0
005.00	Ash, 2h @ 600°C (%)	0015	10.655	0.03000	11.446	0.42583	0.12438	88	-1.86	3%	0
005.00	Ash, 2h @ 600°C (%)	0598	10.705	0.05000	11.446	0.42583	0.12438	88	-1.74	3%	0
005.00	Ash, 2h @ 600°C (%)	0693	10.709	0.04940	11.446	0.42583	0.12438	88	-1.73	3%	0
005.00	Ash, 2h @ 600°C (%)	0874	10.740	0.60000	11.446	0.42583	0.12438	88	-1.66	3%	0
005.00	Ash, 2h @ 600°C (%)	0242	10.795	0.05000	11.446	0.42583	0.12438	88	-1.53	3%	0
005.00	Ash, 2h @ 600°C (%)	2053	10.835	0.09000	11.446	0.42583	0.12438	88	-1.44	3%	0
005.00	Ash, 2h @ 600°C (%)	0208	10.850	0.10000	11.446	0.42583	0.12438	88	-1.40	3%	0
005.00	Ash, 2h @ 600°C (%)	0175	11.000	0.20000	11.446	0.42583	0.12438	88	-1.05	2%	0
005.00	Ash, 2h @ 600°C (%)	0026	11.020	0.00000	11.446	0.42583	0.12438	88	-1.00	2%	0
005.00	Ash, 2h @ 600°C (%)	0089	11.065	0.01000	11.446	0.42583	0.12438	88	-0.90	2%	0
005.00	Ash, 2h @ 600°C (%)	0205	11.135	0.05000	11.446	0.42583	0.12438	88	-0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	11.135	0.33000	11.446	0.42583	0.12438	88	-0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	11.190	0.16000	11.446	0.42583	0.12438	88	-0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	2068	11.205	0.03000	11.446	0.42583	0.12438	88	-0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	11.260	0.04000	11.446	0.42583	0.12438	88	-0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0722	11.299	0.13430	11.446	0.42583	0.12438	88	-0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	11.310	0.34000	11.446	0.42583	0.12438	88	-0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	11.310	0.36000	11.446	0.42583	0.12438	88	-0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0552	11.365	0.09000	11.446	0.42583	0.12438	88	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0138	11.400	0.10000	11.446	0.42583	0.12438	88	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	11.400	0.06000	11.446	0.42583	0.12438	88	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	11.400	0.60000	11.446	0.42583	0.12438	88	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	11.405	0.07000	11.446	0.42583	0.12438	88	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	11.424	0.03200	11.446	0.42583	0.12438	88	-0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	2106	11.450	0.14000	11.446	0.42583	0.12438	88	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	11.455	0.53000	11.446	0.42583	0.12438	88	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0723	11.463	0.00000	11.446	0.42583	0.12438	88	0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0852	11.465	0.03000	11.446	0.42583	0.12438	88	0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	11.470	0.12000	11.446	0.42583	0.12438	88	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	11.475	0.63000	11.446	0.42583	0.12438	88	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	11.485	0.15000	11.446	0.42583	0.12438	88	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	11.490	0.32610	11.446	0.42583	0.12438	88	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	11.530	0.02000	11.446	0.42583	0.12438	88	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	11.530	0.06000	11.446	0.42583	0.12438	88	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	11.535	0.07000	11.446	0.42583	0.12438	88	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	11.547	0.08200	11.446	0.42583	0.12438	88	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	11.550	0.04000	11.446	0.42583	0.12438	88	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	2012	11.550	0.06000	11.446	0.42583	0.12438	88	0.24	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0563	11.555	0.03780	11.446	0.42583	0.12438	88	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	11.556	0.00600	11.446	0.42583	0.12438	88	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	11.565	0.03000	11.446	0.42583	0.12438	88	0.28	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	11.575	0.11000	11.446	0.42583	0.12438	88	0.30	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	11.580	0.02000	11.446	0.42583	0.12438	88	0.31	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	11.590	0.00000	11.446	0.42583	0.12438	88	0.34	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	11.605	0.31000	11.446	0.42583	0.12438	88	0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	2097	11.614	0.11990	11.446	0.42583	0.12438	88	0.39	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	11.630	0.10000	11.446	0.42583	0.12438	88	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	11.630	0.08000	11.446	0.42583	0.12438	88	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0226	11.650	0.10000	11.446	0.42583	0.12438	88	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	11.650	0.10000	11.446	0.42583	0.12438	88	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	11.650	0.04000	11.446	0.42583	0.12438	88	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	11.665	0.11000	11.446	0.42583	0.12438	88	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	11.670	0.00000	11.446	0.42583	0.12438	88	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	11.670	0.00000	11.446	0.42583	0.12438	88	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	11.684	0.02710	11.446	0.42583	0.12438	88	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0880	11.703	0.14600	11.446	0.42583	0.12438	88	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	11.710	0.06000	11.446	0.42583	0.12438	88	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	11.735	0.05000	11.446	0.42583	0.12438	88	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	11.735	0.07000	11.446	0.42583	0.12438	88	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0152	11.750	0.10000	11.446	0.42583	0.12438	88	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0674	11.755	0.11000	11.446	0.42583	0.12438	88	0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	11.760	0.00000	11.446	0.42583	0.12438	88	0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0620	11.768	0.23660	11.446	0.42583	0.12438	88	0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	11.785	0.07000	11.446	0.42583	0.12438	88	0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0609	11.785	0.13000	11.446	0.42583	0.12438	88	0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0615	11.795	0.07000	11.446	0.42583	0.12438	88	0.82	2%	0
005.00	Ash, 2h @ 600°C (%)	0675	11.800	0.06000	11.446	0.42583	0.12438	88	0.83	2%	0
005.00	Ash, 2h @ 600°C (%)	0504	11.805	0.49000	11.446	0.42583	0.12438	88	0.84	2%	0
005.00	Ash, 2h @ 600°C (%)	0589	11.828	0.00500	11.446	0.42583	0.12438	88	0.89	2%	0
005.00	Ash, 2h @ 600°C (%)	0921	11.870	0.00000	11.446	0.42583	0.12438	88	0.99	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	11.896	0.00340	11.446	0.42583	0.12438	88	1.06	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	11.900	0.20000	11.446	0.42583	0.12438	88	1.07	2%	0
005.00	Ash, 2h @ 600°C (%)	0366	11.900	0.20000	11.446	0.42583	0.12438	88	1.07	2%	0
005.00	Ash, 2h @ 600°C (%)	0643	11.935	0.01000	11.446	0.42583	0.12438	88	1.15	2%	0
005.00	Ash, 2h @ 600°C (%)	0065	11.991	0.03750	11.446	0.42583	0.12438	88	1.28	2%	0
005.00	Ash, 2h @ 600°C (%)	0144	12.015	0.21000	11.446	0.42583	0.12438	88	1.34	2%	0
005.00	Ash, 2h @ 600°C (%)	0297	12.050	0.10000	11.446	0.42583	0.12438	88	1.42	3%	0
005.00	Ash, 2h @ 600°C (%)	0357	12.200	0.00000	11.446	0.42583	0.12438	88	1.77	3%	0
005.00	Ash, 2h @ 600°C (%)	1019	12.265	0.28220	11.446	0.42583	0.12438	88	1.92	4%	0
005.00	Ash, 2h @ 600°C (%)	0918	10.805	0.75000	11.446	0.42583	0.12438	88	-1.51	3%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0957	10.830	0.74000	11.446	0.42583	0.12438	88	-1.45	3%	1
005.05	Ash, 3h @ 550°C (%)	0893	11.115	0.01000	11.666	0.20776	0.12153	20	-2.65	2%	0
005.05	Ash, 3h @ 550°C (%)	0897	11.355	0.01000	11.666	0.20776	0.12153	20	-1.50	1%	0
005.05	Ash, 3h @ 550°C (%)	0940	11.355	0.61000	11.666	0.20776	0.12153	20	-1.50	1%	0
005.05	Ash, 3h @ 550°C (%)	0904	11.530	0.28000	11.666	0.20776	0.12153	20	-0.66	1%	0
005.05	Ash, 3h @ 550°C (%)	0066	11.575	0.11000	11.666	0.20776	0.12153	20	-0.44	0%	0
005.05	Ash, 3h @ 550°C (%)	0868	11.575	0.05000	11.666	0.20776	0.12153	20	-0.44	0%	0
005.05	Ash, 3h @ 550°C (%)	0638	11.580	0.16000	11.666	0.20776	0.12153	20	-0.42	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	11.600	0.02000	11.666	0.20776	0.12153	20	-0.32	0%	0
005.05	Ash, 3h @ 550°C (%)	0038	11.625	0.29000	11.666	0.20776	0.12153	20	-0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	0692	11.650	0.10000	11.666	0.20776	0.12153	20	-0.08	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	11.655	0.13000	11.666	0.20776	0.12153	20	-0.06	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	11.750	0.10000	11.666	0.20776	0.12153	20	0.40	0%	0
005.05	Ash, 3h @ 550°C (%)	0720	11.765	0.23000	11.666	0.20776	0.12153	20	0.47	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	11.767	0.02950	11.666	0.20776	0.12153	20	0.48	0%	0
005.05	Ash, 3h @ 550°C (%)	0937	11.775	0.13000	11.666	0.20776	0.12153	20	0.52	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	11.800	0.00000	11.666	0.20776	0.12153	20	0.64	1%	0
005.05	Ash, 3h @ 550°C (%)	0590	11.840	0.14000	11.666	0.20776	0.12153	20	0.84	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	11.850	0.00000	11.666	0.20776	0.12153	20	0.88	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	11.955	0.03000	11.666	0.20776	0.12153	20	1.39	1%	0
005.05	Ash, 3h @ 550°C (%)	2009	11.973	0.00110	11.666	0.20776	0.12153	20	1.47	1%	0
005.05	Ash, 3h @ 550°C (%)	0413	11.000	0.80000	11.666	0.20776	0.12153	20	-3.21	3%	1
005.11	Ash, NIR (%)	0596	7.2750	0.09000	9.3769	1.7733	0.16875	8	-1.19	11%	0
005.11	Ash, NIR (%)	0613	8.2000	0.32000	9.3769	1.7733	0.16875	8	-0.66	6%	0
005.11	Ash, NIR (%)	0297	8.2600	0.06000	9.3769	1.7733	0.16875	8	-0.63	6%	0
005.11	Ash, NIR (%)	0852	8.5500	0.00000	9.3769	1.7733	0.16875	8	-0.47	4%	0
005.11	Ash, NIR (%)	0889	9.5950	0.25000	9.3769	1.7733	0.16875	8	0.12	1%	0
005.11	Ash, NIR (%)	0720	10.355	0.11000	9.3769	1.7733	0.16875	8	0.55	5%	0
005.11	Ash, NIR (%)	2120	11.020	0.32000	9.3769	1.7733	0.16875	8	0.93	9%	0
005.11	Ash, NIR (%)	2121	11.760	0.20000	9.3769	1.7733	0.16875	8	1.34	13%	0
005.99	Ash, Miscellaneous (%)	0574	11.020	0.24000	11.542	0.41190	0.16889	9	-1.27	2%	0
005.99	Ash, Miscellaneous (%)	0202	11.105	0.05000	11.542	0.41190	0.16889	9	-1.06	2%	0
005.99	Ash, Miscellaneous (%)	0613	11.320	0.14000	11.542	0.41190	0.16889	9	-0.54	1%	0
005.99	Ash, Miscellaneous (%)	0728	11.355	0.23000	11.542	0.41190	0.16889	9	-0.45	1%	0
005.99	Ash, Miscellaneous (%)	2004	11.650	0.30000	11.542	0.41190	0.16889	9	0.26	0%	0
005.99	Ash, Miscellaneous (%)	0629	11.675	0.01000	11.542	0.41190	0.16889	9	0.32	1%	0
005.99	Ash, Miscellaneous (%)	0884	11.800	0.20000	11.542	0.41190	0.16889	9	0.63	1%	0
005.99	Ash, Miscellaneous (%)	0652	11.850	0.10000	11.542	0.41190	0.16889	9	0.75	1%	0
005.99	Ash, Miscellaneous (%)	0676	12.105	0.25000	11.542	0.41190	0.16889	9	1.37	2%	0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	4.9750	0.05000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	5.0000	0.00000				2			0
006.05	Total sugars, TSI, Lane-Eunon (12th) (%)	0045	5.5300	0.26000				1			0

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006.99	Total sugars, Miscellaneous (%)	0956	5.4000	0.20000				2			0
006.99	Total sugars, Miscellaneous (%)	0720	5.6550	0.11000				2			0
008.02	Fiber, Acid Detergent (%)	0353	8.2900	0.08000	9.2712	0.92046	0.17897	13	-1.07	5%	0
008.02	Fiber, Acid Detergent (%)	0038	8.3500	0.28000	9.2712	0.92046	0.17897	13	-1.00	5%	0
008.02	Fiber, Acid Detergent (%)	0309	8.4906	0.13660	9.2712	0.92046	0.17897	13	-0.85	4%	0
008.02	Fiber, Acid Detergent (%)	0208	8.5650	0.19000	9.2712	0.92046	0.17897	13	-0.77	4%	0
008.02	Fiber, Acid Detergent (%)	0098	8.6800	0.08000	9.2712	0.92046	0.17897	13	-0.64	3%	0
008.02	Fiber, Acid Detergent (%)	0504	8.9700	0.20000	9.2712	0.92046	0.17897	13	-0.33	2%	0
008.02	Fiber, Acid Detergent (%)	0148	9.0900	0.12000	9.2712	0.92046	0.17897	13	-0.20	1%	0
008.02	Fiber, Acid Detergent (%)	2129	9.3350	0.01000	9.2712	0.92046	0.17897	13	0.07	0%	0
008.02	Fiber, Acid Detergent (%)	0187	9.5550	0.01000	9.2712	0.92046	0.17897	13	0.31	2%	0
008.02	Fiber, Acid Detergent (%)	0728	9.9800	0.48000	9.2712	0.92046	0.17897	13	0.77	4%	0
008.02	Fiber, Acid Detergent (%)	0226	10.250	0.10000	9.2712	0.92046	0.17897	13	1.06	5%	0
008.02	Fiber, Acid Detergent (%)	0675	10.380	0.18000	9.2712	0.92046	0.17897	13	1.20	6%	0
008.02	Fiber, Acid Detergent (%)	0609	10.590	0.46000	9.2712	0.92046	0.17897	13	1.43	7%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	9.0500	0.10000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	7.3165	0.07500	8.8180	0.64443	0.21830	40	-2.33	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	7.7000	0.04000	8.8180	0.64443	0.21830	40	-1.73	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	7.7550	0.01000	8.8180	0.64443	0.21830	40	-1.65	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0653	7.8950	0.13000	8.8180	0.64443	0.21830	40	-1.43	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0013	7.9250	0.07000	8.8180	0.64443	0.21830	40	-1.39	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	8.1600	0.14000	8.8180	0.64443	0.21830	40	-1.02	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	8.1611	0.04950	8.8180	0.64443	0.21830	40	-1.02	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0563	8.2958	0.34460	8.8180	0.64443	0.21830	40	-0.81	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	8.3700	0.36000	8.8180	0.64443	0.21830	40	-0.70	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	8.4100	0.68000	8.8180	0.64443	0.21830	40	-0.63	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	8.4250	0.43000	8.8180	0.64443	0.21830	40	-0.61	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	8.4500	0.10000	8.8180	0.64443	0.21830	40	-0.57	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0596	8.4500	0.10000	8.8180	0.64443	0.21830	40	-0.57	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	8.5750	0.39000	8.8180	0.64443	0.21830	40	-0.38	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	8.6000	0.40000	8.8180	0.64443	0.21830	40	-0.34	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0033	8.6050	0.33000	8.8180	0.64443	0.21830	40	-0.33	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	8.6500	0.10000	8.8180	0.64443	0.21830	40	-0.26	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	8.7000	0.28000	8.8180	0.64443	0.21830	40	-0.18	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	8.7850	0.19000	8.8180	0.64443	0.21830	40	-0.05	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	8.8050	0.01000	8.8180	0.64443	0.21830	40	-0.02	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	8.8500	0.30000	8.8180	0.64443	0.21830	40	0.05	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	8.9000	0.04000	8.8180	0.64443	0.21830	40	0.13	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	8.9600	0.82000	8.8180	0.64443	0.21830	40	0.22	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	8.9800	0.32000	8.8180	0.64443	0.21830	40	0.25	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	9.0705	0.29270	8.8180	0.64443	0.21830	40	0.39	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	9.0900	0.18000	8.8180	0.64443	0.21830	40	0.42	2%	0

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008.08	Fiber, Acid Detergent, ANKOM (%)	0366	9.1000	0.40000	8.8180	0.64443	0.21830	40	0.44	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	9.2300	0.02000	8.8180	0.64443	0.21830	40	0.64	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	9.2550	0.01000	8.8180	0.64443	0.21830	40	0.68	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	9.2650	0.01000	8.8180	0.64443	0.21830	40	0.69	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	9.3000	0.40000	8.8180	0.64443	0.21830	40	0.75	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0592	9.3250	0.29000	8.8180	0.64443	0.21830	40	0.79	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	9.4100	0.14000	8.8180	0.64443	0.21830	40	0.92	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	9.4500	0.10000	8.8180	0.64443	0.21830	40	0.98	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0912	9.4700	0.72000	8.8180	0.64443	0.21830	40	1.01	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	9.5500	0.10000	8.8180	0.64443	0.21830	40	1.14	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0026	9.5550	0.01000	8.8180	0.64443	0.21830	40	1.14	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	9.5750	0.09000	8.8180	0.64443	0.21830	40	1.17	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	10.511	0.17000	8.8180	0.64443	0.21830	40	2.63	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	10.545	0.09000	8.8180	0.64443	0.21830	40	2.68	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	8.8750	1.0100	8.8180	0.64443	0.21830	40	0.09	0%	1
008.99	Fiber, Acid Detergent Miscellaneous (%)	0613	8.5650	0.09000	9.1463	0.60135	0.21400	5	-0.97	3%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	8.7500	0.70000	9.1463	0.60135	0.21400	5	-0.66	2%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0723	8.8600	0.00000	9.1463	0.60135	0.21400	5	-0.48	2%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0610	9.2000	0.24000	9.1463	0.60135	0.21400	5	0.09	0%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0720	9.9600	0.04000	9.1463	0.60135	0.21400	5	1.35	4%	0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	17.795	1.0300				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	15.350	0.42000	17.791	1.8587	0.26725	8	-1.31	7%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	15.950	0.50000	17.791	1.8587	0.26725	8	-0.99	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	17.135	0.27000	17.791	1.8587	0.26725	8	-0.35	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	18.150	0.10000	17.791	1.8587	0.26725	8	0.19	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0610	18.200	0.00000	17.791	1.8587	0.26725	8	0.22	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	18.435	0.25000	17.791	1.8587	0.26725	8	0.35	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	18.529	0.33800	17.791	1.8587	0.26725	8	0.40	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	31.680	0.26000	17.791	1.8587	0.26725	8	7.47	39%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	15.875	0.09000	17.653	1.1267	0.29732	31	-1.58	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	15.995	0.13000	17.653	1.1267	0.29732	31	-1.47	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	16.150	0.10000	17.653	1.1267	0.29732	31	-1.33	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	16.200	1.0000	17.653	1.1267	0.29732	31	-1.29	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	16.450	0.30000	17.653	1.1267	0.29732	31	-1.07	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	16.725	0.01000	17.653	1.1267	0.29732	31	-0.82	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0912	16.765	0.59000	17.653	1.1267	0.29732	31	-0.79	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	16.985	0.01000	17.653	1.1267	0.29732	31	-0.59	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	17.040	0.41040	17.653	1.1267	0.29732	31	-0.54	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	17.100	0.20000	17.653	1.1267	0.29732	31	-0.49	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	17.150	0.50000	17.653	1.1267	0.29732	31	-0.45	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	17.215	0.59000	17.653	1.1267	0.29732	31	-0.39	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	17.265	0.13000	17.653	1.1267	0.29732	31	-0.34	1%	0

