

AAFCO Check Sample Program

All Labs and All Methods Report

Sort by Method

Proficiency For Individual Methods

Sample # 201191

Dairy Cattle mineral supplement, Medicated



AAFCO

Association of American Feed Control Officials

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
000.01	Urea, NPN, Urea + Am, Urease Method (PCT)	0278	0.50000	0.00000			0.00000	1			
001.00	Loss on Drying, Vac 95 deg 5 hr (PCT)	0722	2.9707	0.06390	3.2868	0.24490	0.10123	4	-1.29	5%	0
001.00	Loss on Drying, Vac 95 deg 5 hr (PCT)	0027	3.2520	0.03000	3.2868	0.24490	0.10123	4	-0.14	1%	0
001.00	Loss on Drying, Vac 95 deg 5 hr (PCT)	0309	3.3695	0.26100	3.2868	0.24490	0.10123	4	0.34	1%	0
001.00	Loss on Drying, Vac 95 deg 5 hr (PCT)	0169	3.5550	0.05000	3.2868	0.24490	0.10123	4	1.10	4%	0
001.03	Loss on Drying, Low temp. methods (PCT)	0898	2.9600	0.02000	3.1010	0.14567	0.02000	7	-0.97	2%	0
001.03	Loss on Drying, Low temp. methods (PCT)	0895	2.9650	0.03000	3.1010	0.14567	0.02000	7	-0.93	2%	0
001.03	Loss on Drying, Low temp. methods (PCT)	0900	3.0350	0.03000	3.1010	0.14567	0.02000	7	-0.45	1%	0
001.03	Loss on Drying, Low temp. methods (PCT)	0903	3.0450	0.01000	3.1010	0.14567	0.02000	7	-0.38	1%	0
001.03	Loss on Drying, Low temp. methods (PCT)	0886	3.2450	0.05000	3.1010	0.14567	0.02000	7	0.99	2%	0
001.03	Loss on Drying, Low temp. methods (PCT)	0868	3.2700	0.00000	3.1010	0.14567	0.02000	7	1.16	3%	0
001.03	Loss on Drying, Low temp. methods (PCT)	0893	3.6300	0.00000	3.1010	0.14567	0.02000	7	3.63	9%	0
001.05	Loss on Drying, LECO (PCT)	0610	2.7650	0.01000			0.01000	1			
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0083	2.6800	0.02000	3.3598	0.53219	0.11299	19	-1.28	10%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0171	2.7050	0.15000	3.3598	0.53219	0.11299	19	-1.23	10%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0683	2.7300	0.14000	3.3598	0.53219	0.11299	19	-1.18	9%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0297	2.8000	0.00000	3.3598	0.53219	0.11299	19	-1.05	8%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0843	2.9900	0.20000	3.3598	0.53219	0.11299	19	-0.69	6%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0035	3.0750	0.03000	3.3598	0.53219	0.11299	19	-0.54	4%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0413	3.2000	0.00000	3.3598	0.53219	0.11299	19	-0.30	2%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0695	3.2050	0.15000	3.3598	0.53219	0.11299	19	-0.29	2%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0278	3.2150	0.11000	3.3598	0.53219	0.11299	19	-0.27	2