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009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	17.450	0.50000	17.653	1.1267	0.29732	31	-0.18	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	17.640	0.64000	17.653	1.1267	0.29732	31	-0.01	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	17.750	0.10000	17.653	1.1267	0.29732	31	0.09	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	17.845	0.47000	17.653	1.1267	0.29732	31	0.17	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	17.950	0.06000	17.653	1.1267	0.29732	31	0.26	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	17.960	0.32000	17.653	1.1267	0.29732	31	0.27	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	18.050	0.30000	17.653	1.1267	0.29732	31	0.35	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	18.120	0.12000	17.653	1.1267	0.29732	31	0.41	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	18.140	0.06000	17.653	1.1267	0.29732	31	0.43	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0592	18.190	0.15000	17.653	1.1267	0.29732	31	0.48	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	18.360	0.28000	17.653	1.1267	0.29732	31	0.63	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	18.432	0.12900	17.653	1.1267	0.29732	31	0.69	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	18.502	1.0142	17.653	1.1267	0.29732	31	0.75	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0653	18.740	0.18000	17.653	1.1267	0.29732	31	0.96	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	19.118	0.29000	17.653	1.1267	0.29732	31	1.30	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0563	19.320	0.24320	17.653	1.1267	0.29732	31	1.48	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	19.350	0.10000	17.653	1.1267	0.29732	31	1.51	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	19.500	0.20000	17.653	1.1267	0.29732	31	1.64	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	19.640	3.2800	17.653	1.1267	0.29732	31	1.76	6%	1
009.99	Fiber, Neutral Det Miscellaneous (%)	0720	13.625	0.07000	16.155	2.6273	0.57600	5	-0.96	8%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	14.200	0.24000	16.155	2.6273	0.57600	5	-0.74	6%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0728	17.935	0.35000	16.155	2.6273	0.57600	5	0.68	6%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0723	18.860	0.00000	16.155	2.6273	0.57600	5	1.03	8%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0613	19.570	2.2200	16.155	2.6273	0.57600	5	1.30	11%	0
010.03	Moisture, Karl-Fischer (%)	0843	8.2350	0.41000	8.7633	0.47498	0.26667	3			0
010.03	Moisture, Karl-Fischer (%)	0164	8.9000	0.28000	8.7633	0.47498	0.26667	3			0
010.03	Moisture, Karl-Fischer (%)	0208	9.1550	0.11000	8.7633	0.47498	0.26667	3			0
010.11	Moisture, NIR (%)	0852	8.4500	0.02000	9.3557	0.81431	0.07429	7	-1.11	5%	0
010.11	Moisture, NIR (%)	0596	8.5800	0.10000	9.3557	0.81431	0.07429	7	-0.95	4%	0
010.11	Moisture, NIR (%)	0889	8.8350	0.03000	9.3557	0.81431	0.07429	7	-0.64	3%	0
010.11	Moisture, NIR (%)	0720	9.6400	0.04000	9.3557	0.81431	0.07429	7	0.35	2%	0
010.11	Moisture, NIR (%)	0553	9.7450	0.05000	9.3557	0.81431	0.07429	7	0.48	2%	0
010.11	Moisture, NIR (%)	2120	10.115	0.13000	9.3557	0.81431	0.07429	7	0.93	4%	0
010.11	Moisture, NIR (%)	2121	10.125	0.15000	9.3557	0.81431	0.07429	7	0.94	4%	0
010.99	Moisture, Miscellaneous (%)	0168	7.7450	0.27000	9.2424	0.42392	0.06011	16	-3.53	8%	0
010.99	Moisture, Miscellaneous (%)	0028	8.3950	0.09000	9.2424	0.42392	0.06011	16	-2.00	5%	0
010.99	Moisture, Miscellaneous (%)	2004	8.8100	0.02000	9.2424	0.42392	0.06011	16	-1.02	2%	0
010.99	Moisture, Miscellaneous (%)	0722	8.8549	0.00180	9.2424	0.42392	0.06011	16	-0.91	2%	0
010.99	Moisture, Miscellaneous (%)	0910	9.0500	0.10000	9.2424	0.42392	0.06011	16	-0.45	1%	0
010.99	Moisture, Miscellaneous (%)	0884	9.2000	0.00000	9.2424	0.42392	0.06011	16	-0.10	0%	0
010.99	Moisture, Miscellaneous (%)	0875	9.2800	0.00000	9.2424	0.42392	0.06011	16	0.09	0%	0
010.99	Moisture, Miscellaneous (%)	0917	9.3000	0.20000	9.2424	0.42392	0.06011	16	0.14	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
010.99	Moisture, Miscellaneous (%)	0952	9.3000	0.00000	9.2424	0.42392	0.06011	16	0.14	0%	0
010.99	Moisture, Miscellaneous (%)	0692	9.3150	0.05000	9.2424	0.42392	0.06011	16	0.17	0%	0
010.99	Moisture, Miscellaneous (%)	2105	9.4100	0.02000	9.2424	0.42392	0.06011	16	0.40	1%	0
010.99	Moisture, Miscellaneous (%)	2129	9.4850	0.13000	9.2424	0.42392	0.06011	16	0.57	1%	0
010.99	Moisture, Miscellaneous (%)	0921	9.4900	0.00000	9.2424	0.42392	0.06011	16	0.58	1%	0
010.99	Moisture, Miscellaneous (%)	0726	9.5350	0.07000	9.2424	0.42392	0.06011	16	0.69	2%	0
010.99	Moisture, Miscellaneous (%)	2127	9.7800	0.00000	9.2424	0.42392	0.06011	16	1.27	3%	0
010.99	Moisture, Miscellaneous (%)	0405	9.8550	0.01000	9.2424	0.42392	0.06011	16	1.45	3%	0
010.99	Moisture, Miscellaneous (%)	0019	8.9600	1.2200	9.2424	0.42392	0.06011	16	-0.67	2%	1
011.01	Loss on Drying, 135°C 2hr (%)	2095	8.8500	0.40000	9.9631	0.32711	0.09758	69	-3.40	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0345	8.9200	0.04000	9.9631	0.32711	0.09758	69	-3.19	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	9.0880	0.07770	9.9631	0.32711	0.09758	69	-2.68	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	9.1210	0.24970	9.9631	0.32711	0.09758	69	-2.57	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	9.4350	0.09000	9.9631	0.32711	0.09758	69	-1.61	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	9.5000	0.02000	9.9631	0.32711	0.09758	69	-1.42	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0955	9.5350	0.29000	9.9631	0.32711	0.09758	69	-1.31	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	9.5597	0.00000	9.9631	0.32711	0.09758	69	-1.23	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	9.5950	0.05000	9.9631	0.32711	0.09758	69	-1.13	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	9.6100	0.14000	9.9631	0.32711	0.09758	69	-1.08	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	9.6150	0.13000	9.9631	0.32711	0.09758	69	-1.06	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	9.6450	0.15000	9.9631	0.32711	0.09758	69	-0.97	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	9.6500	0.10000	9.9631	0.32711	0.09758	69	-0.96	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	9.6728	0.07350	9.9631	0.32711	0.09758	69	-0.89	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	9.6800	0.10000	9.9631	0.32711	0.09758	69	-0.87	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	9.7000	0.40000	9.9631	0.32711	0.09758	69	-0.80	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.7200	0.06000	9.9631	0.32711	0.09758	69	-0.74	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	9.7300	0.02000	9.9631	0.32711	0.09758	69	-0.71	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	9.7600	0.06000	9.9631	0.32711	0.09758	69	-0.62	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	9.7750	0.15000	9.9631	0.32711	0.09758	69	-0.57	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	9.7900	0.32000	9.9631	0.32711	0.09758	69	-0.53	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	9.8050	0.05000	9.9631	0.32711	0.09758	69	-0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	9.8300	0.10000	9.9631	0.32711	0.09758	69	-0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	9.8400	0.06000	9.9631	0.32711	0.09758	69	-0.38	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	9.8450	0.05000	9.9631	0.32711	0.09758	69	-0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0300	9.8602	0.49960	9.9631	0.32711	0.09758	69	-0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	9.8750	0.11000	9.9631	0.32711	0.09758	69	-0.27	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	9.8850	0.11000	9.9631	0.32711	0.09758	69	-0.24	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	9.8950	0.01000	9.9631	0.32711	0.09758	69	-0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	9.9000	0.00000	9.9631	0.32711	0.09758	69	-0.19	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	9.9250	0.05000	9.9631	0.32711	0.09758	69	-0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	9.9350	0.03000	9.9631	0.32711	0.09758	69	-0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	9.9350	0.07000	9.9631	0.32711	0.09758	69	-0.09	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.01	Loss on Drying, 135°C 2hr (%)	0722	9.9611	0.03880	9.9631	0.32711	0.09758	69	-0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	9.9650	0.04000	9.9631	0.32711	0.09758	69	0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	9.9800	0.20000	9.9631	0.32711	0.09758	69	0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	10.000	0.00000	9.9631	0.32711	0.09758	69	0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	10.020	0.10000	9.9631	0.32711	0.09758	69	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	10.021	0.05650	9.9631	0.32711	0.09758	69	0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	10.025	0.11000	9.9631	0.32711	0.09758	69	0.19	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	10.050	0.10000	9.9631	0.32711	0.09758	69	0.27	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	10.060	0.04000	9.9631	0.32711	0.09758	69	0.30	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	10.070	0.20000	9.9631	0.32711	0.09758	69	0.33	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	10.085	0.07000	9.9631	0.32711	0.09758	69	0.37	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	10.105	0.27000	9.9631	0.32711	0.09758	69	0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	10.130	0.10000	9.9631	0.32711	0.09758	69	0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.132	0.01520	9.9631	0.32711	0.09758	69	0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	10.150	0.10000	9.9631	0.32711	0.09758	69	0.57	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	10.150	0.10000	9.9631	0.32711	0.09758	69	0.57	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	10.160	0.08000	9.9631	0.32711	0.09758	69	0.60	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	10.165	0.01000	9.9631	0.32711	0.09758	69	0.62	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	10.170	0.06000	9.9631	0.32711	0.09758	69	0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	10.210	0.06000	9.9631	0.32711	0.09758	69	0.75	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	10.220	0.06000	9.9631	0.32711	0.09758	69	0.79	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	10.220	0.02000	9.9631	0.32711	0.09758	69	0.79	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	10.240	0.06000	9.9631	0.32711	0.09758	69	0.85	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	10.260	0.02000	9.9631	0.32711	0.09758	69	0.91	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	10.265	0.03000	9.9631	0.32711	0.09758	69	0.92	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	10.280	0.02000	9.9631	0.32711	0.09758	69	0.97	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	10.304	0.17700	9.9631	0.32711	0.09758	69	1.04	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	10.315	0.05000	9.9631	0.32711	0.09758	69	1.08	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	10.325	0.07000	9.9631	0.32711	0.09758	69	1.11	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	10.372	0.07500	9.9631	0.32711	0.09758	69	1.25	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	10.400	0.20000	9.9631	0.32711	0.09758	69	1.34	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	10.430	0.00000	9.9631	0.32711	0.09758	69	1.43	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	10.430	0.00000	9.9631	0.32711	0.09758	69	1.43	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	10.445	0.05000	9.9631	0.32711	0.09758	69	1.47	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	10.660	0.08000	9.9631	0.32711	0.09758	69	2.13	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	10.695	0.01000	9.9631	0.32711	0.09758	69	2.24	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	10.050	0.96000	9.9631	0.32711	0.09758	69	0.27	0%	1
011.01	Loss on Drying, 135°C 2hr (%)	0539	10.610	1.0800	9.9631	0.32711	0.09758	69	1.98	3%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	9.6600	0.28000				1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	9.3100	0.32000	9.5200	0.19672	0.26000	3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	9.5500	0.46000	9.5200	0.19672	0.26000	3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	9.7000	0.00000	9.5200	0.19672	0.26000	3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
012.00	Starch, Polarimetric (Ewers) (%)	0609	20.035	0.33000	21.002	0.57315	0.12889	9	-1.69	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0682	20.600	0.00000	21.002	0.57315	0.12889	9	-0.70	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	20.650	0.30000	21.002	0.57315	0.12889	9	-0.61	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	20.760	0.00000	21.002	0.57315	0.12889	9	-0.42	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	20.950	0.30000	21.002	0.57315	0.12889	9	-0.09	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	21.355	0.11000	21.002	0.57315	0.12889	9	0.62	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0638	21.400	0.00000	21.002	0.57315	0.12889	9	0.69	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	21.519	0.00000	21.002	0.57315	0.12889	9	0.90	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	21.640	0.12000	21.002	0.57315	0.12889	9	1.11	2%	0
012.01	Starch, Megazyme (%)	0918	16.231	0.17700	18.196	1.8872	0.34100	7	-1.04	5%	0
012.01	Starch, Megazyme (%)	2004	16.250	0.50000	18.196	1.8872	0.34100	7	-1.03	5%	0
012.01	Starch, Megazyme (%)	0676	17.885	0.33000	18.196	1.8872	0.34100	7	-0.16	1%	0
012.01	Starch, Megazyme (%)	0956	18.300	0.20000	18.196	1.8872	0.34100	7	0.06	0%	0
012.01	Starch, Megazyme (%)	0045	18.750	0.34000	18.196	1.8872	0.34100	7	0.29	2%	0
012.01	Starch, Megazyme (%)	0613	18.930	0.64000	18.196	1.8872	0.34100	7	0.39	2%	0
012.01	Starch, Megazyme (%)	0265	24.000	0.20000	18.196	1.8872	0.34100	7	3.08	16%	0
012.03	Starch, Enzymatic (%)	0889	18.040	1.1400	19.947	1.7803	0.46320	4	-1.07	5%	0
012.03	Starch, Enzymatic (%)	0098	19.000	0.20000	19.947	1.7803	0.46320	4	-0.53	2%	0
012.03	Starch, Enzymatic (%)	0407	20.704	0.24280	19.947	1.7803	0.46320	4	0.43	2%	0
012.03	Starch, Enzymatic (%)	0297	22.045	0.27000	19.947	1.7803	0.46320	4	1.18	5%	0
012.04	Starch, YSI Analyzer (%)	0160	18.670	0.70000	19.018	0.26311	0.28500	4	-1.32	1%	0
012.04	Starch, YSI Analyzer (%)	0278	19.000	0.20000	19.018	0.26311	0.28500	4	-0.07	0%	0
012.04	Starch, YSI Analyzer (%)	0353	19.100	0.04000	19.018	0.26311	0.28500	4	0.31	0%	0
012.04	Starch, YSI Analyzer (%)	0510	19.300	0.20000	19.018	0.26311	0.28500	4	1.07	1%	0
012.11	Starch, NIR (%)	0852	15.210	0.20000	20.649	3.3789	0.39800	5	-1.61	13%	0
012.11	Starch, NIR (%)	0889	19.975	0.03000	20.649	3.3789	0.39800	5	-0.20	2%	0
012.11	Starch, NIR (%)	0720	21.435	0.19000	20.649	3.3789	0.39800	5	0.23	2%	0
012.11	Starch, NIR (%)	0297	22.670	0.44000	20.649	3.3789	0.39800	5	0.60	5%	0
012.11	Starch, NIR (%)	0613	23.955	1.1300	20.649	3.3789	0.39800	5	0.98	8%	0
013.00	Fat, Acid hydrolysis (%)	0083	5.6000	0.32000	6.1277	0.34222	0.22794	15	-1.54	4%	0
013.00	Fat, Acid hydrolysis (%)	0297	5.6950	0.13000	6.1277	0.34222	0.22794	15	-1.26	4%	0
013.00	Fat, Acid hydrolysis (%)	2004	5.8000	0.20000	6.1277	0.34222	0.22794	15	-0.96	3%	0
013.00	Fat, Acid hydrolysis (%)	0689	5.9000	0.20000	6.1277	0.34222	0.22794	15	-0.67	2%	0
013.00	Fat, Acid hydrolysis (%)	0242	5.9400	0.02000	6.1277	0.34222	0.22794	15	-0.55	2%	0
013.00	Fat, Acid hydrolysis (%)	0139	5.9500	0.06000	6.1277	0.34222	0.22794	15	-0.52	1%	0
013.00	Fat, Acid hydrolysis (%)	0504	6.1400	0.02000	6.1277	0.34222	0.22794	15	0.04	0%	0
013.00	Fat, Acid hydrolysis (%)	0555	6.2000	0.60000	6.1277	0.34222	0.22794	15	0.21	1%	0
013.00	Fat, Acid hydrolysis (%)	0884	6.2000	0.00000	6.1277	0.34222	0.22794	15	0.21	1%	0
013.00	Fat, Acid hydrolysis (%)	0910	6.2350	0.25000	6.1277	0.34222	0.22794	15	0.31	1%	0
013.00	Fat, Acid hydrolysis (%)	2057	6.3200	0.20000	6.1277	0.34222	0.22794	15	0.56	2%	0
013.00	Fat, Acid hydrolysis (%)	0229	6.3600	0.18000	6.1277	0.34222	0.22794	15	0.68	2%	0
013.00	Fat, Acid hydrolysis (%)	0309	6.4399	0.15910	6.1277	0.34222	0.22794	15	0.91	3%	0

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013.00	Fat, Acid hydrolysis (%)	0202	6.4800	0.46000	6.1277	0.34222	0.22794	15	1.03	3%	0
013.00	Fat, Acid hydrolysis (%)	2076	8.0270	0.62000	6.1277	0.34222	0.22794	15	5.55	15%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	5.6400	0.06000	6.3312	0.47860	0.10941	17	-1.44	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	5.7850	0.11000	6.3312	0.47860	0.10941	17	-1.14	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	5.8550	0.15000	6.3312	0.47860	0.10941	17	-0.99	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	5.9100	0.08000	6.3312	0.47860	0.10941	17	-0.88	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	5.9500	0.00000	6.3312	0.47860	0.10941	17	-0.80	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0098	6.0100	0.02000	6.3312	0.47860	0.10941	17	-0.67	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	6.0850	0.37000	6.3312	0.47860	0.10941	17	-0.51	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	6.2400	0.08000	6.3312	0.47860	0.10941	17	-0.19	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	6.4050	0.19000	6.3312	0.47860	0.10941	17	0.15	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	6.4600	0.18000	6.3312	0.47860	0.10941	17	0.27	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	6.5800	0.24000	6.3312	0.47860	0.10941	17	0.52	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	6.6700	0.06000	6.3312	0.47860	0.10941	17	0.71	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	6.7200	0.00000	6.3312	0.47860	0.10941	17	0.81	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	6.7650	0.11000	6.3312	0.47860	0.10941	17	0.91	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	6.8200	0.12000	6.3312	0.47860	0.10941	17	1.02	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	6.8650	0.03000	6.3312	0.47860	0.10941	17	1.12	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	6.8700	0.06000	6.3312	0.47860	0.10941	17	1.13	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	5.5650	0.57000	6.3312	0.47860	0.10941	17	-1.60	6%	1
013.08	Fat, Roese-Gottlieb Modified (%)	0035	3.7600	0.30000				2			0
013.08	Fat, Roese-Gottlieb Modified (%)	0618	4.2875	0.05740				2			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	5.1906	0.00380	5.8747	0.38143	0.18163	9	-1.79	6%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2003	5.5850	0.04090	5.8747	0.38143	0.18163	9	-0.76	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	5.6050	0.03000	5.8747	0.38143	0.18163	9	-0.71	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	5.8000	0.06000	5.8747	0.38143	0.18163	9	-0.20	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0638	5.9500	0.10000	5.8747	0.38143	0.18163	9	0.20	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2095	6.0450	0.61000	5.8747	0.38143	0.18163	9	0.45	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	6.0700	0.54000	5.8747	0.38143	0.18163	9	0.51	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0652	6.1000	0.20000	5.8747	0.38143	0.18163	9	0.59	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	6.4150	0.05000	5.8747	0.38143	0.18163	9	1.42	5%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0027	3.9963	0.34650	5.9536	1.3464	0.18390	5	-1.45	16%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	5.6565	0.02300	5.9536	1.3464	0.18390	5	-0.22	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	6.1700	0.08000	5.9536	1.3464	0.18390	5	0.16	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	6.1950	0.17000	5.9536	1.3464	0.18390	5	0.18	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	7.7500	0.30000	5.9536	1.3464	0.18390	5	1.33	15%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0011	86.137	0.86100	102.55	14.388	3.2870	3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	108.50	3.0000	102.55	14.388	3.2870	3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	113.00	6.0000	102.55	14.388	3.2870	3			0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	91.900	9.8000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	70.500	1.0000	87.554	19.996	1.6135	6	-0.85	10%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	73.077	1.7810	87.554	19.996	1.6135	6	-0.72	8%	0

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015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	74.000	2.0000	87.554	19.996	1.6135	6	-0.68	8%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	91.250	1.9000	87.554	19.996	1.6135	6	0.18	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	108.00	0.00000	87.554	19.996	1.6135	6	1.02	12%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	108.50	3.0000	87.554	19.996	1.6135	6	1.05	12%	0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	112.50	13.000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	12.285	0.61000				1			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	10.355	0.13000	12.329	1.6039	0.96870	5	-1.23	8%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	11.950	0.90000	12.329	1.6039	0.96870	5	-0.24	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	12.830	0.27350	12.329	1.6039	0.96870	5	0.31	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	14.180	0.04000	12.329	1.6039	0.96870	5	1.15	8%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0037	22.150	3.5000	12.329	1.6039	0.96870	5	6.12	40%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	0.85100	0.01000	9.7227	6.0315	0.29067	6	-1.47	46%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	6.0000	0.00000	9.7227	6.0315	0.29067	6	-0.62	19%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	10.850	0.30000	9.7227	6.0315	0.29067	6	0.19	6%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	12.000	0.00000	9.7227	6.0315	0.29067	6	0.38	12%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	14.000	1.0000	9.7227	6.0315	0.29067	6	0.71	22%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0168	14.635	0.43400	9.7227	6.0315	0.29067	6	0.81	25%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	2.3480	0.04200	2.5093	0.10885	0.04240	10	-1.48	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2097	2.3771	0.05360	2.5093	0.10885	0.04240	10	-1.21	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	2.4150	0.01000	2.5093	0.10885	0.04240	10	-0.87	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	2.4949	0.01490	2.5093	0.10885	0.04240	10	-0.13	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	2.5400	0.08000	2.5093	0.10885	0.04240	10	0.28	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0937	2.5550	0.01000	2.5093	0.10885	0.04240	10	0.42	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	2.5800	0.00000	2.5093	0.10885	0.04240	10	0.65	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0722	2.5828	0.15350	2.5093	0.10885	0.04240	10	0.68	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	2.5850	0.05000	2.5093	0.10885	0.04240	10	0.70	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	2.6150	0.01000	2.5093	0.10885	0.04240	10	0.97	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	2.2979	0.34440	2.5093	0.10885	0.04240	10	-1.94	4%	1
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	2.6040	0.02390				1			0
019.08	Calcium, EDTA (%)	0629	2.4300	0.00000	2.4843	0.04263	0.03019	7	-1.27	1%	0
019.08	Calcium, EDTA (%)	0138	2.4350	0.03000	2.4843	0.04263	0.03019	7	-1.16	1%	0
019.08	Calcium, EDTA (%)	0885	2.4939	0.00030	2.4843	0.04263	0.03019	7	0.22	0%	0
019.08	Calcium, EDTA (%)	0689	2.4950	0.03000	2.4843	0.04263	0.03019	7	0.25	0%	0
019.08	Calcium, EDTA (%)	0590	2.5000	0.04000	2.4843	0.04263	0.03019	7	0.37	0%	0
019.08	Calcium, EDTA (%)	0940	2.5050	0.11000	2.4843	0.04263	0.03019	7	0.49	0%	0
019.08	Calcium, EDTA (%)	2009	2.5314	0.00100	2.4843	0.04263	0.03019	7	1.10	1%	0
019.08	Calcium, EDTA (%)	0852	2.6000	0.40000	2.4843	0.04263	0.03019	7	2.71	2%	1
019.09	Calcium, Ion-selective electrode (%)	2006	2.2630	0.02200				1			0
019.31	Calcium, AAS, Dry ash (%)	0014	2.3150	0.05000	2.5170	0.10707	0.05120	23	-1.89	4%	0
019.31	Calcium, AAS, Dry ash (%)	0596	2.3450	0.01000	2.5170	0.10707	0.05120	23	-1.61	3%	0
019.31	Calcium, AAS, Dry ash (%)	0066	2.3700	0.06000	2.5170	0.10707	0.05120	23	-1.37	3%	0
019.31	Calcium, AAS, Dry ash (%)	0001	2.4330	0.05000	2.5170	0.10707	0.05120	23	-0.78	2%	0

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019.31	Calcium, AAS, Dry ash (%)	0038	2.4450	0.05000	2.5170	0.10707	0.05120	23	-0.67	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	2.4500	0.10000	2.5170	0.10707	0.05120	23	-0.63	1%	0
019.31	Calcium, AAS, Dry ash (%)	0723	2.4647	0.00000	2.5170	0.10707	0.05120	23	-0.49	1%	0
019.31	Calcium, AAS, Dry ash (%)	0874	2.4658	0.02470	2.5170	0.10707	0.05120	23	-0.48	1%	0
019.31	Calcium, AAS, Dry ash (%)	0650	2.5000	0.06000	2.5170	0.10707	0.05120	23	-0.16	0%	0
019.31	Calcium, AAS, Dry ash (%)	0563	2.5014	0.00290	2.5170	0.10707	0.05120	23	-0.15	0%	0
019.31	Calcium, AAS, Dry ash (%)	0208	2.5015	0.21900	2.5170	0.10707	0.05120	23	-0.15	0%	0
019.31	Calcium, AAS, Dry ash (%)	0638	2.5100	0.06000	2.5170	0.10707	0.05120	23	-0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0142	2.5173	0.08090	2.5170	0.10707	0.05120	23	0.00	0%	0
019.31	Calcium, AAS, Dry ash (%)	0505	2.5200	0.04000	2.5170	0.10707	0.05120	23	0.03	0%	0
019.31	Calcium, AAS, Dry ash (%)	0674	2.5200	0.00000	2.5170	0.10707	0.05120	23	0.03	0%	0
019.31	Calcium, AAS, Dry ash (%)	0354	2.5700	0.02000	2.5170	0.10707	0.05120	23	0.49	1%	0
019.31	Calcium, AAS, Dry ash (%)	0175	2.5800	0.16000	2.5170	0.10707	0.05120	23	0.59	1%	0
019.31	Calcium, AAS, Dry ash (%)	0689	2.6100	0.04000	2.5170	0.10707	0.05120	23	0.87	2%	0
019.31	Calcium, AAS, Dry ash (%)	0884	2.6100	0.02000	2.5170	0.10707	0.05120	23	0.87	2%	0
019.31	Calcium, AAS, Dry ash (%)	0868	2.6250	0.01000	2.5170	0.10707	0.05120	23	1.01	2%	0
019.31	Calcium, AAS, Dry ash (%)	0921	2.6300	0.00000	2.5170	0.10707	0.05120	23	1.06	2%	0
019.31	Calcium, AAS, Dry ash (%)	0108	2.7900	0.12000	2.5170	0.10707	0.05120	23	2.55	5%	0
019.31	Calcium, AAS, Dry ash (%)	0152	3.6000	0.00000	2.5170	0.10707	0.05120	23	10.11	22%	0
019.31	Calcium, AAS, Dry ash (%)	0529	2.2550	0.47000	2.5170	0.10707	0.05120	23	-2.45	5%	1
019.32	Calcium, AAS, Open vessel (%)	0013	2.5800	0.02000	2.6038	0.03449	0.13400	5	-0.69	0%	0
019.32	Calcium, AAS, Open vessel (%)	0169	2.5900	0.04000	2.6038	0.03449	0.13400	5	-0.40	0%	0
019.32	Calcium, AAS, Open vessel (%)	0609	2.5900	0.04000	2.6038	0.03449	0.13400	5	-0.40	0%	0
019.32	Calcium, AAS, Open vessel (%)	0612	2.6550	0.09000	2.6038	0.03449	0.13400	5	1.49	1%	0
019.32	Calcium, AAS, Open vessel (%)	0035	2.7300	0.48000	2.6038	0.03449	0.13400	5	3.66	2%	0
019.33	Calcium, AAS, Microwave (%)	0010	2.6600	0.06000				1			0
019.41	Calcium, ICP, Dry ash (%)	0089	1.7200	0.00000	2.5329	0.13253	0.04571	30	-6.13	16%	0
019.41	Calcium, ICP, Dry ash (%)	0405	2.1250	0.05000	2.5329	0.13253	0.04571	30	-3.08	8%	0
019.41	Calcium, ICP, Dry ash (%)	0144	2.3650	0.05000	2.5329	0.13253	0.04571	30	-1.27	3%	0
019.41	Calcium, ICP, Dry ash (%)	0011	2.4167	0.06350	2.5329	0.13253	0.04571	30	-0.88	2%	0
019.41	Calcium, ICP, Dry ash (%)	0164	2.4250	0.03000	2.5329	0.13253	0.04571	30	-0.81	2%	0
019.41	Calcium, ICP, Dry ash (%)	0511	2.4250	0.11000	2.5329	0.13253	0.04571	30	-0.81	2%	0
019.41	Calcium, ICP, Dry ash (%)	2012	2.4350	0.03000	2.5329	0.13253	0.04571	30	-0.74	2%	0
019.41	Calcium, ICP, Dry ash (%)	0720	2.4400	0.02000	2.5329	0.13253	0.04571	30	-0.70	2%	0
019.41	Calcium, ICP, Dry ash (%)	0910	2.4500	0.04000	2.5329	0.13253	0.04571	30	-0.63	2%	0
019.41	Calcium, ICP, Dry ash (%)	0148	2.4600	0.00000	2.5329	0.13253	0.04571	30	-0.55	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	2.4675	0.09100	2.5329	0.13253	0.04571	30	-0.49	1%	0
019.41	Calcium, ICP, Dry ash (%)	0139	2.4750	0.03000	2.5329	0.13253	0.04571	30	-0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	2.5000	0.00000	2.5329	0.13253	0.04571	30	-0.25	1%	0
019.41	Calcium, ICP, Dry ash (%)	0413	2.5000	0.20000	2.5329	0.13253	0.04571	30	-0.25	1%	0
019.41	Calcium, ICP, Dry ash (%)	0682	2.5000	0.00000	2.5329	0.13253	0.04571	30	-0.25	1%	0
019.41	Calcium, ICP, Dry ash (%)	0018	2.5250	0.01000	2.5329	0.13253	0.04571	30	-0.06	0%	0

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019.41	Calcium, ICP, Dry ash (%)	0074	2.5450	0.05000	2.5329	0.13253	0.04571	30	0.09	0%	0
019.41	Calcium, ICP, Dry ash (%)	0298	2.5600	0.02000	2.5329	0.13253	0.04571	30	0.20	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	2.5650	0.13000	2.5329	0.13253	0.04571	30	0.24	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	2.5650	0.03000	2.5329	0.13253	0.04571	30	0.24	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	2.6190	0.01000	2.5329	0.13253	0.04571	30	0.65	2%	0
019.41	Calcium, ICP, Dry ash (%)	0003	2.6200	0.06000	2.5329	0.13253	0.04571	30	0.66	2%	0
019.41	Calcium, ICP, Dry ash (%)	0004	2.6300	0.10000	2.5329	0.13253	0.04571	30	0.73	2%	0
019.41	Calcium, ICP, Dry ash (%)	0407	2.6401	0.01680	2.5329	0.13253	0.04571	30	0.81	2%	0
019.41	Calcium, ICP, Dry ash (%)	0229	2.6500	0.02000	2.5329	0.13253	0.04571	30	0.88	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	2.6550	0.01000	2.5329	0.13253	0.04571	30	0.92	2%	0
019.41	Calcium, ICP, Dry ash (%)	0848	2.6900	0.08000	2.5329	0.13253	0.04571	30	1.19	3%	0
019.41	Calcium, ICP, Dry ash (%)	0358	2.7350	0.05000	2.5329	0.13253	0.04571	30	1.53	4%	0
019.41	Calcium, ICP, Dry ash (%)	0083	2.7450	0.03000	2.5329	0.13253	0.04571	30	1.60	4%	0
019.41	Calcium, ICP, Dry ash (%)	0619	2.7600	0.04000	2.5329	0.13253	0.04571	30	1.71	4%	0
019.41	Calcium, ICP, Dry ash (%)	0512	2.4475	0.37700	2.5329	0.13253	0.04571	30	-0.64	2%	1
019.42	Calcium, ICP, Open vessel (%)	0555	1.1000	0.00000	2.5469	0.17391	0.05762	21	-8.32	28%	0
019.42	Calcium, ICP, Open vessel (%)	0613	2.3500	0.10000	2.5469	0.17391	0.05762	21	-1.13	4%	0
019.42	Calcium, ICP, Open vessel (%)	0035	2.3700	0.00000	2.5469	0.17391	0.05762	21	-1.02	3%	0
019.42	Calcium, ICP, Open vessel (%)	2129	2.3750	0.01000	2.5469	0.17391	0.05762	21	-0.99	3%	0
019.42	Calcium, ICP, Open vessel (%)	0042	2.3900	0.20000	2.5469	0.17391	0.05762	21	-0.90	3%	0
019.42	Calcium, ICP, Open vessel (%)	0357	2.4800	0.00000	2.5469	0.17391	0.05762	21	-0.38	1%	0
019.42	Calcium, ICP, Open vessel (%)	0560	2.4800	0.08400	2.5469	0.17391	0.05762	21	-0.38	1%	0
019.42	Calcium, ICP, Open vessel (%)	0205	2.4900	0.02000	2.5469	0.17391	0.05762	21	-0.33	1%	0
019.42	Calcium, ICP, Open vessel (%)	0366	2.4950	0.07000	2.5469	0.17391	0.05762	21	-0.30	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	2.5200	0.06000	2.5469	0.17391	0.05762	21	-0.15	1%	0
019.42	Calcium, ICP, Open vessel (%)	0265	2.5350	0.03000	2.5469	0.17391	0.05762	21	-0.07	0%	0
019.42	Calcium, ICP, Open vessel (%)	0009	2.5400	0.06000	2.5469	0.17391	0.05762	21	-0.04	0%	0
019.42	Calcium, ICP, Open vessel (%)	0037	2.5800	0.18000	2.5469	0.17391	0.05762	21	0.19	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	2.5850	0.11000	2.5469	0.17391	0.05762	21	0.22	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	2.6000	0.04000	2.5469	0.17391	0.05762	21	0.31	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	2.6052	0.19800	2.5469	0.17391	0.05762	21	0.34	1%	0
019.42	Calcium, ICP, Open vessel (%)	2053	2.6250	0.01000	2.5469	0.17391	0.05762	21	0.45	2%	0
019.42	Calcium, ICP, Open vessel (%)	0202	2.7550	0.01000	2.5469	0.17391	0.05762	21	1.20	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	2.8220	0.00800	2.5469	0.17391	0.05762	21	1.58	5%	0
019.42	Calcium, ICP, Open vessel (%)	0187	2.8300	0.02000	2.5469	0.17391	0.05762	21	1.63	6%	0
019.42	Calcium, ICP, Open vessel (%)	2110	2.9000	0.00000	2.5469	0.17391	0.05762	21	2.03	7%	0
019.42	Calcium, ICP, Open vessel (%)	0692	2.8750	0.45000	2.5469	0.17391	0.05762	21	1.89	6%	1
019.42	Calcium, ICP, Open vessel (%)	0190	9.4950	0.07000	2.5469	0.17391	0.05762	21	39.95	136%	2
019.43	Calcium, ICP, Microwave (%)	0510	2.2900	0.04000	2.5137	0.14972	0.07570	21	-1.49	4%	0
019.43	Calcium, ICP, Microwave (%)	0043	2.3300	0.06000	2.5137	0.14972	0.07570	21	-1.23	4%	0
019.43	Calcium, ICP, Microwave (%)	0297	2.3500	0.02000	2.5137	0.14972	0.07570	21	-1.09	3%	0
019.43	Calcium, ICP, Microwave (%)	0036	2.3571	0.02340	2.5137	0.14972	0.07570	21	-1.05	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	0675	2.3700	0.02000	2.5137	0.14972	0.07570	21	-0.96	3%	0
019.43	Calcium, ICP, Microwave (%)	0425	2.4250	0.03000	2.5137	0.14972	0.07570	21	-0.59	2%	0
019.43	Calcium, ICP, Microwave (%)	0345	2.4400	0.04000	2.5137	0.14972	0.07570	21	-0.49	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	2.4745	0.10500	2.5137	0.14972	0.07570	21	-0.26	1%	0
019.43	Calcium, ICP, Microwave (%)	0629	2.5050	0.00000	2.5137	0.14972	0.07570	21	-0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	0644	2.5147	0.15440	2.5137	0.14972	0.07570	21	0.01	0%	0
019.43	Calcium, ICP, Microwave (%)	0033	2.5150	0.19000	2.5137	0.14972	0.07570	21	0.01	0%	0
019.43	Calcium, ICP, Microwave (%)	0034	2.5240	0.09000	2.5137	0.14972	0.07570	21	0.07	0%	0
019.43	Calcium, ICP, Microwave (%)	0861	2.5250	0.03000	2.5137	0.14972	0.07570	21	0.08	0%	0
019.43	Calcium, ICP, Microwave (%)	0098	2.5550	0.11000	2.5137	0.14972	0.07570	21	0.28	1%	0
019.43	Calcium, ICP, Microwave (%)	0038	2.5550	0.21000	2.5137	0.14972	0.07570	21	0.28	1%	0
019.43	Calcium, ICP, Microwave (%)	0027	2.6075	0.17900	2.5137	0.14972	0.07570	21	0.63	2%	0
019.43	Calcium, ICP, Microwave (%)	0508	2.6198	0.03890	2.5137	0.14972	0.07570	21	0.71	2%	0
019.43	Calcium, ICP, Microwave (%)	0006	2.6660	0.08600	2.5137	0.14972	0.07570	21	1.02	3%	0
019.43	Calcium, ICP, Microwave (%)	0968	2.6875	0.00300	2.5137	0.14972	0.07570	21	1.16	3%	0
019.43	Calcium, ICP, Microwave (%)	0353	2.8250	0.05000	2.5137	0.14972	0.07570	21	2.08	6%	0
019.43	Calcium, ICP, Microwave (%)	0876	2.8250	0.11000	2.5137	0.14972	0.07570	21	2.08	6%	0
019.43	Calcium, ICP, Microwave (%)	0168	2.6274	0.37200	2.5137	0.14972	0.07570	21	0.76	2%	1
019.44	Calcium, ICP, Dry ash (%)	0955	2.4050	0.11000	2.4602	0.05764	0.05100	3			0
019.44	Calcium, ICP, Dry ash (%)	0065	2.4555	0.00300	2.4602	0.05764	0.05100	3			0
019.44	Calcium, ICP, Dry ash (%)	2004	2.5200	0.04000	2.4602	0.05764	0.05100	3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	2.1600	0.02000				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	2.3970	0.17720				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0300	2.5085	0.38300				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	2.5650	0.23000				2			0
019.99	Calcium, Miscellaneous (%)	0889	2.2000	0.02000	2.6150	0.35875	0.07000	6	-1.16	8%	0
019.99	Calcium, Miscellaneous (%)	2105	2.3500	0.10000	2.6150	0.35875	0.07000	6	-0.74	5%	0
019.99	Calcium, Miscellaneous (%)	0242	2.5850	0.03000	2.6150	0.35875	0.07000	6	-0.08	1%	0
019.99	Calcium, Miscellaneous (%)	0676	2.6300	0.02000	2.6150	0.35875	0.07000	6	0.04	0%	0
019.99	Calcium, Miscellaneous (%)	0100	2.8750	0.15000	2.6150	0.35875	0.07000	6	0.72	5%	0
019.99	Calcium, Miscellaneous (%)	0852	3.0500	0.10000	2.6150	0.35875	0.07000	6	1.21	8%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	2.0000	0.20000	2.1817	0.15893	0.12333	3			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	2.2500	0.10000	2.1817	0.15893	0.12333	3			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	2.2950	0.07000	2.1817	0.15893	0.12333	3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	1.3150	0.05000	1.8493	0.46741	0.05450	3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	2.0500	0.10000	1.8493	0.46741	0.05450	3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	2.1828	0.01350	1.8493	0.46741	0.05450	3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	1.8239	0.35660				2			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	2.0050	0.27400				2			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	1.6900	0.02000	2.1131	0.33650	0.05793	7	-1.26	10%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	1.8600	0.06000	2.1131	0.33650	0.05793	7	-0.75	6%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0675	1.8700	0.02000	2.1131	0.33650	0.05793	7	-0.72	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	2.2750	0.01000	2.1131	0.33650	0.05793	7	0.48	4%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	2.3000	0.20000	2.1131	0.33650	0.05793	7	0.56	4%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	2.3650	0.01000	2.1131	0.33650	0.05793	7	0.75	6%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0508	2.4318	0.08550	2.1131	0.33650	0.05793	7	0.95	8%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.68500	0.03000	1.6713	0.66611	0.07750	4	-1.48	30%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	1.9100	0.04000	1.6713	0.66611	0.07750	4	0.36	7%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	1.9400	0.14000	1.6713	0.66611	0.07750	4	0.40	8%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0366	2.1500	0.10000	1.6713	0.66611	0.07750	4	0.72	14%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	1.7212	0.00000	1.9227	0.23786	0.11665	4	-0.85	5%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	1.7445	0.15900	1.9227	0.23786	0.11665	4	-0.75	5%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0168	2.0001	0.21760	1.9227	0.23786	0.11665	4	0.33	2%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	2.2250	0.09000	1.9227	0.23786	0.11665	4	1.27	8%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	18.550	0.70000	21.663	2.0096	0.64500	12	-1.55	7%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	19.000	2.0000	21.663	2.0096	0.64500	12	-1.32	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0590	19.500	1.0000	21.663	2.0096	0.64500	12	-1.08	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	21.400	0.00000	21.663	2.0096	0.64500	12	-0.13	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0638	22.000	0.00000	21.663	2.0096	0.64500	12	0.17	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	22.000	0.00000	21.663	2.0096	0.64500	12	0.17	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	22.050	0.50000	21.663	2.0096	0.64500	12	0.19	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	22.500	1.0000	21.663	2.0096	0.64500	12	0.42	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	22.500	1.0000	21.663	2.0096	0.64500	12	0.42	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	22.775	0.45000	21.663	2.0096	0.64500	12	0.55	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	22.900	0.80000	21.663	2.0096	0.64500	12	0.62	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	26.225	0.29000	21.663	2.0096	0.64500	12	2.27	11%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0596	28.650	7.9000	21.663	2.0096	0.64500	12	3.48	16%	1
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	15.500	3.0000				2			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	19.500	1.0000				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0038	21.650	2.7000				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	2033	112.50	5.0000				2			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	18.650	0.30000	21.865	1.5445	1.2464	20	-2.08	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	19.000	2.0000	21.865	1.5445	1.2464	20	-1.85	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	19.450	1.1000	21.865	1.5445	1.2464	20	-1.56	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	20.120	0.94000	21.865	1.5445	1.2464	20	-1.13	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	21.000	0.00000	21.865	1.5445	1.2464	20	-0.56	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	21.500	3.0000	21.865	1.5445	1.2464	20	-0.24	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	21.535	1.1300	21.865	1.5445	1.2464	20	-0.21	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	21.544	0.14820	21.865	1.5445	1.2464	20	-0.21	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	21.560	2.7600	21.865	1.5445	1.2464	20	-0.20	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	21.750	2.5000	21.865	1.5445	1.2464	20	-0.07	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0955	22.250	0.70000	21.865	1.5445	1.2464	20	0.25	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	22.420	1.1000	21.865	1.5445	1.2464	20	0.36	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	22.500	1.0000	21.865	1.5445	1.2464	20	0.41	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	22.830	1.2400	21.865	1.5445	1.2464	20	0.62	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0682	22.950	0.00000	21.865	1.5445	1.2464	20	0.70	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	23.000	2.0000	21.865	1.5445	1.2464	20	0.74	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	23.000	2.0000	21.865	1.5445	1.2464	20	0.74	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	23.010	0.90000	21.865	1.5445	1.2464	20	0.74	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	23.500	1.0000	21.865	1.5445	1.2464	20	1.06	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	25.615	1.1100	21.865	1.5445	1.2464	20	2.43	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	28.000	10.000	21.865	1.5445	1.2464	20	3.97	14%	1
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	12.350	2.5000	22.161	2.4622	1.0855	19	-3.98	22%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	19.500	1.0000	22.161	2.4622	1.0855	19	-1.08	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	19.795	0.23000	22.161	2.4622	1.0855	19	-0.96	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	19.950	0.70000	22.161	2.4622	1.0855	19	-0.90	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	20.550	0.50000	22.161	2.4622	1.0855	19	-0.65	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	21.200	0.80000	22.161	2.4622	1.0855	19	-0.39	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	21.300	1.2000	22.161	2.4622	1.0855	19	-0.35	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	21.350	0.50000	22.161	2.4622	1.0855	19	-0.33	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	21.500	1.0000	22.161	2.4622	1.0855	19	-0.27	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	21.845	1.8100	22.161	2.4622	1.0855	19	-0.13	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	22.000	0.00000	22.161	2.4622	1.0855	19	-0.07	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	22.250	1.3000	22.161	2.4622	1.0855	19	0.04	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	22.495	1.4536	22.161	2.4622	1.0855	19	0.14	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	23.300	1.4000	22.161	2.4622	1.0855	19	0.46	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0009	23.850	3.2000	22.161	2.4622	1.0855	19	0.69	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	24.500	1.0000	22.161	2.4622	1.0855	19	0.95	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	25.500	1.0000	22.161	2.4622	1.0855	19	1.36	8%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	25.995	0.05000	22.161	2.4622	1.0855	19	1.56	9%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	33.490	0.98000	22.161	2.4622	1.0855	19	4.60	26%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	23.640	4.9000	22.161	2.4622	1.0855	19	0.60	3%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	17.310	0.28000	21.062	1.8957	0.54615	16	-1.98	9%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	19.150	0.70000	21.062	1.8957	0.54615	16	-1.01	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	19.490	0.26000	21.062	1.8957	0.54615	16	-0.83	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	19.800	0.00000	21.062	1.8957	0.54615	16	-0.67	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	20.000	0.00000	21.062	1.8957	0.54615	16	-0.56	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	20.000	0.00000	21.062	1.8957	0.54615	16	-0.56	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	20.150	1.1000	21.062	1.8957	0.54615	16	-0.48	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0644	20.902	3.6597	21.062	1.8957	0.54615	16	-0.08	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	21.150	0.10000	21.062	1.8957	0.54615	16	0.05	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	21.400	0.20000	21.062	1.8957	0.54615	16	0.18	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0508	21.419	0.80970	21.062	1.8957	0.54615	16	0.19	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	22.235	0.13000	21.062	1.8957	0.54615	16	0.62	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0168	22.266	0.69900	21.062	1.8957	0.54615	16	0.63	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	23.000	0.00000	21.062	1.8957	0.54615	16	1.02	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	24.000	0.20000	21.062	1.8957	0.54615	16	1.55	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	24.400	0.60000	21.062	1.8957	0.54615	16	1.76	8%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	17.000	4.0000	21.062	1.8957	0.54615	16	-2.14	10%	1
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	22.250	0.90000				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	24.525	0.59000				2			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0555	25.000	0.00000				2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	22.450	4.5000				1			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	20.500	1.0000				2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	21.500	3.0000				2			0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0910	8.0500	1.3000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0638	199.00	4.0000	225.65	16.772	3.9207	14	-1.59	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	208.00	0.00000	225.65	16.772	3.9207	14	-1.05	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	215.50	7.0000	225.65	16.772	3.9207	14	-0.61	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	218.20	0.40000	225.65	16.772	3.9207	14	-0.44	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	218.50	3.0000	225.65	16.772	3.9207	14	-0.43	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0921	219.02	0.00000	225.65	16.772	3.9207	14	-0.40	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	220.00	2.0000	225.65	16.772	3.9207	14	-0.34	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	220.00	8.0000	225.65	16.772	3.9207	14	-0.34	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	232.00	0.00000	225.65	16.772	3.9207	14	0.38	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	234.00	4.0000	225.65	16.772	3.9207	14	0.50	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0066	234.60	1.9800	225.65	16.772	3.9207	14	0.53	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	237.54	3.7100	225.65	16.772	3.9207	14	0.71	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	250.50	1.0000	225.65	16.772	3.9207	14	1.48	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0596	264.60	19.800	225.65	16.772	3.9207	14	2.32	9%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	254.00	28.000	225.65	16.772	3.9207	14	1.69	6%	1
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	319.50	23.000				2			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	431.50	21.000				2			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	2033	66.950	4.3000				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	153.50	7.0000	220.22	13.766	5.8480	22	-4.85	15%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	203.50	7.0000	220.22	13.766	5.8480	22	-1.21	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	203.90	1.4000	220.22	13.766	5.8480	22	-1.19	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	208.40	2.8000	220.22	13.766	5.8480	22	-0.86	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	211.00	2.0000	220.22	13.766	5.8480	22	-0.67	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	212.41	2.9600	220.22	13.766	5.8480	22	-0.57	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	213.50	1.0000	220.22	13.766	5.8480	22	-0.49	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	214.22	1.9458	220.22	13.766	5.8480	22	-0.44	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	214.99	0.16000	220.22	13.766	5.8480	22	-0.38	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	216.00	14.000	220.22	13.766	5.8480	22	-0.31	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	217.50	3.0000	220.22	13.766	5.8480	22	-0.20	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	219.50	7.0000	220.22	13.766	5.8480	22	-0.05	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	219.50	11.000	220.22	13.766	5.8480	22	-0.05	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	224.42	8.8800	220.22	13.766	5.8480	22	0.30	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	224.50	11.000	220.22	13.766	5.8480	22	0.31	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	225.95	13.500	220.22	13.766	5.8480	22	0.42	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	229.50	3.0000	220.22	13.766	5.8480	22	0.67	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	230.60	3.4000	220.22	13.766	5.8480	22	0.75	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0682	234.19	0.00000	220.22	13.766	5.8480	22	1.01	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0955	240.00	14.000	220.22	13.766	5.8480	22	1.44	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	255.85	2.7000	220.22	13.766	5.8480	22	2.59	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	296.05	10.910	220.22	13.766	5.8480	22	5.51	17%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	254.00	74.000	220.22	13.766	5.8480	22	2.45	8%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	121.22	2.2400	213.16	26.699	10.405	16	-3.44	22%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	176.50	25.000	213.16	26.699	10.405	16	-1.37	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	193.50	7.0000	213.16	26.699	10.405	16	-0.74	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	195.00	4.0000	213.16	26.699	10.405	16	-0.68	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	196.55	0.50000	213.16	26.699	10.405	16	-0.62	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	198.10	0.60000	213.16	26.699	10.405	16	-0.56	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	211.00	16.000	213.16	26.699	10.405	16	-0.08	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	212.50	1.0000	213.16	26.699	10.405	16	-0.02	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	217.50	5.0000	213.16	26.699	10.405	16	0.16	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	218.75	1.5000	213.16	26.699	10.405	16	0.21	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	226.00	6.0000	213.16	26.699	10.405	16	0.48	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	227.00	2.0000	213.16	26.699	10.405	16	0.52	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	227.26	20.573	213.16	26.699	10.405	16	0.53	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	231.33	5.0600	213.16	26.699	10.405	16	0.68	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	278.00	60.000	213.16	26.699	10.405	16	2.43	15%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	285.00	10.000	213.16	26.699	10.405	16	2.69	17%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	209.50	71.800	213.16	26.699	10.405	16	-0.14	1%	1
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0043	191.50	5.0000	215.57	15.483	5.6867	18	-1.55	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	197.05	10.300	215.57	15.483	5.6867	18	-1.20	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	204.64	6.6400	215.57	15.483	5.6867	18	-0.71	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	206.06	3.2700	215.57	15.483	5.6867	18	-0.61	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	206.50	1.0000	215.57	15.483	5.6867	18	-0.59	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	207.50	5.0000	215.57	15.483	5.6867	18	-0.52	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	208.50	3.0000	215.57	15.483	5.6867	18	-0.46	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	209.50	7.0000	215.57	15.483	5.6867	18	-0.39	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	213.00	0.00000	215.57	15.483	5.6867	18	-0.17	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0168	214.32	6.8900	215.57	15.483	5.6867	18	-0.08	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	216.00	2.0000	215.57	15.483	5.6867	18	0.03	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0644	218.84	6.6300	215.57	15.483	5.6867	18	0.21	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	219.50	17.000	215.57	15.483	5.6867	18	0.25	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	220.50	4.8000	215.57	15.483	5.6867	18	0.32	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0034	231.80	2.8000	215.57	15.483	5.6867	18	1.05	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0508	236.59	7.0300	215.57	15.483	5.6867	18	1.36	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	240.50	9.0000	215.57	15.483	5.6867	18	1.61	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	286.50	5.0000	215.57	15.483	5.6867	18	4.58	16%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	214.63	13.810				2			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0555	285.00	10.000				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	229.50	13.000				1			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	206.50	17.000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	214.00	10.000				2			0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.34000	0.00000	0.37985	0.01855	0.00751	16	-2.15	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.35500	0.00200	0.37985	0.01855	0.00751	16	-1.34	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.36310	0.00240	0.37985	0.01855	0.00751	16	-0.90	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0638	0.36500	0.01000	0.37985	0.01855	0.00751	16	-0.80	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.36695	0.00070	0.37985	0.01855	0.00751	16	-0.70	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.37100	0.01800	0.37985	0.01855	0.00751	16	-0.48	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.37900	0.00800	0.37985	0.01855	0.00751	16	-0.05	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0596	0.38000	0.00000	0.37985	0.01855	0.00751	16	0.01	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.38200	0.00600	0.37985	0.01855	0.00751	16	0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0590	0.38400	0.00200	0.37985	0.01855	0.00751	16	0.22	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.39105	0.00810	0.37985	0.01855	0.00751	16	0.60	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.39350	0.00900	0.37985	0.01855	0.00751	16	0.74	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.39500	0.03000	0.37985	0.01855	0.00751	16	0.82	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.39500	0.01000	0.37985	0.01855	0.00751	16	0.82	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.39735	0.01390	0.37985	0.01855	0.00751	16	0.94	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.43750	0.00000	0.37985	0.01855	0.00751	16	3.11	8%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	133.35	5.1000	0.37985	0.01855	0.00751	16	7168.57	17503%	2
027.32	Magnesium, AAS, Open vessel (%)	0609	0.36500	0.01000	0.38833	0.02255	0.02333	3			0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.39000	0.00000	0.38833	0.02255	0.02333	3			0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.41000	0.06000	0.38833	0.02255	0.02333	3			0
027.33	Magnesium, AAS, Microwave (%)	2033	0.42250	0.00700				1			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.35585	0.00150	0.38408	0.01567	0.00992	23	-1.80	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.36350	0.00100	0.38408	0.01567	0.00992	23	-1.31	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.36400	0.00400	0.38408	0.01567	0.00992	23	-1.28	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.37200	0.00400	0.38408	0.01567	0.00992	23	-0.77	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.37250	0.00700	0.38408	0.01567	0.00992	23	-0.74	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.37500	0.01000	0.38408	0.01567	0.00992	23	-0.58	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.37500	0.03000	0.38408	0.01567	0.00992	23	-0.58	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.37500	0.01000	0.38408	0.01567	0.00992	23	-0.58	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.37500	0.03000	0.38408	0.01567	0.00992	23	-0.58	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.38000	0.02000	0.38408	0.01567	0.00992	23	-0.26	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.38000	0.00000	0.38408	0.01567	0.00992	23	-0.26	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.38325	0.00450	0.38408	0.01567	0.00992	23	-0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.38500	0.01000	0.38408	0.01567	0.00992	23	0.06	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.38500	0.01000	0.38408	0.01567	0.00992	23	0.06	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.41	Magnesium, ICP, Dry ash (%)	0619	0.38900	0.01000	0.38408	0.01567	0.00992	23	0.31	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.39500	0.01000	0.38408	0.01567	0.00992	23	0.70	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.39500	0.03000	0.38408	0.01567	0.00992	23	0.70	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.39550	0.00020	0.38408	0.01567	0.00992	23	0.73	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.40000	0.00000	0.38408	0.01567	0.00992	23	1.02	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.40000	0.00000	0.38408	0.01567	0.00992	23	1.02	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.40100	0.02600	0.38408	0.01567	0.00992	23	1.08	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.40500	0.01000	0.38408	0.01567	0.00992	23	1.33	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0682	0.41000	0.00000	0.38408	0.01567	0.00992	23	1.65	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0555	0.24000	0.00000	0.39152	0.01307	0.00857	19	-11.59	19%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.36000	0.02000	0.39152	0.01307	0.00857	19	-2.41	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.38000	0.00000	0.39152	0.01307	0.00857	19	-0.88	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.38000	0.00000	0.39152	0.01307	0.00857	19	-0.88	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.38050	0.00500	0.39152	0.01307	0.00857	19	-0.84	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.38500	0.01000	0.39152	0.01307	0.00857	19	-0.50	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.38500	0.01000	0.39152	0.01307	0.00857	19	-0.50	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.39000	0.00000	0.39152	0.01307	0.00857	19	-0.12	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.39265	0.00970	0.39152	0.01307	0.00857	19	0.09	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.39470	0.00260	0.39152	0.01307	0.00857	19	0.24	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.39500	0.03000	0.39152	0.01307	0.00857	19	0.27	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.39500	0.01000	0.39152	0.01307	0.00857	19	0.27	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.39500	0.01000	0.39152	0.01307	0.00857	19	0.27	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.39700	0.01800	0.39152	0.01307	0.00857	19	0.42	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.39800	0.01200	0.39152	0.01307	0.00857	19	0.50	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.40000	0.00000	0.39152	0.01307	0.00857	19	0.65	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.40500	0.01000	0.39152	0.01307	0.00857	19	1.03	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.42215	0.00190	0.39152	0.01307	0.00857	19	2.34	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.42475	0.01370	0.39152	0.01307	0.00857	19	2.54	4%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.31000	0.00000	0.37686	0.03002	0.01245	18	-2.23	9%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.33000	0.00000	0.37686	0.03002	0.01245	18	-1.56	6%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.33500	0.01000	0.37686	0.03002	0.01245	18	-1.39	6%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.35350	0.00300	0.37686	0.03002	0.01245	18	-0.78	3%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.36150	0.01100	0.37686	0.03002	0.01245	18	-0.51	2%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.36500	0.01000	0.37686	0.03002	0.01245	18	-0.39	2%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.37000	0.00200	0.37686	0.03002	0.01245	18	-0.23	1%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.37150	0.01500	0.37686	0.03002	0.01245	18	-0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.37500	0.01000	0.37686	0.03002	0.01245	18	-0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.39000	0.02000	0.37686	0.03002	0.01245	18	0.44	2%	0
027.43	Magnesium, ICP, Microwave (%)	0644	0.39005	0.01330	0.37686	0.03002	0.01245	18	0.44	2%	0
027.43	Magnesium, ICP, Microwave (%)	0508	0.39090	0.00440	0.37686	0.03002	0.01245	18	0.47	2%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.39300	0.00600	0.37686	0.03002	0.01245	18	0.54	2%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.39450	0.00900	0.37686	0.03002	0.01245	18	0.59	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.43	Magnesium, ICP, Microwave (%)	0425	0.39500	0.05000	0.37686	0.03002	0.01245	18	0.60	2%	0
027.43	Magnesium, ICP, Microwave (%)	0168	0.40805	0.04790	0.37686	0.03002	0.01245	18	1.04	4%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.41025	0.01150	0.37686	0.03002	0.01245	18	1.11	4%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.41650	0.00100	0.37686	0.03002	0.01245	18	1.32	5%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.38100	0.00200	0.38650	0.00778	0.00867	3			0
027.44	Magnesium, ICP, Dry ash (%)	0065	0.39200	0.00200	0.38650	0.00778	0.00867	3			0
027.44	Magnesium, ICP, Dry ash (%)	0955	0.41100	0.02200	0.38650	0.00778	0.00867	3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.37235	0.00930				1			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.41500	0.01600				1			0
027.99	Magnesium, Miscellaneous (%)	0889	0.36500	0.01000	0.39500	0.03000	0.01667	3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.39500	0.01000	0.39500	0.03000	0.01667	3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.42500	0.03000	0.39500	0.03000	0.01667	3			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	122.00	7.0000	136.41	10.995	5.6221	14	-1.31	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	124.50	1.0000	136.41	10.995	5.6221	14	-1.08	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	125.50	1.0000	136.41	10.995	5.6221	14	-0.99	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	127.00	0.00000	136.41	10.995	5.6221	14	-0.86	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	132.50	10.200	136.41	10.995	5.6221	14	-0.36	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0638	132.50	3.0000	136.41	10.995	5.6221	14	-0.36	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	133.00	4.0000	136.41	10.995	5.6221	14	-0.31	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	140.00	4.0000	136.41	10.995	5.6221	14	0.33	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	140.72	3.4800	136.41	10.995	5.6221	14	0.39	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	142.00	2.0000	136.41	10.995	5.6221	14	0.51	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0590	142.50	11.000	136.41	10.995	5.6221	14	0.55	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	144.57	0.93000	136.41	10.995	5.6221	14	0.74	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	150.00	20.000	136.41	10.995	5.6221	14	1.24	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0596	155.45	11.100	136.41	10.995	5.6221	14	1.73	7%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	130.00	4.0000	136.50	4.9833	6.0000	4	-1.30	2%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	135.50	11.000	136.50	4.9833	6.0000	4	-0.20	0%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0013	139.00	6.0000	136.50	4.9833	6.0000	4	0.50	1%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	141.50	3.0000	136.50	4.9833	6.0000	4	1.00	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	113.50	19.000	131.84	9.9924	4.8680	23	-1.84	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	113.50	3.0000	131.84	9.9924	4.8680	23	-1.84	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	113.50	1.0000	131.84	9.9924	4.8680	23	-1.84	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	118.33	0.35000	131.84	9.9924	4.8680	23	-1.35	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	125.00	4.0000	131.84	9.9924	4.8680	23	-0.68	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	125.52	3.8150	131.84	9.9924	4.8680	23	-0.63	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	126.05	5.1000	131.84	9.9924	4.8680	23	-0.58	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	127.80	0.80000	131.84	9.9924	4.8680	23	-0.40	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	129.00	6.0000	131.84	9.9924	4.8680	23	-0.28	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	132.50	7.0000	131.84	9.9924	4.8680	23	0.07	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	132.86	1.1586	131.84	9.9924	4.8680	23	0.10	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	133.00	2.0000	131.84	9.9924	4.8680	23	0.12	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	134.35	3.5000	131.84	9.9924	4.8680	23	0.25	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	135.15	11.100	131.84	9.9924	4.8680	23	0.33	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	136.50	1.0000	131.84	9.9924	4.8680	23	0.47	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	138.21	0.98000	131.84	9.9924	4.8680	23	0.64	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	139.53	9.0600	131.84	9.9924	4.8680	23	0.77	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	139.85	3.7000	131.84	9.9924	4.8680	23	0.80	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	140.00	6.0000	131.84	9.9924	4.8680	23	0.82	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	140.50	3.0000	131.84	9.9924	4.8680	23	0.87	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	140.63	2.5000	131.84	9.9924	4.8680	23	0.88	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0512	141.05	17.900	131.84	9.9924	4.8680	23	0.92	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0682	145.89	0.00000	131.84	9.9924	4.8680	23	1.41	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	112.70	1.4000	136.76	11.201	3.9625	21	-2.15	9%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2110	120.00	0.00000	136.76	11.201	3.9625	21	-1.50	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	124.00	4.0000	136.76	11.201	3.9625	21	-1.14	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0009	127.65	4.6400	136.76	11.201	3.9625	21	-0.81	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	129.00	2.0000	136.76	11.201	3.9625	21	-0.69	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	130.50	1.0000	136.76	11.201	3.9625	21	-0.56	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	130.50	3.0000	136.76	11.201	3.9625	21	-0.56	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	132.00	4.0000	136.76	11.201	3.9625	21	-0.43	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	135.00	0.00000	136.76	11.201	3.9625	21	-0.16	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	135.25	0.70000	136.76	11.201	3.9625	21	-0.13	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2129	137.55	2.1000	136.76	11.201	3.9625	21	0.07	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	138.00	8.0000	136.76	11.201	3.9625	21	0.11	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	140.56	0.77350	136.76	11.201	3.9625	21	0.34	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	140.95	0.30000	136.76	11.201	3.9625	21	0.37	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	141.05	3.1000	136.76	11.201	3.9625	21	0.38	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	143.01	3.9300	136.76	11.201	3.9625	21	0.56	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	143.50	13.000	136.76	11.201	3.9625	21	0.60	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	145.70	9.4000	136.76	11.201	3.9625	21	0.80	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	150.70	0.59000	136.76	11.201	3.9625	21	1.24	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	174.54	11.280	136.76	11.201	3.9625	21	3.37	14%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	175.00	10.000	136.76	11.201	3.9625	21	3.41	14%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	129.50	19.000	136.76	11.201	3.9625	21	-0.65	3%	1
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	114.50	1.0000	135.02	10.684	4.0303	19	-1.92	8%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	122.00	0.00000	135.02	10.684	4.0303	19	-1.22	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	122.00	0.00000	135.02	10.684	4.0303	19	-1.22	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	126.00	2.0000	135.02	10.684	4.0303	19	-0.84	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	127.00	4.0000	135.02	10.684	4.0303	19	-0.75	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	128.35	1.7000	135.02	10.684	4.0303	19	-0.62	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0168	129.17	1.5500	135.02	10.684	4.0303	19	-0.55	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	133.40	4.1100	135.02	10.684	4.0303	19	-0.15	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	133.72	1.3400	135.02	10.684	4.0303	19	-0.12	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	135.00	0.00000	135.02	10.684	4.0303	19	0.00	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	136.00	6.0000	135.02	10.684	4.0303	19	0.09	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	139.50	4.6000	135.02	10.684	4.0303	19	0.42	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0508	140.77	11.780	135.02	10.684	4.0303	19	0.54	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0644	141.35	6.5565	135.02	10.684	4.0303	19	0.59	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	144.76	9.4400	135.02	10.684	4.0303	19	0.91	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	145.00	2.0000	135.02	10.684	4.0303	19	0.93	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0034	145.05	9.5000	135.02	10.684	4.0303	19	0.94	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	146.50	5.0000	135.02	10.684	4.0303	19	1.07	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	150.90	6.0000	135.02	10.684	4.0303	19	1.49	6%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	136.00	2.0000				2			0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0955	144.50	1.0000				2			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	128.04	4.0100				2			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0555	180.00	20.000				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	142.50	7.0000				1			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	140.50	3.0000				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	145.50	1.0000				2			0
031.00	Phosphorus, Vol (%)	0893	0.93500	0.01000				1			0
031.01	Phosphorus, Photometric (%)	0108	0.69000	0.06000	0.85430	0.03529	0.01152	40	-4.66	10%	0
031.01	Phosphorus, Photometric (%)	0921	0.76900	0.00000	0.85430	0.03529	0.01152	40	-2.42	5%	0
031.01	Phosphorus, Photometric (%)	0689	0.79000	0.02000	0.85430	0.03529	0.01152	40	-1.82	4%	0
031.01	Phosphorus, Photometric (%)	0874	0.79280	0.00700	0.85430	0.03529	0.01152	40	-1.74	4%	0
031.01	Phosphorus, Photometric (%)	0609	0.80000	0.02000	0.85430	0.03529	0.01152	40	-1.54	3%	0
031.01	Phosphorus, Photometric (%)	0723	0.81230	0.00000	0.85430	0.03529	0.01152	40	-1.19	2%	0
031.01	Phosphorus, Photometric (%)	0940	0.82000	0.02000	0.85430	0.03529	0.01152	40	-0.97	2%	0
031.01	Phosphorus, Photometric (%)	2009	0.82530	0.00360	0.85430	0.03529	0.01152	40	-0.82	2%	0
031.01	Phosphorus, Photometric (%)	0884	0.83000	0.00000	0.85430	0.03529	0.01152	40	-0.69	1%	0
031.01	Phosphorus, Photometric (%)	0208	0.83300	0.01000	0.85430	0.03529	0.01152	40	-0.60	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.83500	0.01000	0.85430	0.03529	0.01152	40	-0.55	1%	0
031.01	Phosphorus, Photometric (%)	0622	0.83500	0.01680	0.85430	0.03529	0.01152	40	-0.55	1%	0
031.01	Phosphorus, Photometric (%)	0018	0.83800	0.02600	0.85430	0.03529	0.01152	40	-0.46	1%	0
031.01	Phosphorus, Photometric (%)	0354	0.84000	0.02000	0.85430	0.03529	0.01152	40	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	0552	0.84000	0.02000	0.85430	0.03529	0.01152	40	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	0868	0.84700	0.01200	0.85430	0.03529	0.01152	40	-0.21	0%	0
031.01	Phosphorus, Photometric (%)	0885	0.84735	0.00030	0.85430	0.03529	0.01152	40	-0.20	0%	0
031.01	Phosphorus, Photometric (%)	2068	0.85000	0.00000	0.85430	0.03529	0.01152	40	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	0620	0.85280	0.03100	0.85430	0.03529	0.01152	40	-0.04	0%	0
031.01	Phosphorus, Photometric (%)	0722	0.85445	0.00090	0.85430	0.03529	0.01152	40	0.00	0%	0
031.01	Phosphorus, Photometric (%)	0142	0.85500	0.01000	0.85430	0.03529	0.01152	40	0.02	0%	0
031.01	Phosphorus, Photometric (%)	0728	0.86000	0.02000	0.85430	0.03529	0.01152	40	0.16	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.86770	0.00180	0.85430	0.03529	0.01152	40	0.38	1%	0
031.01	Phosphorus, Photometric (%)	2097	0.86825	0.01450	0.85430	0.03529	0.01152	40	0.40	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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031.01	Phosphorus, Photometric (%)	0674	0.87000	0.00000	0.85430	0.03529	0.01152	40	0.44	1%	0
031.01	Phosphorus, Photometric (%)	0937	0.87000	0.00000	0.85430	0.03529	0.01152	40	0.44	1%	0
031.01	Phosphorus, Photometric (%)	0175	0.87500	0.01000	0.85430	0.03529	0.01152	40	0.59	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.87500	0.01000	0.85430	0.03529	0.01152	40	0.59	1%	0
031.01	Phosphorus, Photometric (%)	0638	0.87500	0.01000	0.85430	0.03529	0.01152	40	0.59	1%	0
031.01	Phosphorus, Photometric (%)	0038	0.87850	0.03300	0.85430	0.03529	0.01152	40	0.69	1%	0
031.01	Phosphorus, Photometric (%)	0651	0.87900	0.00600	0.85430	0.03529	0.01152	40	0.70	1%	0
031.01	Phosphorus, Photometric (%)	0035	0.88000	0.00000	0.85430	0.03529	0.01152	40	0.73	2%	0
031.01	Phosphorus, Photometric (%)	2006	0.88000	0.00400	0.85430	0.03529	0.01152	40	0.73	2%	0
031.01	Phosphorus, Photometric (%)	0626	0.88150	0.02300	0.85430	0.03529	0.01152	40	0.77	2%	0
031.01	Phosphorus, Photometric (%)	0596	0.89000	0.00000	0.85430	0.03529	0.01152	40	1.01	2%	0
031.01	Phosphorus, Photometric (%)	0687	0.89000	0.02000	0.85430	0.03529	0.01152	40	1.01	2%	0
031.01	Phosphorus, Photometric (%)	0066	0.89500	0.01000	0.85430	0.03529	0.01152	40	1.15	2%	0
031.01	Phosphorus, Photometric (%)	0897	0.90050	0.00100	0.85430	0.03529	0.01152	40	1.31	3%	0
031.01	Phosphorus, Photometric (%)	0650	0.92000	0.00000	0.85430	0.03529	0.01152	40	1.86	4%	0
031.01	Phosphorus, Photometric (%)	0511	0.92500	0.01000	0.85430	0.03529	0.01152	40	2.00	4%	0
031.01	Phosphorus, Photometric (%)	0904	0.77000	0.12000	0.85430	0.03529	0.01152	40	-2.39	5%	1
031.01	Phosphorus, Photometric (%)	0152	0.86000	0.08000	0.85430	0.03529	0.01152	40	0.16	0%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.85500	0.01000	0.86532	0.00617	0.00752	5	-1.67	1%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0013	0.86500	0.01000	0.86532	0.00617	0.00752	5	-0.05	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0011	0.86660	0.01760	0.86532	0.00617	0.00752	5	0.21	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	0.87000	0.00000	0.86532	0.00617	0.00752	5	0.76	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.87000	0.00000	0.86532	0.00617	0.00752	5	0.76	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.81500	0.01000	0.84258	0.03809	0.00770	4	-0.72	2%	0
031.03	Phosphorus, Autoanalyzer (%)	0047	0.82500	0.01000	0.84258	0.03809	0.00770	4	-0.46	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.83150	0.00500	0.84258	0.03809	0.00770	4	-0.29	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.89880	0.00580	0.84258	0.03809	0.00770	4	1.48	3%	0
031.06	Phosphorus, Hach Method (%)	0138	0.83000	0.02000				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.61000	0.00000	0.87100	0.04802	0.02143	29	-5.44	15%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.79500	0.01000	0.87100	0.04802	0.02143	29	-1.58	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.80100	0.04200	0.87100	0.04802	0.02143	29	-1.46	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.80350	0.01500	0.87100	0.04802	0.02143	29	-1.41	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.81000	0.02000	0.87100	0.04802	0.02143	29	-1.27	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.84000	0.00000	0.87100	0.04802	0.02143	29	-0.65	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	0.84000	0.00000	0.87100	0.04802	0.02143	29	-0.65	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.84250	0.00500	0.87100	0.04802	0.02143	29	-0.59	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.84500	0.07000	0.87100	0.04802	0.02143	29	-0.54	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.85500	0.03000	0.87100	0.04802	0.02143	29	-0.33	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.86250	0.00500	0.87100	0.04802	0.02143	29	-0.18	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.87500	0.05000	0.87100	0.04802	0.02143	29	0.08	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	0.87500	0.01000	0.87100	0.04802	0.02143	29	0.08	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.87500	0.01000	0.87100	0.04802	0.02143	29	0.08	0%	0

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031.41	Phosphorus, ICP, Dry ash (%)	0171	0.88000	0.00000	0.87100	0.04802	0.02143	29	0.19	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.88000	0.02000	0.87100	0.04802	0.02143	29	0.19	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.88000	0.06000	0.87100	0.04802	0.02143	29	0.19	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0682	0.88000	0.00000	0.87100	0.04802	0.02143	29	0.19	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.88675	0.00910	0.87100	0.04802	0.02143	29	0.33	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.88775	0.01370	0.87100	0.04802	0.02143	29	0.35	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.89015	0.00750	0.87100	0.04802	0.02143	29	0.40	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0512	0.89285	0.06730	0.87100	0.04802	0.02143	29	0.46	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.90000	0.02000	0.87100	0.04802	0.02143	29	0.60	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.90000	0.00000	0.87100	0.04802	0.02143	29	0.60	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.91000	0.02000	0.87100	0.04802	0.02143	29	0.81	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.92000	0.06000	0.87100	0.04802	0.02143	29	1.02	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.95000	0.00700	0.87100	0.04802	0.02143	29	1.65	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.95500	0.05000	0.87100	0.04802	0.02143	29	1.75	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	1.0600	0.02000	0.87100	0.04802	0.02143	29	3.94	11%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	0.70500	0.03000	0.86139	0.03269	0.01857	21	-4.78	9%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.77500	0.01000	0.86139	0.03269	0.01857	21	-2.64	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.82500	0.03000	0.86139	0.03269	0.01857	21	-1.11	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.82650	0.03300	0.86139	0.03269	0.01857	21	-1.07	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.83120	0.00860	0.86139	0.03269	0.01857	21	-0.92	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.84500	0.01000	0.86139	0.03269	0.01857	21	-0.50	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.84700	0.01600	0.86139	0.03269	0.01857	21	-0.44	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.85000	0.00000	0.86139	0.03269	0.01857	21	-0.35	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.85550	0.05500	0.86139	0.03269	0.01857	21	-0.18	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.85700	0.00800	0.86139	0.03269	0.01857	21	-0.13	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.86000	0.00000	0.86139	0.03269	0.01857	21	-0.04	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.87000	0.00000	0.86139	0.03269	0.01857	21	0.26	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.87415	0.00270	0.86139	0.03269	0.01857	21	0.39	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.87500	0.01000	0.86139	0.03269	0.01857	21	0.42	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.88500	0.03000	0.86139	0.03269	0.01857	21	0.72	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.88500	0.01000	0.86139	0.03269	0.01857	21	0.72	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.88800	0.02600	0.86139	0.03269	0.01857	21	0.81	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.89165	0.02950	0.86139	0.03269	0.01857	21	0.93	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.89300	0.03000	0.86139	0.03269	0.01857	21	0.97	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.89500	0.05000	0.86139	0.03269	0.01857	21	1.03	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.93730	0.00120	0.86139	0.03269	0.01857	21	2.32	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.88500	0.09000	0.86139	0.03269	0.01857	21	0.72	1%	1
031.43	Phosphorus, ICP, Microwave (%)	0043	0.80000	0.02000	0.87657	0.04595	0.01658	20	-1.67	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.81500	0.01000	0.87657	0.04595	0.01658	20	-1.34	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.81500	0.01000	0.87657	0.04595	0.01658	20	-1.34	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.83500	0.01000	0.87657	0.04595	0.01658	20	-0.90	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.85000	0.00000	0.87657	0.04595	0.01658	20	-0.58	2%	0

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031.43	Phosphorus, ICP, Microwave (%)	0675	0.85000	0.02000	0.87657	0.04595	0.01658	20	-0.58	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.86200	0.00800	0.87657	0.04595	0.01658	20	-0.32	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.86850	0.00760	0.87657	0.04595	0.01658	20	-0.18	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.87000	0.00000	0.87657	0.04595	0.01658	20	-0.14	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.87050	0.02900	0.87657	0.04595	0.01658	20	-0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0644	0.87620	0.02220	0.87657	0.04595	0.01658	20	-0.01	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.88250	0.01100	0.87657	0.04595	0.01658	20	0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.89000	0.02000	0.87657	0.04595	0.01658	20	0.29	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	0.89950	0.04100	0.87657	0.04595	0.01658	20	0.50	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.90140	0.03060	0.87657	0.04595	0.01658	20	0.54	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.91000	0.00000	0.87657	0.04595	0.01658	20	0.73	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.91250	0.00300	0.87657	0.04595	0.01658	20	0.78	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0508	0.93260	0.07640	0.87657	0.04595	0.01658	20	1.22	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.93750	0.00300	0.87657	0.04595	0.01658	20	1.33	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.94670	0.00980	0.87657	0.04595	0.01658	20	1.53	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0168	0.87570	0.10620	0.87657	0.04595	0.01658	20	-0.02	0%	1
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.86450	0.00500	0.86833	0.00539	0.00933	3			0
031.44	Phosphorus, ICP, Dry ash (%)	0955	0.86600	0.02000	0.86833	0.00539	0.00933	3			0
031.44	Phosphorus, ICP, Dry ash (%)	0065	0.87450	0.00300	0.86833	0.00539	0.00933	3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.78860	0.07700				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0300	0.88950	0.07100				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.89950	0.03700				2			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.80000	0.02000	0.85250	0.03757	0.01833	6	-1.40	3%	0
031.99	Phosphorus, Miscellaneous (%)	0889	0.83000	0.02000	0.85250	0.03757	0.01833	6	-0.60	1%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.86000	0.00000	0.85250	0.03757	0.01833	6	0.20	0%	0
031.99	Phosphorus, Miscellaneous (%)	0852	0.86000	0.04000	0.85250	0.03757	0.01833	6	0.20	0%	0
031.99	Phosphorus, Miscellaneous (%)	0590	0.87000	0.00000	0.85250	0.03757	0.01833	6	0.47	1%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.89500	0.03000	0.85250	0.03757	0.01833	6	1.13	2%	0
032.02	Potassium, Flame Emission (%)	0047	1.2400	0.00000				1			0
032.31	Potassium, AAS, Dry ash (%)	0689	1.1200	0.02000	1.3170	0.08364	0.02573	19	-2.35	7%	0
032.31	Potassium, AAS, Dry ash (%)	0921	1.1480	0.00000	1.3170	0.08364	0.02573	19	-2.02	6%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.1950	0.01000	1.3170	0.08364	0.02573	19	-1.46	5%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.2550	0.01000	1.3170	0.08364	0.02573	19	-0.74	2%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.2600	0.02000	1.3170	0.08364	0.02573	19	-0.68	2%	0
032.31	Potassium, AAS, Dry ash (%)	0505	1.2950	0.05000	1.3170	0.08364	0.02573	19	-0.26	1%	0
032.31	Potassium, AAS, Dry ash (%)	0596	1.2950	0.01000	1.3170	0.08364	0.02573	19	-0.26	1%	0
032.31	Potassium, AAS, Dry ash (%)	0638	1.3050	0.07000	1.3170	0.08364	0.02573	19	-0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	0868	1.3050	0.01000	1.3170	0.08364	0.02573	19	-0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.3075	0.05230	1.3170	0.08364	0.02573	19	-0.11	0%	0
032.31	Potassium, AAS, Dry ash (%)	0014	1.3350	0.09000	1.3170	0.08364	0.02573	19	0.22	1%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.3450	0.03000	1.3170	0.08364	0.02573	19	0.34	1%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.3650	0.01000	1.3170	0.08364	0.02573	19	0.57	2%	0

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032.31	Potassium, AAS, Dry ash (%)	0629	1.3700	0.02000	1.3170	0.08364	0.02573	19	0.63	2%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.3850	0.01000	1.3170	0.08364	0.02573	19	0.81	3%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.3900	0.00000	1.3170	0.08364	0.02573	19	0.87	3%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.3950	0.05000	1.3170	0.08364	0.02573	19	0.93	3%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.4068	0.00660	1.3170	0.08364	0.02573	19	1.07	3%	0
032.31	Potassium, AAS, Dry ash (%)	0066	1.4300	0.02000	1.3170	0.08364	0.02573	19	1.35	4%	0
032.32	Potassium, AAS, Open vessel (%)	0612	1.2100	0.00000	1.3200	0.06442	0.01600	5	-1.71	4%	0
032.32	Potassium, AAS, Open vessel (%)	0169	1.3200	0.00000	1.3200	0.06442	0.01600	5	0.00	0%	0
032.32	Potassium, AAS, Open vessel (%)	0609	1.3400	0.02000	1.3200	0.06442	0.01600	5	0.31	1%	0
032.32	Potassium, AAS, Open vessel (%)	0013	1.3600	0.04000	1.3200	0.06442	0.01600	5	0.62	2%	0
032.32	Potassium, AAS, Open vessel (%)	0035	1.3700	0.02000	1.3200	0.06442	0.01600	5	0.78	2%	0
032.41	Potassium, ICP, Dry ash (%)	0720	1.1750	0.01000	1.3458	0.07334	0.02337	27	-2.33	6%	0
032.41	Potassium, ICP, Dry ash (%)	0011	1.2352	0.00820	1.3458	0.07334	0.02337	27	-1.51	4%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.2600	0.00000	1.3458	0.07334	0.02337	27	-1.17	3%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.2750	0.03000	1.3458	0.07334	0.02337	27	-0.97	3%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.2950	0.01000	1.3458	0.07334	0.02337	27	-0.69	2%	0
032.41	Potassium, ICP, Dry ash (%)	0004	1.3000	0.06000	1.3458	0.07334	0.02337	27	-0.62	2%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.3000	0.00000	1.3458	0.07334	0.02337	27	-0.62	2%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.3015	0.00100	1.3458	0.07334	0.02337	27	-0.60	2%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.3075	0.02500	1.3458	0.07334	0.02337	27	-0.52	1%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.3100	0.00000	1.3458	0.07334	0.02337	27	-0.49	1%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.3150	0.07000	1.3458	0.07334	0.02337	27	-0.42	1%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.3200	0.00000	1.3458	0.07334	0.02337	27	-0.35	1%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.3250	0.01000	1.3458	0.07334	0.02337	27	-0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0083	1.3500	0.02000	1.3458	0.07334	0.02337	27	0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.3500	0.02000	1.3458	0.07334	0.02337	27	0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.3500	0.12000	1.3458	0.07334	0.02337	27	0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	0682	1.3500	0.00000	1.3458	0.07334	0.02337	27	0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	0512	1.3615	0.08900	1.3458	0.07334	0.02337	27	0.21	1%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.3780	0.04200	1.3458	0.07334	0.02337	27	0.44	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.3950	0.07000	1.3458	0.07334	0.02337	27	0.67	2%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.4000	0.00000	1.3458	0.07334	0.02337	27	0.74	2%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.4000	0.02000	1.3458	0.07334	0.02337	27	0.74	2%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.4300	0.00000	1.3458	0.07334	0.02337	27	1.15	3%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.4377	0.00370	1.3458	0.07334	0.02337	27	1.25	3%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.4420	0.00200	1.3458	0.07334	0.02337	27	1.31	4%	0
032.41	Potassium, ICP, Dry ash (%)	0848	1.5350	0.01000	1.3458	0.07334	0.02337	27	2.58	7%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.6950	0.01000	1.3458	0.07334	0.02337	27	4.76	13%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.3300	0.18000	1.3458	0.07334	0.02337	27	-0.22	1%	1
032.42	Potassium, ICP, Open vessel (%)	0555	1.1000	0.00000	1.3846	0.08021	0.01884	21	-3.55	10%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.2700	0.00000	1.3846	0.08021	0.01884	21	-1.43	4%	0
032.42	Potassium, ICP, Open vessel (%)	0613	1.2700	0.02000	1.3846	0.08021	0.01884	21	-1.43	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.42	Potassium, ICP, Open vessel (%)	0009	1.3100	0.02000	1.3846	0.08021	0.01884	21	-0.93	3%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.3300	0.02000	1.3846	0.08021	0.01884	21	-0.68	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.3445	0.00100	1.3846	0.08021	0.01884	21	-0.50	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.3450	0.03000	1.3846	0.08021	0.01884	21	-0.49	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.3700	0.04000	1.3846	0.08021	0.01884	21	-0.18	1%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.3750	0.01000	1.3846	0.08021	0.01884	21	-0.12	0%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.3850	0.01000	1.3846	0.08021	0.01884	21	0.01	0%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.3900	0.04000	1.3846	0.08021	0.01884	21	0.07	0%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.3900	0.04000	1.3846	0.08021	0.01884	21	0.07	0%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.3950	0.01000	1.3846	0.08021	0.01884	21	0.13	0%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.4236	0.03270	1.3846	0.08021	0.01884	21	0.49	1%	0
032.42	Potassium, ICP, Open vessel (%)	0202	1.4250	0.01000	1.3846	0.08021	0.01884	21	0.50	1%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.4350	0.01000	1.3846	0.08021	0.01884	21	0.63	2%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.4390	0.01200	1.3846	0.08021	0.01884	21	0.68	2%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.4400	0.02000	1.3846	0.08021	0.01884	21	0.69	2%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.4650	0.05000	1.3846	0.08021	0.01884	21	1.00	3%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.5400	0.02000	1.3846	0.08021	0.01884	21	1.94	6%	0
032.42	Potassium, ICP, Open vessel (%)	2110	1.6000	0.00000	1.3846	0.08021	0.01884	21	2.69	8%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.1700	0.00000	1.3280	0.06544	0.02122	18	-2.41	6%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.2000	0.00000	1.3280	0.06544	0.02122	18	-1.96	5%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.2740	0.01000	1.3280	0.06544	0.02122	18	-0.83	2%	0
032.43	Potassium, ICP, Microwave (%)	0043	1.2750	0.01000	1.3280	0.06544	0.02122	18	-0.81	2%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.2950	0.03000	1.3280	0.06544	0.02122	18	-0.50	1%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.2950	0.03000	1.3280	0.06544	0.02122	18	-0.50	1%	0
032.43	Potassium, ICP, Microwave (%)	0034	1.3115	0.05100	1.3280	0.06544	0.02122	18	-0.25	1%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.3150	0.03000	1.3280	0.06544	0.02122	18	-0.20	0%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.3250	0.03000	1.3280	0.06544	0.02122	18	-0.05	0%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.3250	0.01000	1.3280	0.06544	0.02122	18	-0.05	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.3300	0.02000	1.3280	0.06544	0.02122	18	0.03	0%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.3450	0.05000	1.3280	0.06544	0.02122	18	0.26	1%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.3525	0.00900	1.3280	0.06544	0.02122	18	0.37	1%	0
032.43	Potassium, ICP, Microwave (%)	0006	1.3755	0.01300	1.3280	0.06544	0.02122	18	0.73	2%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.3800	0.02000	1.3280	0.06544	0.02122	18	0.79	2%	0
032.43	Potassium, ICP, Microwave (%)	0508	1.4050	0.03630	1.3280	0.06544	0.02122	18	1.18	3%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.4150	0.00200	1.3280	0.06544	0.02122	18	1.33	3%	0
032.43	Potassium, ICP, Microwave (%)	0644	1.4318	0.03070	1.3280	0.06544	0.02122	18	1.59	4%	0
032.43	Potassium, ICP, Microwave (%)	0168	1.3707	0.12080	1.3280	0.06544	0.02122	18	0.65	2%	1
032.44	Potassium, ICP, Dry ash (%)	2004	1.3500	0.02000				2			0
032.44	Potassium, ICP, Dry ash (%)	0065	1.4163	0.00250				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	2129	1.2950	0.03000				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.3152	0.00150				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.3700	0.00000				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.99	Potassium, Miscellaneous (%)	0889	1.0100	0.02000	1.2849	0.18696	0.02375	4	-1.47	11%	0
032.99	Potassium, Miscellaneous (%)	0100	1.3350	0.03000	1.2849	0.18696	0.02375	4	0.27	2%	0
032.99	Potassium, Miscellaneous (%)	0001	1.3695	0.03500	1.2849	0.18696	0.02375	4	0.45	3%	0
032.99	Potassium, Miscellaneous (%)	0242	1.4250	0.01000	1.2849	0.18696	0.02375	4	0.75	5%	0
033.00	Salt as chloride, Sol Cl (%)	0298	2.0500	0.02000	2.2108	0.06418	0.03681	17	-2.50	4%	0
033.00	Salt as chloride, Sol Cl (%)	0893	2.1350	0.01000	2.2108	0.06418	0.03681	17	-1.18	2%	0
033.00	Salt as chloride, Sol Cl (%)	0169	2.1550	0.01000	2.2108	0.06418	0.03681	17	-0.87	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	2.1600	0.12000	2.2108	0.06418	0.03681	17	-0.79	1%	0
033.00	Salt as chloride, Sol Cl (%)	0884	2.1700	0.04000	2.2108	0.06418	0.03681	17	-0.64	1%	0
033.00	Salt as chloride, Sol Cl (%)	0723	2.1900	0.00000	2.2108	0.06418	0.03681	17	-0.32	0%	0
033.00	Salt as chloride, Sol Cl (%)	0885	2.1910	0.00190	2.2108	0.06418	0.03681	17	-0.31	0%	0
033.00	Salt as chloride, Sol Cl (%)	0897	2.1950	0.01000	2.2108	0.06418	0.03681	17	-0.25	0%	0
033.00	Salt as chloride, Sol Cl (%)	0511	2.2000	0.08000	2.2108	0.06418	0.03681	17	-0.17	0%	0
033.00	Salt as chloride, Sol Cl (%)	0353	2.2150	0.01000	2.2108	0.06418	0.03681	17	0.07	0%	0
033.00	Salt as chloride, Sol Cl (%)	2009	2.2227	0.00700	2.2108	0.06418	0.03681	17	0.19	0%	0
033.00	Salt as chloride, Sol Cl (%)	0675	2.2300	0.06000	2.2108	0.06418	0.03681	17	0.30	0%	0
033.00	Salt as chloride, Sol Cl (%)	0309	2.2429	0.00690	2.2108	0.06418	0.03681	17	0.50	1%	0
033.00	Salt as chloride, Sol Cl (%)	2068	2.2750	0.03000	2.2108	0.06418	0.03681	17	1.00	1%	0
033.00	Salt as chloride, Sol Cl (%)	0366	2.2800	0.02000	2.2108	0.06418	0.03681	17	1.08	2%	0
033.00	Salt as chloride, Sol Cl (%)	0539	2.3000	0.12000	2.2108	0.06418	0.03681	17	1.39	2%	0
033.00	Salt as chloride, Sol Cl (%)	0674	2.5300	0.08000	2.2108	0.06418	0.03681	17	4.97	7%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.5443	0.53060	2.2108	0.06418	0.03681	17	-10.38	15%	1
033.01	Salt as chloride, Poten Cl (%)	0011	2.1571	0.00790	2.2820	0.06491	0.03010	28	-1.93	3%	0
033.01	Salt as chloride, Poten Cl (%)	0937	2.1650	0.03000	2.2820	0.06491	0.03010	28	-1.80	3%	0
033.01	Salt as chloride, Poten Cl (%)	0425	2.1800	0.00000	2.2820	0.06491	0.03010	28	-1.57	2%	0
033.01	Salt as chloride, Poten Cl (%)	0229	2.2050	0.01000	2.2820	0.06491	0.03010	28	-1.19	2%	0
033.01	Salt as chloride, Poten Cl (%)	0590	2.2150	0.03000	2.2820	0.06491	0.03010	28	-1.03	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	2.2250	0.03000	2.2820	0.06491	0.03010	28	-0.88	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	2.2295	0.00500	2.2820	0.06491	0.03010	28	-0.81	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	2.2600	0.10000	2.2820	0.06491	0.03010	28	-0.34	0%	0
033.01	Salt as chloride, Poten Cl (%)	0413	2.2650	0.11000	2.2820	0.06491	0.03010	28	-0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	2.2700	0.02000	2.2820	0.06491	0.03010	28	-0.19	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	2.2700	0.02000	2.2820	0.06491	0.03010	28	-0.19	0%	0
033.01	Salt as chloride, Poten Cl (%)	0650	2.2750	0.03000	2.2820	0.06491	0.03010	28	-0.11	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	2.2800	0.00000	2.2820	0.06491	0.03010	28	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	2.2800	0.00000	2.2820	0.06491	0.03010	28	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	2.2900	0.00000	2.2820	0.06491	0.03010	28	0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0004	2.2900	0.04000	2.2820	0.06491	0.03010	28	0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0175	2.2900	0.02000	2.2820	0.06491	0.03010	28	0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0629	2.2950	0.01000	2.2820	0.06491	0.03010	28	0.20	0%	0
033.01	Salt as chloride, Poten Cl (%)	0682	2.3000	0.00000	2.2820	0.06491	0.03010	28	0.28	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	2.3050	0.01000	2.2820	0.06491	0.03010	28	0.35	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
033.01	Salt as chloride, Poten Cl (%)	0100	2.3250	0.03000	2.2820	0.06491	0.03010	28	0.66	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	2.3250	0.01000	2.2820	0.06491	0.03010	28	0.66	1%	0
033.01	Salt as chloride, Poten Cl (%)	0205	2.3250	0.07000	2.2820	0.06491	0.03010	28	0.66	1%	0
033.01	Salt as chloride, Poten Cl (%)	0861	2.3350	0.09000	2.2820	0.06491	0.03010	28	0.82	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	2.3500	0.06000	2.2820	0.06491	0.03010	28	1.05	1%	0
033.01	Salt as chloride, Poten Cl (%)	0019	2.4400	0.06000	2.2820	0.06491	0.03010	28	2.43	3%	0
033.01	Salt as chloride, Poten Cl (%)	0596	2.4450	0.03000	2.2820	0.06491	0.03010	28	2.51	4%	0
033.01	Salt as chloride, Poten Cl (%)	0874	2.6937	0.02000	2.2820	0.06491	0.03010	28	6.34	9%	0
033.03	Salt as chloride, Quantab (%)	0726	1.3400	0.30000	1.7230	0.32702	0.09800	5	-1.17	11%	0
033.03	Salt as chloride, Quantab (%)	0190	1.5200	0.16000	1.7230	0.32702	0.09800	5	-0.62	6%	0
033.03	Salt as chloride, Quantab (%)	0265	1.6600	0.00000	1.7230	0.32702	0.09800	5	-0.19	2%	0
033.03	Salt as chloride, Quantab (%)	0505	1.9350	0.03000	1.7230	0.32702	0.09800	5	0.65	6%	0
033.03	Salt as chloride, Quantab (%)	0144	2.1600	0.00000	1.7230	0.32702	0.09800	5	1.34	13%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	2129	2.1000	0.00000	2.1950	0.09260	0.01667	3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	2.2000	0.04000	2.1950	0.09260	0.01667	3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	2.2850	0.01000	2.1950	0.09260	0.01667	3			0
033.99	Salt, Miscellaneous (%)	0027	1.5700	0.01400	2.0179	0.33607	0.05557	7	-1.33	11%	0
033.99	Salt, Miscellaneous (%)	0358	1.6050	0.11000	2.0179	0.33607	0.05557	7	-1.23	10%	0
033.99	Salt, Miscellaneous (%)	0910	2.1350	0.01000	2.0179	0.33607	0.05557	7	0.35	3%	0
033.99	Salt, Miscellaneous (%)	2073	2.1550	0.03000	2.0179	0.33607	0.05557	7	0.41	3%	0
033.99	Salt, Miscellaneous (%)	0552	2.2000	0.02000	2.0179	0.33607	0.05557	7	0.54	5%	0
033.99	Salt, Miscellaneous (%)	0208	2.2300	0.20000	2.0179	0.33607	0.05557	7	0.63	5%	0
033.99	Salt, Miscellaneous (%)	0034	2.2305	0.00500	2.0179	0.33607	0.05557	7	0.63	5%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0638	1.4300	0.00000	1.5350	0.14849	0.03667	3			0
034.01	Selenium, Fluor (mg / kg (ppm))	0038	1.6250	0.11000	1.5350	0.14849	0.03667	3			0
034.01	Selenium, Fluor (mg / kg (ppm))	0098	1.6400	0.00000	1.5350	0.14849	0.03667	3			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	1.4800	0.02000	1.5933	0.11504	0.08667	3			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	1.5900	0.20000	1.5933	0.11504	0.08667	3			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	1.7100	0.04000	1.5933	0.11504	0.08667	3			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0512	1.4985	0.08700				1			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	2.0000	1.6000				1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0675	1.5450	0.13000				1			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.81000	0.06000	1.4163	0.42462	0.04250	4	-1.43	21%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	1.4850	0.03000	1.4163	0.42462	0.04250	4	0.16	2%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	1.5750	0.05000	1.4163	0.42462	0.04250	4	0.37	6%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	1.7950	0.03000	1.4163	0.42462	0.04250	4	0.89	13%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	1.6230	0.00200	1.7262	0.09355	2.1727	5	-1.10	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.6750	0.03000	1.7262	0.09355	2.1727	5	-0.55	1%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2055	1.7800	0.50000	1.7262	0.09355	2.1727	5	0.58	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	1.8267	0.16610	1.7262	0.09355	2.1727	5	1.07	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0168	8.4574	10.165	1.7262	0.09355	2.1727	5	71.95	195%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0555	0.79000	0.08000	1.3250	0.46414	0.05000	3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0045	1.5650	0.05000	1.3250	0.46414	0.05000	3			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	1.6200	0.02000	1.3250	0.46414	0.05000	3			0
035.01	Sodium, Ion-selective electrode (%)	2006	0.56500	0.01000				2			0
035.01	Sodium, Ion-selective electrode (%)	0138	0.65000	0.02000				2			0
035.05	Sodium, Flame Emission (%)	0152	0.53000	0.02000	0.64263	0.07776	0.02275	4	-1.45	9%	0
035.05	Sodium, Flame Emission (%)	0590	0.65550	0.02100	0.64263	0.07776	0.02275	4	0.17	1%	0
035.05	Sodium, Flame Emission (%)	0066	0.68000	0.02000	0.64263	0.07776	0.02275	4	0.48	3%	0
035.05	Sodium, Flame Emission (%)	0108	0.70500	0.03000	0.64263	0.07776	0.02275	4	0.80	5%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.51000	0.02000	0.59930	0.04843	0.00813	14	-1.84	7%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.54500	0.01000	0.59930	0.04843	0.00813	14	-1.12	5%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.57000	0.02000	0.59930	0.04843	0.00813	14	-0.61	2%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.57430	0.00380	0.59930	0.04843	0.00813	14	-0.52	2%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.57800	0.00400	0.59930	0.04843	0.00813	14	-0.44	2%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.58940	0.00000	0.59930	0.04843	0.00813	14	-0.20	1%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.59340	0.00780	0.59930	0.04843	0.00813	14	-0.12	0%	0
035.31	Sodium, AAS, Dry ash (%)	0596	0.60000	0.02000	0.59930	0.04843	0.00813	14	0.01	0%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.60250	0.00300	0.59930	0.04843	0.00813	14	0.07	0%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.60500	0.02400	0.59930	0.04843	0.00813	14	0.12	0%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.61000	0.00000	0.59930	0.04843	0.00813	14	0.22	1%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.65400	0.00000	0.59930	0.04843	0.00813	14	1.13	5%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.67000	0.00000	0.59930	0.04843	0.00813	14	1.46	6%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.78090	0.00120	0.59930	0.04843	0.00813	14	3.75	15%	0
035.31	Sodium, AAS, Dry ash (%)	0638	0.65000	0.08000	0.59930	0.04843	0.00813	14	1.05	4%	1
035.32	Sodium, AAS, Open vessel (%)	0609	0.49500	0.01000	0.54750	0.07425	0.06333	3			0
035.32	Sodium, AAS, Open vessel (%)	0169	0.60000	0.00000	0.54750	0.07425	0.06333	3			0
035.32	Sodium, AAS, Open vessel (%)	0035	0.75000	0.18000	0.54750	0.07425	0.06333	3			0
035.41	Sodium, ICP, Dry ash (%)	0089	0.30000	0.00000	0.60333	0.03535	0.01523	27	-8.58	25%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.55500	0.01000	0.60333	0.03535	0.01523	27	-1.37	4%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.55605	0.00310	0.60333	0.03535	0.01523	27	-1.34	4%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.55900	0.00200	0.60333	0.03535	0.01523	27	-1.25	4%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.57650	0.00100	0.60333	0.03535	0.01523	27	-0.76	2%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.57750	0.00500	0.60333	0.03535	0.01523	27	-0.73	2%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.58500	0.00000	0.60333	0.03535	0.01523	27	-0.52	2%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.58500	0.01000	0.60333	0.03535	0.01523	27	-0.52	2%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.59000	0.02000	0.60333	0.03535	0.01523	27	-0.38	1%	0
035.41	Sodium, ICP, Dry ash (%)	0682	0.59000	0.00000	0.60333	0.03535	0.01523	27	-0.38	1%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.59000	0.04000	0.60333	0.03535	0.01523	27	-0.38	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.59400	0.00200	0.60333	0.03535	0.01523	27	-0.26	1%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.59500	0.03000	0.60333	0.03535	0.01523	27	-0.24	1%	0
035.41	Sodium, ICP, Dry ash (%)	0955	0.59650	0.01300	0.60333	0.03535	0.01523	27	-0.19	1%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.60000	0.06000	0.60333	0.03535	0.01523	27	-0.09	0%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.61275	0.00270	0.60333	0.03535	0.01523	27	0.27	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.41	Sodium, ICP, Dry ash (%)	0083	0.61500	0.01000	0.60333	0.03535	0.01523	27	0.33	1%	0
035.41	Sodium, ICP, Dry ash (%)	0511	0.61500	0.01000	0.60333	0.03535	0.01523	27	0.33	1%	0
035.41	Sodium, ICP, Dry ash (%)	0065	0.62065	0.00130	0.60333	0.03535	0.01523	27	0.49	1%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.62650	0.01700	0.60333	0.03535	0.01523	27	0.66	2%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.62800	0.00220	0.60333	0.03535	0.01523	27	0.70	2%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.63000	0.04000	0.60333	0.03535	0.01523	27	0.75	2%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.63500	0.01000	0.60333	0.03535	0.01523	27	0.90	3%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.64000	0.02000	0.60333	0.03535	0.01523	27	1.04	3%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.65450	0.06500	0.60333	0.03535	0.01523	27	1.45	4%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.67150	0.03100	0.60333	0.03535	0.01523	27	1.93	6%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.70500	0.00600	0.60333	0.03535	0.01523	27	2.88	8%	0
035.42	Sodium, ICP, Open vessel (%)	0555	0.14500	0.03000	0.60829	0.05446	0.01315	17	-8.51	38%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.46000	0.02000	0.60829	0.05446	0.01315	17	-2.72	12%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.52500	0.01000	0.60829	0.05446	0.01315	17	-1.53	7%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.55500	0.05000	0.60829	0.05446	0.01315	17	-0.98	4%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.57900	0.03600	0.60829	0.05446	0.01315	17	-0.54	2%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.60050	0.00500	0.60829	0.05446	0.01315	17	-0.14	1%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.61230	0.00040	0.60829	0.05446	0.01315	17	0.07	0%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.61750	0.00500	0.60829	0.05446	0.01315	17	0.17	1%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.62500	0.01000	0.60829	0.05446	0.01315	17	0.31	1%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.63000	0.02000	0.60829	0.05446	0.01315	17	0.40	2%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.63500	0.01000	0.60829	0.05446	0.01315	17	0.49	2%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.64150	0.00900	0.60829	0.05446	0.01315	17	0.61	3%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.64370	0.00520	0.60829	0.05446	0.01315	17	0.65	3%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.64665	0.00290	0.60829	0.05446	0.01315	17	0.70	3%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.65000	0.00000	0.60829	0.05446	0.01315	17	0.77	3%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.65500	0.01000	0.60829	0.05446	0.01315	17	0.86	4%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.67000	0.00000	0.60829	0.05446	0.01315	17	1.13	5%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.47000	0.00000	0.59614	0.02953	0.01984	17	-4.27	11%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.56000	0.00000	0.59614	0.02953	0.01984	17	-1.22	3%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.56900	0.00400	0.59614	0.02953	0.01984	17	-0.92	2%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.56900	0.01600	0.59614	0.02953	0.01984	17	-0.92	2%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.57500	0.07000	0.59614	0.02953	0.01984	17	-0.72	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.58000	0.02000	0.59614	0.02953	0.01984	17	-0.55	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.58500	0.01000	0.59614	0.02953	0.01984	17	-0.38	1%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.59700	0.02600	0.59614	0.02953	0.01984	17	0.03	0%	0
035.43	Sodium, ICP, Microwave (%)	0508	0.59845	0.02130	0.59614	0.02953	0.01984	17	0.08	0%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.60000	0.02000	0.59614	0.02953	0.01984	17	0.13	0%	0
035.43	Sodium, ICP, Microwave (%)	0644	0.60235	0.01490	0.59614	0.02953	0.01984	17	0.21	1%	0
035.43	Sodium, ICP, Microwave (%)	0006	0.61400	0.00000	0.59614	0.02953	0.01984	17	0.60	1%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.62000	0.00000	0.59614	0.02953	0.01984	17	0.81	2%	0
035.43	Sodium, ICP, Microwave (%)	0168	0.62185	0.07810	0.59614	0.02953	0.01984	17	0.87	2%	0

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035.43	Sodium, ICP, Microwave (%)	0098	0.62500	0.01000	0.59614	0.02953	0.01984	17	0.98	2%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.62550	0.00900	0.59614	0.02953	0.01984	17	0.99	2%	0
035.43	Sodium, ICP, Microwave (%)	2033	0.64500	0.03800	0.59614	0.02953	0.01984	17	1.65	4%	0
035.43	Sodium, ICP, Microwave (%)	0034	2,975.8	5,950.4	0.59614	0.02953	0.01984	17	100757.90	249537%	2
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.61340	0.02620				1			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.61200	0.06600				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0300	0.66200	0.02600				2			0
035.99	Sodium, Miscellaneous (%)	0242	0.60000	0.00000	0.69875	0.12195	0.01750	4	-0.81	7%	0
035.99	Sodium, Miscellaneous (%)	0100	0.64000	0.04000	0.69875	0.12195	0.01750	4	-0.48	4%	0
035.99	Sodium, Miscellaneous (%)	0889	0.68000	0.02000	0.69875	0.12195	0.01750	4	-0.15	1%	0
035.99	Sodium, Miscellaneous (%)	2105	0.87500	0.01000	0.69875	0.12195	0.01750	4	1.45	13%	0
036.04	Sulfur, LECO (%)	0098	0.28000	0.04000	0.31728	0.02726	0.01590	4	-1.37	6%	0
036.04	Sulfur, LECO (%)	0168	0.31410	0.01360	0.31728	0.02726	0.01590	4	-0.12	1%	0
036.04	Sulfur, LECO (%)	0229	0.33500	0.01000	0.31728	0.02726	0.01590	4	0.65	3%	0
036.04	Sulfur, LECO (%)	0226	0.34000	0.00000	0.31728	0.02726	0.01590	4	0.83	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.27000	0.00000	0.33012	0.03261	0.00747	21	-1.84	9%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.28500	0.01000	0.33012	0.03261	0.00747	21	-1.38	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.29500	0.01000	0.33012	0.03261	0.00747	21	-1.08	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.30450	0.01500	0.33012	0.03261	0.00747	21	-0.79	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.30500	0.01000	0.33012	0.03261	0.00747	21	-0.77	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.30500	0.01000	0.33012	0.03261	0.00747	21	-0.77	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.31050	0.00500	0.33012	0.03261	0.00747	21	-0.60	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.32000	0.00000	0.33012	0.03261	0.00747	21	-0.31	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.32000	0.00000	0.33012	0.03261	0.00747	21	-0.31	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.32690	0.00460	0.33012	0.03261	0.00747	21	-0.10	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.33000	0.00000	0.33012	0.03261	0.00747	21	0.00	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.33285	0.00250	0.33012	0.03261	0.00747	21	0.08	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.33505	0.00650	0.33012	0.03261	0.00747	21	0.15	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.34250	0.00500	0.33012	0.03261	0.00747	21	0.38	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.35000	0.02000	0.33012	0.03261	0.00747	21	0.61	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.35500	0.01000	0.33012	0.03261	0.00747	21	0.76	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.35500	0.00800	0.33012	0.03261	0.00747	21	0.76	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.36000	0.02000	0.33012	0.03261	0.00747	21	0.92	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.36500	0.01000	0.33012	0.03261	0.00747	21	1.07	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.37500	0.01000	0.33012	0.03261	0.00747	21	1.38	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.40010	0.00020	0.33012	0.03261	0.00747	21	2.15	11%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.30000	0.00000	0.34342	0.03663	0.01196	11	-1.19	6%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.30500	0.01000	0.34342	0.03663	0.01196	11	-1.05	6%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.32000	0.00000	0.34342	0.03663	0.01196	11	-0.64	3%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.32050	0.00300	0.34342	0.03663	0.01196	11	-0.63	3%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.33050	0.01700	0.34342	0.03663	0.01196	11	-0.35	2%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.33450	0.02500	0.34342	0.03663	0.01196	11	-0.24	1%	0

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036.43	Sulfur, ICP, Microwave (%)	0098	0.35080	0.00080	0.34342	0.03663	0.01196	11	0.20	1%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.36500	0.01000	0.34342	0.03663	0.01196	11	0.59	3%	0
036.43	Sulfur, ICP, Microwave (%)	2033	0.37300	0.01800	0.34342	0.03663	0.01196	11	0.81	4%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.38000	0.02000	0.34342	0.03663	0.01196	11	1.00	5%	0
036.43	Sulfur, ICP, Microwave (%)	0508	0.40110	0.02780	0.34342	0.03663	0.01196	11	1.57	8%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.27405	0.00030				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.34500	0.01000				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.35000	0.00000				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	267.75	9.3000	285.91	15.118	5.1293	14	-1.20	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	269.00	2.0000	285.91	15.118	5.1293	14	-1.12	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	274.50	1.0000	285.91	15.118	5.1293	14	-0.75	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	276.00	2.0000	285.91	15.118	5.1293	14	-0.66	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	278.00	0.00000	285.91	15.118	5.1293	14	-0.52	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0596	278.85	9.1000	285.91	15.118	5.1293	14	-0.47	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	282.00	8.0000	285.91	15.118	5.1293	14	-0.26	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	285.50	3.0000	285.91	15.118	5.1293	14	-0.03	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	288.50	3.0000	285.91	15.118	5.1293	14	0.17	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	291.37	3.2400	285.91	15.118	5.1293	14	0.36	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	293.50	17.000	285.91	15.118	5.1293	14	0.50	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	300.60	6.4000	285.91	15.118	5.1293	14	0.97	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	311.07	1.7700	285.91	15.118	5.1293	14	1.66	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	317.00	6.0000	285.91	15.118	5.1293	14	2.06	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0590	258.50	33.000	285.91	15.118	5.1293	14	-1.81	5%	1
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	248.50	25.000	288.67	45.449	32.667	3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	279.50	13.000	288.67	45.449	32.667	3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	338.00	60.000	288.67	45.449	32.667	3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	270.00	0.00000				1			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	256.40	2.7150	284.72	18.363	9.7956	24	-1.54	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	258.00	32.000	284.72	18.363	9.7956	24	-1.46	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	262.50	5.0000	284.72	18.363	9.7956	24	-1.21	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	266.40	5.6000	284.72	18.363	9.7956	24	-1.00	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	268.90	3.4000	284.72	18.363	9.7956	24	-0.86	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	269.50	5.0000	284.72	18.363	9.7956	24	-0.83	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	270.50	13.000	284.72	18.363	9.7956	24	-0.77	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	275.28	2.6900	284.72	18.363	9.7956	24	-0.51	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	275.50	1.8000	284.72	18.363	9.7956	24	-0.50	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	278.00	2.0000	284.72	18.363	9.7956	24	-0.37	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	281.50	1.0000	284.72	18.363	9.7956	24	-0.18	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	285.50	15.000	284.72	18.363	9.7956	24	0.04	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	285.70	39.000	284.72	18.363	9.7956	24	0.05	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	291.89	7.5600	284.72	18.363	9.7956	24	0.39	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0682	293.58	0.00000	284.72	18.363	9.7956	24	0.48	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	296.51	0.46990	284.72	18.363	9.7956	24	0.64	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	296.70	17.600	284.72	18.363	9.7956	24	0.65	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	298.00	8.0000	284.72	18.363	9.7956	24	0.72	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	300.00	0.00000	284.72	18.363	9.7956	24	0.83	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	300.78	7.7300	284.72	18.363	9.7956	24	0.87	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	301.56	7.7300	284.72	18.363	9.7956	24	0.92	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0512	304.30	18.800	284.72	18.363	9.7956	24	1.07	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0004	306.00	26.000	284.72	18.363	9.7956	24	1.16	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	309.50	13.000	284.72	18.363	9.7956	24	1.35	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	170.00	0.00000	277.27	15.528	8.9794	20	-6.91	19%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2110	250.00	0.00000	277.27	15.528	8.9794	20	-1.76	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	251.00	15.200	277.27	15.528	8.9794	20	-1.69	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	256.10	0.48000	277.27	15.528	8.9794	20	-1.36	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	266.00	6.0000	277.27	15.528	8.9794	20	-0.73	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	266.00	18.000	277.27	15.528	8.9794	20	-0.73	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	278.50	17.400	277.27	15.528	8.9794	20	0.08	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	280.00	24.000	277.27	15.528	8.9794	20	0.18	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	280.50	5.0000	277.27	15.528	8.9794	20	0.21	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	281.50	13.000	277.27	15.528	8.9794	20	0.27	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	281.50	21.000	277.27	15.528	8.9794	20	0.27	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	281.97	3.9900	277.27	15.528	8.9794	20	0.30	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	283.50	6.6000	277.27	15.528	8.9794	20	0.40	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	287.50	9.0000	277.27	15.528	8.9794	20	0.66	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	287.90	0.80000	277.27	15.528	8.9794	20	0.68	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	287.90	18.229	277.27	15.528	8.9794	20	0.68	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	288.00	2.0000	277.27	15.528	8.9794	20	0.69	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	291.75	13.900	277.27	15.528	8.9794	20	0.93	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	291.75	1.9000	277.27	15.528	8.9794	20	0.93	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	293.15	3.0900	277.27	15.528	8.9794	20	1.02	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	329.50	79.000	277.27	15.528	8.9794	20	3.36	9%	1
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	237.00	4.0000	280.11	21.627	4.3222	18	-1.99	8%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	248.00	0.00000	280.11	21.627	4.3222	18	-1.48	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	249.40	1.0000	280.11	21.627	4.3222	18	-1.42	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	261.50	7.0000	280.11	21.627	4.3222	18	-0.86	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0168	272.63	7.7700	280.11	21.627	4.3222	18	-0.35	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	273.00	2.0000	280.11	21.627	4.3222	18	-0.33	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	276.00	0.00000	280.11	21.627	4.3222	18	-0.19	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	277.50	5.0000	280.11	21.627	4.3222	18	-0.12	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	280.32	11.930	280.11	21.627	4.3222	18	0.01	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	283.50	1.0000	280.11	21.627	4.3222	18	0.16	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	283.64	0.82000	280.11	21.627	4.3222	18	0.16	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0644	289.05	0.20000	280.11	21.627	4.3222	18	0.41	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	294.05	1.7000	280.11	21.627	4.3222	18	0.64	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	296.00	10.000	280.11	21.627	4.3222	18	0.73	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0034	296.70	0.80000	280.11	21.627	4.3222	18	0.77	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	298.05	6.5800	280.11	21.627	4.3222	18	0.83	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	303.50	1.0000	280.11	21.627	4.3222	18	1.08	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	311.50	17.000	280.11	21.627	4.3222	18	1.45	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0508	312.14	28.460	280.11	21.627	4.3222	18	1.48	6%	1
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	292.00	2.0000				2			0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0955	300.00	2.0000				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0555	155.00	10.000				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	204.61	1.8700				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	307.50	59.000				1			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	242.50	11.000	278.67	34.009	14.667	3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	283.50	19.000	278.67	34.009	14.667	3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	310.00	14.000	278.67	34.009	14.667	3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	2.3500	0.10000				2			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	2.4493	0.12650				2			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	1.6500	0.10000	2.1829	0.50730	0.15897	3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	2.2386	0.35690	2.1829	0.50730	0.15897	3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	2.6600	0.02000	2.1829	0.50730	0.15897	3			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	1.7650	0.09000	2.4614	0.56687	0.07797	6	-1.23	14%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	2.1300	0.04000	2.4614	0.56687	0.07797	6	-0.58	7%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	2.2150	0.07000	2.4614	0.56687	0.07797	6	-0.43	5%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	2.7000	0.20000	2.4614	0.56687	0.07797	6	0.42	5%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	2.9583	0.06780	2.4614	0.56687	0.07797	6	0.88	10%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	3.0000	0.00000	2.4614	0.56687	0.07797	6	0.95	11%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0508	2.9973	0.52110	2.4614	0.56687	0.07797	6	0.95	11%	1
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.8000	0.00000				2			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	2.4450	0.17000				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	2.2875	0.28900	2.5942	0.27286	0.78283	4	-1.12	6%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	2.6852	0.02750	2.5942	0.27286	0.78283	4	0.33	2%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	2.8100	0.24000	2.5942	0.27286	0.78283	4	0.79	4%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0168	4.1087	2.5748	2.5942	0.27286	0.78283	4	5.55	29%	0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	9.4550	0.13000				1			0
040.43	Barium, ICP, Microwave (mg / kg (ppm))	0508	10.758	0.91200				1			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0555	7.5000	0.40000				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	9.1141	0.08530				1			0
041.43	Vanadium, ICP, Microwave (mg / kg (ppm))	0508	0.36110	0.03400				1			0
041.52	Vanadium, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.0500	0.10000				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.43750	0.02900				1			0
042.00	Chloride, Titrimetric (%)	0297	1.4000	0.00000				1			0
051.03	Chlortetracycline, LC (mg / kg (ppm))	2127	92.855	6.4500				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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051.03	Chlortetracycline, LC (mg / kg (ppm))	0036	0.00000	0.00000				1			4
054.01	Decoquinatate, LC (mg / kg (ppm))	0875	6.5000	1.4000	21.119	3.0275	0.94747	10	-4.83	35%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	2053	17.500	0.80000	21.119	3.0275	0.94747	10	-1.20	9%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	2127	18.855	2.7500	21.119	3.0275	0.94747	10	-0.75	5%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	0036	20.900	0.20000	21.119	3.0275	0.94747	10	-0.07	1%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	0910	21.050	2.7000	21.119	3.0275	0.94747	10	-0.02	0%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	0590	22.000	0.00000	21.119	3.0275	0.94747	10	0.29	2%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	0010	23.150	0.70000	21.119	3.0275	0.94747	10	0.67	5%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	0629	23.500	0.00000	21.119	3.0275	0.94747	10	0.79	6%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	0218	23.754	0.52470	21.119	3.0275	0.94747	10	0.87	6%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	0001	23.900	0.40000	21.119	3.0275	0.94747	10	0.92	7%	0
054.02	Decoquinatate, LC (mg / kg (ppm))	0047	20.270	3.9800	22.573	1.3724	1.3570	9	-1.68	5%	0
054.02	Decoquinatate, LC (mg / kg (ppm))	0038	21.420	0.26000	22.573	1.3724	1.3570	9	-0.84	3%	0
054.02	Decoquinatate, LC (mg / kg (ppm))	0004	22.235	1.2900	22.573	1.3724	1.3570	9	-0.25	1%	0
054.02	Decoquinatate, LC (mg / kg (ppm))	0027	22.341	0.18300	22.573	1.3724	1.3570	9	-0.17	1%	0
054.02	Decoquinatate, LC (mg / kg (ppm))	0032	22.500	2.2000	22.573	1.3724	1.3570	9	-0.05	0%	0
054.02	Decoquinatate, LC (mg / kg (ppm))	0014	22.600	3.8000	22.573	1.3724	1.3570	9	0.02	0%	0
054.02	Decoquinatate, LC (mg / kg (ppm))	0033	23.050	0.30000	22.573	1.3724	1.3570	9	0.35	1%	0
054.02	Decoquinatate, LC (mg / kg (ppm))	0006	24.000	0.00000	22.573	1.3724	1.3570	9	1.04	3%	0
054.02	Decoquinatate, LC (mg / kg (ppm))	0013	24.500	0.20000	22.573	1.3724	1.3570	9	1.40	4%	0
054.99	Decoquinatate, Miscellaneous (mg / kg (ppm))	0610	26.550	0.30000				1			0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0875	14.500	1.0000	54.592	5.9507	0.87616	11	-6.74	37%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0043	46.195	1.6900	54.592	5.9507	0.87616	11	-1.41	8%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0910	49.950	2.5000	54.592	5.9507	0.87616	11	-0.78	4%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0038	53.395	0.45000	54.592	5.9507	0.87616	11	-0.20	1%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0590	55.000	0.00000	54.592	5.9507	0.87616	11	0.07	0%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0035	56.055	0.27000	54.592	5.9507	0.87616	11	0.25	1%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0629	57.000	0.00000	54.592	5.9507	0.87616	11	0.40	2%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0036	57.800	0.40000	54.592	5.9507	0.87616	11	0.54	3%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0218	59.197	0.02780	54.592	5.9507	0.87616	11	0.77	4%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	2053	59.300	0.40000	54.592	5.9507	0.87616	11	0.79	4%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0001	60.950	2.9000	54.592	5.9507	0.87616	11	1.07	6%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0047	54.675	2.4500	60.746	5.7896	2.5413	8	-1.05	5%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0013	54.900	5.0000	60.746	5.7896	2.5413	8	-1.01	5%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0032	58.350	2.5000	60.746	5.7896	2.5413	8	-0.41	2%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0033	58.800	2.0000	60.746	5.7896	2.5413	8	-0.34	2%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0010	61.235	0.99000	60.746	5.7896	2.5413	8	0.08	0%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0512	63.525	0.69000	60.746	5.7896	2.5413	8	0.48	2%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0014	65.050	5.7000	60.746	5.7896	2.5413	8	0.74	4%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	2127	200.50	1.0000	60.746	5.7896	2.5413	8	24.14	115%	0
061.99	Lasalocid Sodium, Miscellaneous (mg / kg (ppm))	0610	54.350	1.3000				2			0
061.99	Lasalocid Sodium, Miscellaneous (mg / kg (ppm))	2055	55.000	12.000				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
073.00	Oxytetracycline, Plate (mg / kg (ppm))	0043	97.800	0.40000				1			0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0613	70.690	39.580	95.721	18.292	14.047	7	-1.37	13%	0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0036	80.950	3.1000	95.721	18.292	14.047	7	-0.81	8%	0
073.03	Oxytetracycline, LC (mg / kg (ppm))	2053	92.500	5.0000	95.721	18.292	14.047	7	-0.18	2%	0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0218	93.755	0.94700	95.721	18.292	14.047	7	-0.11	1%	0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0917	108.50	5.0000	95.721	18.292	14.047	7	0.70	7%	0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0875	108.65	18.900	95.721	18.292	14.047	7	0.71	7%	0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0038	115.00	25.800	95.721	18.292	14.047	7	1.05	10%	0
073.04	Oxytetracycline, LC, AOAC (mg / kg (ppm))	0033	83.050	1.1000	90.713	8.0443	6.0250	4	-0.95	4%	0
073.04	Oxytetracycline, LC, AOAC (mg / kg (ppm))	0001	85.900	0.00000	90.713	8.0443	6.0250	4	-0.60	3%	0
073.04	Oxytetracycline, LC, AOAC (mg / kg (ppm))	0032	92.800	5.2000	90.713	8.0443	6.0250	4	0.26	1%	0
073.04	Oxytetracycline, LC, AOAC (mg / kg (ppm))	0013	101.10	17.800	90.713	8.0443	6.0250	4	1.29	6%	0
092.99	Fenbendazole, Miscellaneous (mg / kg (ppm))	2053	35.550	0.30000	38.983	2.9939	1.1175	4	-1.15	4%	0
092.99	Fenbendazole, Miscellaneous (mg / kg (ppm))	0038	36.285	3.5700	38.983	2.9939	1.1175	4	-0.90	3%	0
092.99	Fenbendazole, Miscellaneous (mg / kg (ppm))	0001	40.350	0.30000	38.983	2.9939	1.1175	4	0.46	2%	0
092.99	Fenbendazole, Miscellaneous (mg / kg (ppm))	0910	41.050	0.30000	38.983	2.9939	1.1175	4	0.69	3%	0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0675	219.69	34.540				1			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	853.00	66.000				1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	1,685.0	110.00				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	745.50	5.0000				1			0
102.02	Niacin, LC (mg / kg (ppm))	0675	699.52	25.000	761.51	87.667	100.25	3			0
102.02	Niacin, LC (mg / kg (ppm))	2103	823.50	17.000	761.51	87.667	100.25	3			0
102.02	Niacin, LC (mg / kg (ppm))	0027	1,041.8	258.76	761.51	87.667	100.25	3			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	8.9550	0.59000				1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0629	2.9300	0.10000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	2.7850	0.13000				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	5.6500	1.3000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	1.3750	0.11000	1.9102	0.84203	0.09123	4	-0.64	14%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0208	1.4450	0.19000	1.9102	0.84203	0.09123	4	-0.55	12%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0027	1.6609	0.02490	1.9102	0.84203	0.09123	4	-0.30	7%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0644	3.1600	0.04000	1.9102	0.84203	0.09123	4	1.48	33%	0
105.00	Thiamine, LC (mg / kg (ppm))	0208	4.0400	0.55000	5.6575	1.1248	0.24000	4	-1.44	14%	0
105.00	Thiamine, LC (mg / kg (ppm))	0644	5.7650	0.25000	5.6575	1.1248	0.24000	4	0.10	1%	0
105.00	Thiamine, LC (mg / kg (ppm))	0629	6.2950	0.00000	5.6575	1.1248	0.24000	4	0.57	6%	0
105.00	Thiamine, LC (mg / kg (ppm))	0910	6.5300	0.16000	5.6575	1.1248	0.24000	4	0.78	8%	0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	8.4400	0.54000				1			0
106.00	Vitamin A, Color (KU / kg)	0027	36.434	0.37580				2			0
106.00	Vitamin A, Color (KU / kg)	0019	57.365	1.0300				2			0
106.01	Vitamin A, UV (KU / kg)	0098	45.300	11.000				2			0
106.01	Vitamin A, UV (KU / kg)	0512	50.115	9.3500				2			0
106.02	Vitamin A, LC (KU / kg)	0638	24.000	0.00000	38.216	9.6665	1.8778	19	-1.47	19%	0
106.02	Vitamin A, LC (KU / kg)	2053	26.250	0.50000	38.216	9.6665	1.8778	19	-1.24	16%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
106.02	Vitamin A, LC (KU / kg)	0905	29.632	0.40200	38.216	9.6665	1.8778	19	-0.89	11%	0
106.02	Vitamin A, LC (KU / kg)	0555	30.470	1.6600	38.216	9.6665	1.8778	19	-0.80	10%	0
106.02	Vitamin A, LC (KU / kg)	0003	32.850	1.3000	38.216	9.6665	1.8778	19	-0.56	7%	0
106.02	Vitamin A, LC (KU / kg)	0610	33.850	0.30000	38.216	9.6665	1.8778	19	-0.45	6%	0
106.02	Vitamin A, LC (KU / kg)	0227	34.400	0.60000	38.216	9.6665	1.8778	19	-0.39	5%	0
106.02	Vitamin A, LC (KU / kg)	0004	34.790	2.1200	38.216	9.6665	1.8778	19	-0.35	4%	0
106.02	Vitamin A, LC (KU / kg)	0875	35.000	0.00000	38.216	9.6665	1.8778	19	-0.33	4%	0
106.02	Vitamin A, LC (KU / kg)	0861	37.500	3.0000	38.216	9.6665	1.8778	19	-0.07	1%	0
106.02	Vitamin A, LC (KU / kg)	0563	38.011	3.6777	38.216	9.6665	1.8778	19	-0.02	0%	0
106.02	Vitamin A, LC (KU / kg)	0910	38.300	1.8000	38.216	9.6665	1.8778	19	0.01	0%	0
106.02	Vitamin A, LC (KU / kg)	0208	39.903	3.5280	38.216	9.6665	1.8778	19	0.17	2%	0
106.02	Vitamin A, LC (KU / kg)	0689	42.700	1.4000	38.216	9.6665	1.8778	19	0.46	6%	0
106.02	Vitamin A, LC (KU / kg)	2103	43.090	1.4400	38.216	9.6665	1.8778	19	0.50	6%	0
106.02	Vitamin A, LC (KU / kg)	0148	49.350	4.6000	38.216	9.6665	1.8778	19	1.15	15%	0
106.02	Vitamin A, LC (KU / kg)	0675	50.575	0.75000	38.216	9.6665	1.8778	19	1.28	16%	0
106.02	Vitamin A, LC (KU / kg)	0014	52.900	1.6000	38.216	9.6665	1.8778	19	1.52	19%	0
106.02	Vitamin A, LC (KU / kg)	0169	66.500	7.0000	38.216	9.6665	1.8778	19	2.93	37%	0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	5.0000	0.00000				2			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0676	7.8850	1.1900				2			0
108.02	Vitamin D3, LC (KU / kg)	0610	4.3000	0.60000	5.3900	0.95661	1.0000	5	-1.14	10%	0
108.02	Vitamin D3, LC (KU / kg)	0675	5.7800	0.10000	5.3900	0.95661	1.0000	5	0.41	4%	0
108.02	Vitamin D3, LC (KU / kg)	0227	6.0900	0.56000	5.3900	0.95661	1.0000	5	0.73	6%	0
108.02	Vitamin D3, LC (KU / kg)	0208	7.8850	3.4700	5.3900	0.95661	1.0000	5	2.61	23%	0
108.02	Vitamin D3, LC (KU / kg)	2066	33.285	0.27000	5.3900	0.95661	1.0000	5	29.16	259%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	5.7650	0.11000				1			0
109.02	Vitamin E, LC (IU/kg)	0169	114.00	4.0000	247.32	55.851	9.9561	20	-2.39	27%	0
109.02	Vitamin E, LC (IU/kg)	0675	182.63	12.480	247.32	55.851	9.9561	20	-1.16	13%	0
109.02	Vitamin E, LC (IU/kg)	2053	185.00	4.0000	247.32	55.851	9.9561	20	-1.12	13%	0
109.02	Vitamin E, LC (IU/kg)	0590	210.84	0.00000	247.32	55.851	9.9561	20	-0.65	7%	0
109.02	Vitamin E, LC (IU/kg)	0208	210.91	10.022	247.32	55.851	9.9561	20	-0.65	7%	0
109.02	Vitamin E, LC (IU/kg)	0098	214.50	15.000	247.32	55.851	9.9561	20	-0.59	7%	0
109.02	Vitamin E, LC (IU/kg)	2103	224.50	3.0000	247.32	55.851	9.9561	20	-0.41	5%	0
109.02	Vitamin E, LC (IU/kg)	0861	230.00	0.00000	247.32	55.851	9.9561	20	-0.31	4%	0
109.02	Vitamin E, LC (IU/kg)	0036	235.20	1.2000	247.32	55.851	9.9561	20	-0.22	2%	0
109.02	Vitamin E, LC (IU/kg)	0610	235.50	1.0000	247.32	55.851	9.9561	20	-0.21	2%	0
109.02	Vitamin E, LC (IU/kg)	0910	245.65	8.7000	247.32	55.851	9.9561	20	-0.03	0%	0
109.02	Vitamin E, LC (IU/kg)	0227	246.00	6.0000	247.32	55.851	9.9561	20	-0.02	0%	0
109.02	Vitamin E, LC (IU/kg)	0563	249.07	16.829	247.32	55.851	9.9561	20	0.03	0%	0
109.02	Vitamin E, LC (IU/kg)	0723	256.06	0.00000	247.32	55.851	9.9561	20	0.16	2%	0
109.02	Vitamin E, LC (IU/kg)	0148	276.40	3.4000	247.32	55.851	9.9561	20	0.52	6%	0
109.02	Vitamin E, LC (IU/kg)	0676	282.95	8.8900	247.32	55.851	9.9561	20	0.64	7%	0
109.02	Vitamin E, LC (IU/kg)	0905	316.50	43.000	247.32	55.851	9.9561	20	1.24	14%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
109.02	Vitamin E, LC (IU/kg)	0638	319.00	0.00000	247.32	55.851	9.9561	20	1.28	14%	0
109.02	Vitamin E, LC (IU/kg)	0038	334.00	61.600	247.32	55.851	9.9561	20	1.55	18%	0
109.02	Vitamin E, LC (IU/kg)	0555	385.00	0.00000	247.32	55.851	9.9561	20	2.47	28%	0
109.02	Vitamin E, LC (IU/kg)	0027	215.54	95.666	247.32	55.851	9.9561	20	-0.57	6%	1
109.99	Vitamin E, Miscellaneous (IU/kg)	0171	93.500	1.0000				1			0
112.01	Pyridoxine, LC (µg / g)	0227	5.3800	0.50000				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	1.2800	0.06000				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.43150	0.00900				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0035	0.41000	0.04000	1.2662	1.4814	0.02718	6	-0.58	34%	0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0512	0.41215	0.01310	1.2662	1.4814	0.02718	6	-0.58	34%	0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0033	0.43000	0.00000	1.2662	1.4814	0.02718	6	-0.56	33%	0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0596	0.44500	0.01000	1.2662	1.4814	0.02718	6	-0.55	32%	0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0098	2.8350	0.07000	1.2662	1.4814	0.02718	6	1.06	62%	0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0004	3.0650	0.03000	1.2662	1.4814	0.02718	6	1.21	71%	0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0366	2.8000	0.20000	1.2662	1.4814	0.02718	6	1.04	61%	1
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.0550	0.01000	1.1572	0.03275	0.01320	16	-3.12	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.1150	0.03000	1.1572	0.03275	0.01320	16	-1.29	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0662	1.1276	0.01660	1.1572	0.03275	0.01320	16	-0.90	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.1380	0.01000	1.1572	0.03275	0.01320	16	-0.59	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.1450	0.01400	1.1572	0.03275	0.01320	16	-0.37	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.1450	0.01000	1.1572	0.03275	0.01320	16	-0.37	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.1545	0.00500	1.1572	0.03275	0.01320	16	-0.08	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	1.1550	0.01000	1.1572	0.03275	0.01320	16	-0.07	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.1550	0.01000	1.1572	0.03275	0.01320	16	-0.07	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.1550	0.01000	1.1572	0.03275	0.01320	16	-0.07	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.1687	0.00430	1.1572	0.03275	0.01320	16	0.35	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.1695	0.00500	1.1572	0.03275	0.01320	16	0.37	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	1.1718	0.02630	1.1572	0.03275	0.01320	16	0.44	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.1950	0.03000	1.1572	0.03275	0.01320	16	1.15	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0955	1.2500	0.00000	1.1572	0.03275	0.01320	16	2.83	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	1.2610	0.02000	1.1572	0.03275	0.01320	16	3.17	4%	0
120.01	Alanine, Pre-col OPA Der (%)	0297	1.0405	0.02500				1			0
120.02	Alanine, Post-col OPA Der (%)	0098	1.1890	0.01400				1			0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.0825	0.02700	1.1408	0.05270	0.03567	3			0
120.05	Alanine, Pre-col AQC Der (%)	0610	1.1550	0.01000	1.1408	0.05270	0.03567	3			0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.1850	0.07000	1.1408	0.05270	0.03567	3			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.8600	0.00000	2.0917	0.06571	0.01754	16	-3.53	6%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0662	1.9343	0.00610	2.0917	0.06571	0.01754	16	-2.40	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	2.0200	0.00000	2.0917	0.06571	0.01754	16	-1.09	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	2.0425	0.03300	2.0917	0.06571	0.01754	16	-0.75	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	2.0735	0.00300	2.0917	0.06571	0.01754	16	-0.28	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	2.0750	0.01000	2.0917	0.06571	0.01754	16	-0.25	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	2.0794	0.03100	2.0917	0.06571	0.01754	16	-0.19	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	2.0800	0.02000	2.0917	0.06571	0.01754	16	-0.18	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	2.1130	0.01200	2.0917	0.06571	0.01754	16	0.32	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	2.1150	0.01000	2.0917	0.06571	0.01754	16	0.36	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	2.1155	0.00900	2.0917	0.06571	0.01754	16	0.36	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0955	2.1350	0.03000	2.0917	0.06571	0.01754	16	0.66	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	2.1410	0.01000	2.0917	0.06571	0.01754	16	0.75	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	2.1454	0.00650	2.0917	0.06571	0.01754	16	0.82	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	2.1550	0.05000	2.0917	0.06571	0.01754	16	0.96	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	2.2350	0.05000	2.0917	0.06571	0.01754	16	2.18	3%	0
121.01	Arginine, Pre-col OPA Der (%)	0297	2.1700	0.04800				1			0
121.02	Arginine, Post-col OPA Der (%)	0098	2.1030	0.01600				1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	2.0835	0.04100	2.1312	0.04247	0.10033	3			0
121.05	Arginine, Pre-col AQC Der (%)	0610	2.1450	0.09000	2.1312	0.04247	0.10033	3			0
121.05	Arginine, Pre-col AQC Der (%)	0676	2.1650	0.17000	2.1312	0.04247	0.10033	3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.9950	0.01000	2.2796	0.07711	0.02506	15	-3.69	6%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0662	2.1814	0.03340	2.2796	0.07711	0.02506	15	-1.27	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	2.2050	0.03000	2.2796	0.07711	0.02506	15	-0.97	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	2.2510	0.04200	2.2796	0.07711	0.02506	15	-0.37	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	2.2550	0.03000	2.2796	0.07711	0.02506	15	-0.32	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	2.2640	0.00000	2.2796	0.07711	0.02506	15	-0.20	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	2.2642	0.03430	2.2796	0.07711	0.02506	15	-0.20	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	2.2645	0.00900	2.2796	0.07711	0.02506	15	-0.20	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	2.2700	0.02000	2.2796	0.07711	0.02506	15	-0.13	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	2.2950	0.05000	2.2796	0.07711	0.02506	15	0.20	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	2.3185	0.00900	2.2796	0.07711	0.02506	15	0.50	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	2.3300	0.02000	2.2796	0.07711	0.02506	15	0.65	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	2.3534	0.02320	2.2796	0.07711	0.02506	15	0.96	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	2.3835	0.00500	2.2796	0.07711	0.02506	15	1.35	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	2.5100	0.06000	2.2796	0.07711	0.02506	15	2.99	5%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0955	12.315	20.070	2.2796	0.07711	0.02506	15	130.15	220%	2
122.01	Aspartic, Pre-col OPA Der (%)	0297	2.1070	0.00600				1			0
122.02	Aspartic, Post-col OPA Der (%)	0098	2.3700	0.01200				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	2.2660	0.07000	2.3020	0.03158	0.07000	3			0
122.05	Aspartic, Pre-col AQC Der (%)	0610	2.3150	0.03000	2.3020	0.03158	0.07000	3			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	2.3250	0.11000	2.3020	0.03158	0.07000	3			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0848	0.02000	0.00000	0.37928	0.03347	0.00502	16	-10.73	47%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0918	0.33865	0.02210	0.37928	0.03347	0.00502	16	-1.21	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0227	0.35000	0.00000	0.37928	0.03347	0.00502	16	-0.87	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0675	0.35500	0.01000	0.37928	0.03347	0.00502	16	-0.73	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0868	0.36155	0.00430	0.37928	0.03347	0.00502	16	-0.53	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0504	0.37000	0.00000	0.37928	0.03347	0.00502	16	-0.28	1%	0

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124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0662	0.37075	0.00590	0.37928	0.03347	0.00502	16	-0.25	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.37350	0.00700	0.37928	0.03347	0.00502	16	-0.17	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.38000	0.00000	0.37928	0.03347	0.00502	16	0.02	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.38000	0.00000	0.37928	0.03347	0.00502	16	0.02	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.39200	0.00600	0.37928	0.03347	0.00502	16	0.38	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.39800	0.00200	0.37928	0.03347	0.00502	16	0.56	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.40300	0.00600	0.37928	0.03347	0.00502	16	0.71	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.40800	0.01000	0.37928	0.03347	0.00502	16	0.86	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.43000	0.00000	0.37928	0.03347	0.00502	16	1.52	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.46250	0.00700	0.37928	0.03347	0.00502	16	2.49	11%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0955	0.42950	0.04700	0.37928	0.03347	0.00502	16	1.50	7%	1
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0297	0.36250	0.02100				1			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.41050	0.01300				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.38500	0.03000				2			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.39000	0.00000				2			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.9200	0.04000	4.5598	0.20492	0.05381	16	-3.12	7%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	4.3645	0.06760	4.5598	0.20492	0.05381	16	-0.95	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	4.4090	0.08600	4.5598	0.20492	0.05381	16	-0.74	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	4.4600	0.02000	4.5598	0.20492	0.05381	16	-0.49	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	4.4750	0.09000	4.5598	0.20492	0.05381	16	-0.41	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	4.4750	0.01000	4.5598	0.20492	0.05381	16	-0.41	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0662	4.4847	0.06980	4.5598	0.20492	0.05381	16	-0.37	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	4.5045	0.01300	4.5598	0.20492	0.05381	16	-0.27	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	4.5080	0.00200	4.5598	0.20492	0.05381	16	-0.25	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	4.5290	0.03800	4.5598	0.20492	0.05381	16	-0.15	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	4.6257	0.07760	4.5598	0.20492	0.05381	16	0.32	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	4.6350	0.03000	4.5598	0.20492	0.05381	16	0.37	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	4.6350	0.01000	4.5598	0.20492	0.05381	16	0.37	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0955	4.8650	0.15000	4.5598	0.20492	0.05381	16	1.49	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	4.9035	0.01700	4.5598	0.20492	0.05381	16	1.68	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	5.0600	0.14000	4.5598	0.20492	0.05381	16	2.44	5%	0
125.01	Glutamic, Pre-col OPA Der (%)	0297	4.4285	0.21900				1			0
125.02	Glutamic, Post-col OPA Der (%)	0098	4.6050	0.02800				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	4.3365	0.09900	4.4888	0.15694	0.13967	3			0
125.05	Glutamic, Pre-col AQC Der (%)	0610	4.4800	0.08000	4.4888	0.15694	0.13967	3			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	4.6500	0.24000	4.4888	0.15694	0.13967	3			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.0950	0.01000	1.2455	0.04314	0.01693	16	-3.49	6%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	1.2000	0.02000	1.2455	0.04314	0.01693	16	-1.05	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0662	1.2003	0.00860	1.2455	0.04314	0.01693	16	-1.05	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	1.2205	0.02100	1.2455	0.04314	0.01693	16	-0.58	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.2220	0.00200	1.2455	0.04314	0.01693	16	-0.54	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	1.2262	0.02870	1.2455	0.04314	0.01693	16	-0.45	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	1.2368	0.02850	1.2455	0.04314	0.01693	16	-0.20	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	1.2400	0.02000	1.2455	0.04314	0.01693	16	-0.13	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	1.2450	0.01000	1.2455	0.04314	0.01693	16	-0.01	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.2465	0.01100	1.2455	0.04314	0.01693	16	0.02	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	1.2600	0.02000	1.2455	0.04314	0.01693	16	0.34	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	1.2655	0.02100	1.2455	0.04314	0.01693	16	0.46	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.2750	0.01000	1.2455	0.04314	0.01693	16	0.68	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	1.2890	0.00000	1.2455	0.04314	0.01693	16	1.01	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	1.3200	0.04000	1.2455	0.04314	0.01693	16	1.73	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0955	1.3500	0.02000	1.2455	0.04314	0.01693	16	2.42	4%	0
126.01	Glycine, Pre-col OPA Der (%)	0297	1.1345	0.04900				1			0
126.02	Glycine, Post-col OPA Der (%)	0098	1.2875	0.05500				1			0
126.05	Glycine, Pre-col AQC Der (%)	0676	1.2300	0.02000	1.2415	0.01033	0.03500	3			0
126.05	Glycine, Pre-col AQC Der (%)	0626	1.2445	0.06500	1.2415	0.01033	0.03500	3			0
126.05	Glycine, Pre-col AQC Der (%)	0610	1.2500	0.02000	1.2415	0.01033	0.03500	3			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.60100	0.02000	0.64212	0.02478	0.00903	15	-1.66	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.60500	0.01000	0.64212	0.02478	0.00903	15	-1.50	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0662	0.61360	0.00820	0.64212	0.02478	0.00903	15	-1.15	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.63250	0.01300	0.64212	0.02478	0.00903	15	-0.39	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.63500	0.01000	0.64212	0.02478	0.00903	15	-0.29	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.63650	0.00700	0.64212	0.02478	0.00903	15	-0.23	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.64200	0.00200	0.64212	0.02478	0.00903	15	0.00	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.64500	0.01000	0.64212	0.02478	0.00903	15	0.12	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.64640	0.00300	0.64212	0.02478	0.00903	15	0.17	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.65000	0.00000	0.64212	0.02478	0.00903	15	0.32	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.65500	0.01000	0.64212	0.02478	0.00903	15	0.52	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.65500	0.01000	0.64212	0.02478	0.00903	15	0.52	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.66310	0.00820	0.64212	0.02478	0.00903	15	0.85	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.66850	0.00300	0.64212	0.02478	0.00903	15	1.06	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.75150	0.02100	0.64212	0.02478	0.00903	15	4.41	9%	0
127.01	Histidine, Pre-col OPA Der (%)	0297	0.65200	0.00200				1			0
127.02	Histidine, Post-col OPA Der (%)	0098	0.64700	0.00800				1			0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.65000	0.00000	0.65767	0.01328	0.01933	3			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.65000	0.04000	0.65767	0.01328	0.01933	3			0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.67300	0.01800	0.65767	0.01328	0.01933	3			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.69000	0.00000	0.89101	0.02965	0.01304	15	-6.78	11%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0662	0.86690	0.01100	0.89101	0.02965	0.01304	15	-0.81	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.86750	0.00300	0.89101	0.02965	0.01304	15	-0.79	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.87000	0.02000	0.89101	0.02965	0.01304	15	-0.71	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.87000	0.02000	0.89101	0.02965	0.01304	15	-0.71	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.87850	0.03300	0.89101	0.02965	0.01304	15	-0.42	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.88155	0.00330	0.89101	0.02965	0.01304	15	-0.32	1%	0

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128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.88700	0.01600	0.89101	0.02965	0.01304	15	-0.14	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.89700	0.01200	0.89101	0.02965	0.01304	15	0.20	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.90000	0.02000	0.89101	0.02965	0.01304	15	0.30	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.90050	0.00300	0.89101	0.02965	0.01304	15	0.32	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.90865	0.01430	0.89101	0.02965	0.01304	15	0.60	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.92000	0.02000	0.89101	0.02965	0.01304	15	0.98	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.95300	0.01000	0.89101	0.02965	0.01304	15	2.09	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.95500	0.01000	0.89101	0.02965	0.01304	15	2.16	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0955	0.95800	0.06800	0.89101	0.02965	0.01304	15	2.26	4%	1
128.01	Isoleucine, Pre-col OPA Der (%)	0297	0.92400	0.03800				1			0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.90900	0.00800				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.87900	0.00400	0.92500	0.00000	0.02133	3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.92500	0.01000	0.92500	0.00000	0.02133	3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.92500	0.05000	0.92500	0.00000	0.02133	3			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.4750	0.01000	1.6754	0.04869	0.01805	15	-4.12	6%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0662	1.6086	0.02790	1.6754	0.04869	0.01805	15	-1.37	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.6350	0.01000	1.6754	0.04869	0.01805	15	-0.83	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.6450	0.01000	1.6754	0.04869	0.01805	15	-0.62	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.6500	0.04000	1.6754	0.04869	0.01805	15	-0.52	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.6645	0.01770	1.6754	0.04869	0.01805	15	-0.22	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.6730	0.02200	1.6754	0.04869	0.01805	15	-0.05	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.6750	0.01000	1.6754	0.04869	0.01805	15	-0.01	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.6805	0.01700	1.6754	0.04869	0.01805	15	0.11	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.6890	0.01200	1.6754	0.04869	0.01805	15	0.28	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.6923	0.01420	1.6754	0.04869	0.01805	15	0.35	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.7135	0.01300	1.6754	0.04869	0.01805	15	0.78	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.7185	0.01700	1.6754	0.04869	0.01805	15	0.89	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.7350	0.01000	1.6754	0.04869	0.01805	15	1.22	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.7900	0.04000	1.6754	0.04869	0.01805	15	2.35	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0955	1.7600	0.08000	1.6754	0.04869	0.01805	15	1.74	3%	1
129.01	Leucine, Pre-col OPA Der (%)	0297	1.6260	0.03400				1			0
129.02	Leucine, Post-col OPA Der (%)	0098	1.7330	0.01400				1			0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.6230	0.00000	1.6590	0.05091	0.03000	3			0
129.05	Leucine, Pre-col AQC Der (%)	0610	1.6950	0.01000	1.6590	0.05091	0.03000	3			0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.7100	0.08000	1.6590	0.05091	0.03000	3			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.0650	0.01000	1.2101	0.06850	0.01606	17	-2.12	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0662	1.1229	0.00030	1.2101	0.06850	0.01606	17	-1.27	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	1.1250	0.05000	1.2101	0.06850	0.01606	17	-1.24	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	1.1550	0.01000	1.2101	0.06850	0.01606	17	-0.80	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.1920	0.01000	1.2101	0.06850	0.01606	17	-0.26	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.1985	0.01100	1.2101	0.06850	0.01606	17	-0.17	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.2000	0.00000	1.2101	0.06850	0.01606	17	-0.15	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	1.2050	0.03000	1.2101	0.06850	0.01606	17	-0.07	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.2075	0.00500	1.2101	0.06850	0.01606	17	-0.04	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.2099	0.02160	1.2101	0.06850	0.01606	17	0.00	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.2105	0.00500	1.2101	0.06850	0.01606	17	0.01	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	1.2315	0.02900	1.2101	0.06850	0.01606	17	0.31	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.2350	0.01000	1.2101	0.06850	0.01606	17	0.36	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.2750	0.03000	1.2101	0.06850	0.01606	17	0.95	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.2850	0.03000	1.2101	0.06850	0.01606	17	1.09	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	1.3021	0.00120	1.2101	0.06850	0.01606	17	1.34	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0955	1.3100	0.02000	1.2101	0.06850	0.01606	17	1.46	4%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0297	1.1440	0.01400				1			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.2575	0.01300				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	1.1410	0.00000	1.1830	0.04570	0.02750	4	-0.92	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.1460	0.06000	1.1830	0.04570	0.02750	4	-0.81	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.2200	0.04000	1.1830	0.04570	0.02750	4	0.81	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	1.2250	0.01000	1.1830	0.04570	0.02750	4	0.92	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.32950	0.01300	0.34818	0.01626	0.01309	16	-1.15	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.33000	0.02000	0.34818	0.01626	0.01309	16	-1.12	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.33100	0.01000	0.34818	0.01626	0.01309	16	-1.06	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0955	0.33300	0.03400	0.34818	0.01626	0.01309	16	-0.93	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.33700	0.01000	0.34818	0.01626	0.01309	16	-0.69	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.34000	0.02000	0.34818	0.01626	0.01309	16	-0.50	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.34150	0.00500	0.34818	0.01626	0.01309	16	-0.41	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.35000	0.00000	0.34818	0.01626	0.01309	16	0.11	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.35000	0.02000	0.34818	0.01626	0.01309	16	0.11	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.35250	0.00300	0.34818	0.01626	0.01309	16	0.27	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.35500	0.03000	0.34818	0.01626	0.01309	16	0.42	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.35500	0.03000	0.34818	0.01626	0.01309	16	0.42	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0662	0.35730	0.00720	0.34818	0.01626	0.01309	16	0.56	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.36400	0.00400	0.34818	0.01626	0.01309	16	0.97	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.37265	0.00170	0.34818	0.01626	0.01309	16	1.50	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.38760	0.00160	0.34818	0.01626	0.01309	16	2.42	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.01000	0.00000	0.34818	0.01626	0.01309	16	-20.80	49%	2
131.01	Methionine, PAO Pre-col OPA Der (%)	0297	0.33400	0.01800				1			0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.33000	0.00600				2			0
131.02	Methionine, PAO Post-col OPA Der (%)	0676	0.36000	0.02000				2			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.32250	0.00900				2			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.36000	0.00000				2			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	1.0550	0.01000	1.1951	0.03665	0.01508	15	-3.82	6%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	1.1177	0.00080	1.1951	0.03665	0.01508	15	-2.11	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	1.1750	0.01000	1.1951	0.03665	0.01508	15	-0.55	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	1.1765	0.00100	1.1951	0.03665	0.01508	15	-0.51	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0662	1.1770	0.00180	1.1951	0.03665	0.01508	15	-0.49	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	1.1895	0.02300	1.1951	0.03665	0.01508	15	-0.15	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	1.1900	0.02000	1.1951	0.03665	0.01508	15	-0.14	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	1.1900	0.02000	1.1951	0.03665	0.01508	15	-0.14	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	1.1900	0.00200	1.1951	0.03665	0.01508	15	-0.14	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	1.1959	0.00360	1.1951	0.03665	0.01508	15	0.02	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	1.2250	0.01000	1.1951	0.03665	0.01508	15	0.82	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	1.2250	0.07000	1.1951	0.03665	0.01508	15	0.82	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	1.2305	0.01700	1.1951	0.03665	0.01508	15	0.97	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	1.2315	0.00700	1.1951	0.03665	0.01508	15	0.99	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	1.2850	0.03000	1.1951	0.03665	0.01508	15	2.45	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0955	1.2550	0.11000	1.1951	0.03665	0.01508	15	1.64	3%	1
132.01	Phenylalanine, Pre-col OPA Der (%)	0297	1.1595	0.03500				1			0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	1.2330	0.00600				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	1.1565	0.00300	1.1988	0.03700	0.02767	3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	1.2150	0.01000	1.1988	0.03700	0.02767	3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	1.2250	0.07000	1.1988	0.03700	0.02767	3			0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.0400	0.02000	1.2935	0.06946	0.03928	16	-3.65	10%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0662	1.1876	0.03690	1.2935	0.06946	0.03928	16	-1.52	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.2235	0.00300	1.2935	0.06946	0.03928	16	-1.01	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.2435	0.00500	1.2935	0.06946	0.03928	16	-0.72	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	1.2479	0.02420	1.2935	0.06946	0.03928	16	-0.66	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.2845	0.00300	1.2935	0.06946	0.03928	16	-0.13	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.2950	0.03000	1.2935	0.06946	0.03928	16	0.02	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.2950	0.06000	1.2935	0.06946	0.03928	16	0.02	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.2950	0.03000	1.2935	0.06946	0.03928	16	0.02	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0955	1.3150	0.05000	1.2935	0.06946	0.03928	16	0.31	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.3200	0.10000	1.2935	0.06946	0.03928	16	0.38	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.3284	0.05030	1.2935	0.06946	0.03928	16	0.50	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.3450	0.13000	1.2935	0.06946	0.03928	16	0.74	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.3650	0.05000	1.2935	0.06946	0.03928	16	1.03	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.3750	0.01000	1.2935	0.06946	0.03928	16	1.17	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.3840	0.02600	1.2935	0.06946	0.03928	16	1.30	4%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.2945	0.01700	1.3098	0.01351	0.01567	3			0
133.05	Proline, Pre-col AQC Der (%)	0676	1.3150	0.03000	1.3098	0.01351	0.01567	3			0
133.05	Proline, Pre-col AQC Der (%)	0610	1.3200	0.00000	1.3098	0.01351	0.01567	3			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.94000	0.06000	1.1175	0.07489	0.02032	16	-2.37	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	1.0293	0.02390	1.1175	0.07489	0.02032	16	-1.18	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	1.0350	0.01000	1.1175	0.07489	0.02032	16	-1.10	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0662	1.0537	0.01260	1.1175	0.07489	0.02032	16	-0.85	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	1.0965	0.01700	1.1175	0.07489	0.02032	16	-0.28	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	1.1000	0.02000	1.1175	0.07489	0.02032	16	-0.23	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
134.00	Serine, Post-col Ninhydrin Der (%)	0968	1.1015	0.00300	1.1175	0.07489	0.02032	16	-0.21	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	1.1250	0.01000	1.1175	0.07489	0.02032	16	0.10	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	1.1275	0.00700	1.1175	0.07489	0.02032	16	0.13	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	1.1280	0.00160	1.1175	0.07489	0.02032	16	0.14	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	1.1400	0.04000	1.1175	0.07489	0.02032	16	0.30	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	1.1400	0.04000	1.1175	0.07489	0.02032	16	0.30	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	1.1450	0.00000	1.1175	0.07489	0.02032	16	0.37	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	1.1940	0.02000	1.1175	0.07489	0.02032	16	1.02	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	1.2500	0.04000	1.1175	0.07489	0.02032	16	1.77	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0955	1.2800	0.02000	1.1175	0.07489	0.02032	16	2.17	7%	0
134.01	Serine, Pre-col OPA Der (%)	0297	1.1305	0.03500				1			0
134.02	Serine, Post-col OPA Der (%)	0098	1.0925	0.00900				1			0
134.05	Serine, Pre-col AQC Der (%)	0626	1.1090	0.02800	1.1247	0.01845	0.03267	3			0
134.05	Serine, Pre-col AQC Der (%)	0610	1.1200	0.02000	1.1247	0.01845	0.03267	3			0
134.05	Serine, Pre-col AQC Der (%)	0676	1.1450	0.05000	1.1247	0.01845	0.03267	3			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0848	0.74000	0.02000	0.85622	0.03980	0.01370	17	-2.92	7%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.78500	0.01000	0.85622	0.03980	0.01370	17	-1.79	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0662	0.78655	0.01030	0.85622	0.03980	0.01370	17	-1.75	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.84500	0.03000	0.85622	0.03980	0.01370	17	-0.28	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.84600	0.01400	0.85622	0.03980	0.01370	17	-0.26	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.85000	0.02000	0.85622	0.03980	0.01370	17	-0.16	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.85600	0.01400	0.85622	0.03980	0.01370	17	-0.01	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.85900	0.00000	0.85622	0.03980	0.01370	17	0.07	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.86010	0.00660	0.85622	0.03980	0.01370	17	0.10	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.86200	0.00600	0.85622	0.03980	0.01370	17	0.15	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.86500	0.01000	0.85622	0.03980	0.01370	17	0.22	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.86500	0.01000	0.85622	0.03980	0.01370	17	0.22	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0955	0.86500	0.01800	0.85622	0.03980	0.01370	17	0.22	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.86920	0.00100	0.85622	0.03980	0.01370	17	0.33	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.89500	0.01000	0.85622	0.03980	0.01370	17	0.97	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.91300	0.01800	0.85622	0.03980	0.01370	17	1.43	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.95250	0.03500	0.85622	0.03980	0.01370	17	2.42	6%	0
135.01	Threonine, Pre-col OPA Der (%)	0297	0.85300	0.01200				1			0
135.02	Threonine, Post-col OPA Der (%)	0098	0.82750	0.01100				1			0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.84000	0.01400	0.87167	0.02754	0.02133	3			0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.88500	0.01000	0.87167	0.02754	0.02133	3			0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.89000	0.04000	0.87167	0.02754	0.02133	3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.27035	0.02270	0.30459	0.03071	0.01774	5	-1.11	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.30000	0.00000	0.30459	0.03071	0.01774	5	-0.15	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.30300	0.00400	0.30459	0.03071	0.01774	5	-0.05	0%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.34500	0.01000	0.30459	0.03071	0.01774	5	1.32	7%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.69200	0.05200	0.30459	0.03071	0.01774	5	12.62	64%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.31000	0.00000				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.31100	0.00200				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.30400	0.00200				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.30600	0.01800	0.31250	0.00531	0.00700	4	-1.22	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0955	0.31100	0.00200	0.31250	0.00531	0.00700	4	-0.28	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.31450	0.00700	0.31250	0.00531	0.00700	4	0.38	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0297	0.31850	0.00100	0.31250	0.00531	0.00700	4	1.13	1%	0
136.99	Tryptophan, Miscellaneous (%)	0504	0.27000	0.00000				2			0
136.99	Tryptophan, Miscellaneous (%)	0610	0.31000	0.00000				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0859	0.53950	0.00300	0.69524	0.10220	0.01047	10	-1.52	11%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.54500	0.01000	0.69524	0.10220	0.01047	10	-1.47	11%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.65500	0.01000	0.69524	0.10220	0.01047	10	-0.39	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.69500	0.01000	0.69524	0.10220	0.01047	10	0.00	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.70200	0.00400	0.69524	0.10220	0.01047	10	0.07	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.72500	0.01000	0.69524	0.10220	0.01047	10	0.29	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.75500	0.01000	0.69524	0.10220	0.01047	10	0.58	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.76050	0.02500	0.69524	0.10220	0.01047	10	0.64	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.78600	0.00800	0.69524	0.10220	0.01047	10	0.89	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.78695	0.01470	0.69524	0.10220	0.01047	10	0.90	7%	0
137.01	Tyrosine, Pre-col OPA Der (%)	0297	0.74500	0.03400				1			0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.75450	0.02100				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.60600	0.01000	0.72367	0.10193	0.02000	3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.78000	0.02000	0.72367	0.10193	0.02000	3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.78500	0.03000	0.72367	0.10193	0.02000	3			0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.95500	0.01000	1.1155	0.06512	0.01681	15	-2.47	7%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	1.0290	0.02400	1.1155	0.06512	0.01681	15	-1.33	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	1.0600	0.02000	1.1155	0.06512	0.01681	15	-0.85	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	1.0600	0.04000	1.1155	0.06512	0.01681	15	-0.85	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0662	1.0830	0.01210	1.1155	0.06512	0.01681	15	-0.50	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	1.1115	0.00300	1.1155	0.06512	0.01681	15	-0.06	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	1.1178	0.01150	1.1155	0.06512	0.01681	15	0.03	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	1.1215	0.01700	1.1155	0.06512	0.01681	15	0.09	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	1.1217	0.01560	1.1155	0.06512	0.01681	15	0.09	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	1.1275	0.00900	1.1155	0.06512	0.01681	15	0.18	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	1.1400	0.04000	1.1155	0.06512	0.01681	15	0.38	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	1.1650	0.01000	1.1155	0.06512	0.01681	15	0.76	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	1.1750	0.03000	1.1155	0.06512	0.01681	15	0.91	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.1900	0.00000	1.1155	0.06512	0.01681	15	1.14	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0955	1.2550	0.01000	1.1155	0.06512	0.01681	15	2.14	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.1755	0.09300	1.1155	0.06512	0.01681	15	0.92	3%	1
138.01	Valine, Pre-col OPA Der (%)	0297	1.2025	0.04700				1			0
138.02	Valine, Post-col OPA Der (%)	0098	1.1655	0.01700				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
138.05	Valine, Pre-col AQC Der (%)	0610	1.1450	0.01000	1.1765	0.04262	0.02167	3			0
138.05	Valine, Pre-col AQC Der (%)	0626	1.1595	0.00500	1.1765	0.04262	0.02167	3			0
138.05	Valine, Pre-col AQC Der (%)	0676	1.2250	0.05000	1.1765	0.04262	0.02167	3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.12000	0.02000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.16000	0.00000				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000				0			4
160.99	Fructose, Miscellaneous (%)	0619	0.10100	0.00000	0.66113	0.76766	0.11375	4	-0.73	42%	0
160.99	Fructose, Miscellaneous (%)	0227	0.33000	0.14000	0.66113	0.76766	0.11375	4	-0.43	25%	0
160.99	Fructose, Miscellaneous (%)	0297	0.41850	0.00500	0.66113	0.76766	0.11375	4	-0.32	18%	0
160.99	Fructose, Miscellaneous (%)	0889	1.7950	0.31000	0.66113	0.76766	0.11375	4	1.48	86%	0
162.99	Glucose, Miscellaneous (%)	0619	0.15900	0.00400	0.25633	0.13858	0.01800	4	-0.70	19%	0
162.99	Glucose, Miscellaneous (%)	0227	0.19500	0.01000	0.25633	0.13858	0.01800	4	-0.44	12%	0
162.99	Glucose, Miscellaneous (%)	0297	0.41500	0.00800	0.25633	0.13858	0.01800	4	1.14	31%	0
162.99	Glucose, Miscellaneous (%)	0889	0.53500	0.05000	0.25633	0.13858	0.01800	4	2.01	54%	0
163.99	Lactose, Miscellaneous (%)	0619	0.06000	0.00000				1			0
164.99	Maltose, Miscellaneous (%)	0297	0.00000	0.00000				0			4
165.99	Sucrose, Miscellaneous (%)	0889	0.07000	0.04000	2.5047	0.25547	0.06040	5	-9.53	49%	0
165.99	Sucrose, Miscellaneous (%)	0629	2.2200	0.00000	2.5047	0.25547	0.06040	5	-1.11	6%	0
165.99	Sucrose, Miscellaneous (%)	0227	2.3450	0.21000	2.5047	0.25547	0.06040	5	-0.62	3%	0
165.99	Sucrose, Miscellaneous (%)	0619	2.5800	0.04000	2.5047	0.25547	0.06040	5	0.29	2%	0
165.99	Sucrose, Miscellaneous (%)	0297	2.7140	0.01200	2.5047	0.25547	0.06040	5	0.82	4%	0
166.99	Raffinose, Miscellaneous (%)	0227	1.0550	0.05000	1.3465	0.27428	0.08433	3			0
166.99	Raffinose, Miscellaneous (%)	0619	1.3850	0.01000	1.3465	0.27428	0.08433	3			0
166.99	Raffinose, Miscellaneous (%)	0297	1.5995	0.19300	1.3465	0.27428	0.08433	3			0
167.99	Stachyose, Miscellaneous (%)	0227	0.99500	0.03000	1.1673	0.18933	0.03533	3			0
167.99	Stachyose, Miscellaneous (%)	0297	1.1370	0.07600	1.1673	0.18933	0.03533	3			0
167.99	Stachyose, Miscellaneous (%)	0619	1.3700	0.00000	1.1673	0.18933	0.03533	3			0
373.03	Oxytetracycline, residual, LC (µg / kg (ppb))	0675	129.17	1.8800				1			0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.52250	0.00300	0.53675	0.01237	0.00837	3			0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.54300	0.02000	0.53675	0.01237	0.00837	3			0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.54475	0.00210	0.53675	0.01237	0.00837	3			0
400.99	Water activity, Miscellaneous (Units)	2073	0.50450	0.00100				2			0
400.99	Water activity, Miscellaneous (Units)	2066	0.51950	0.00100				2			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.13550	0.00300				1			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.09500	0.01000	0.13850	0.04800	0.01433	3			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.13050	0.01300	0.13850	0.04800	0.01433	3			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.19000	0.02000	0.13850	0.04800	0.01433	3			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.10695	0.01610	0.15238	0.05121	0.01732	5	-0.89	15%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.11405	0.03070	0.15238	0.05121	0.01732	5	-0.75	13%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0168	0.13790	0.01580	0.15238	0.05121	0.01732	5	-0.28	5%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.17050	0.01900	0.15238	0.05121	0.01732	5	0.35	6%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.23250	0.00500	0.15238	0.05121	0.01732	5	1.56	26%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0968	0.06600	0.00000	0.07742	0.01006	0.00883	3		0	
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0011	0.08125	0.01650	0.07742	0.01006	0.00883	3		0	
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.08500	0.01000	0.07742	0.01006	0.00883	3		0	
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0508	0.03885	0.00150				1		0	
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.09000	0.00000				2		0	
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.09525	0.00590				2		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0168	0.08895	0.00530	0.09351	0.00557	0.00554	5	-0.82	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.09000	0.01000	0.09351	0.00557	0.00554	5	-0.63	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.09260	0.00040	0.09351	0.00557	0.00554	5	-0.16	0%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.09300	0.00800	0.09351	0.00557	0.00554	5	-0.09	0%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.10300	0.00400	0.09351	0.00557	0.00554	5	1.70	5%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0011	2.2133	0.00650				2		0	
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	2.6500	0.10000				2		0	
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	2.9800	0.08000				2		0	
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0508	3.7449	0.03730				2		0	
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.2000	0.20000				1		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	1.4729	0.08760	2.2864	0.73425	0.51253	3		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0168	2.4863	1.1900	2.2864	0.73425	0.51253	3		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	2.9000	0.26000	2.2864	0.73425	0.51253	3		0	
520.99	Chromium, Miscellaneous (mg / kg (ppm))	0968	3.6055	0.16500				1		0	
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0689	1.3850	0.01000				1		0	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.35000	0.10000				1		0	
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0508	0.69440	0.66160				1		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.12500	0.01000	0.28583	0.15645	0.01433	3		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.29500	0.03000	0.28583	0.15645	0.01433	3		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.43750	0.00300	0.28583	0.15645	0.01433	3		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.29700	0.01560	0.32254	0.03447	0.38218	5	-0.74	4%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.30150	0.02900	0.32254	0.03447	0.38218	5	-0.61	3%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.31950	0.04300	0.32254	0.03447	0.38218	5	-0.09	0%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0168	0.37215	0.02830	0.32254	0.03447	0.38218	5	1.44	8%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	1.2125	1.7950	0.32254	0.03447	0.38218	5	25.82	138%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0910	10.000	0.00000				1		0	
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0011	2.3953	0.05350				2		0	
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	2.4000	0.00000				2		0	
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0508	2.8651	0.16890				1		0	
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.9000	0.00000				1		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	2.0452	0.13970				2		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	2.7700	0.10000				2		0	

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

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			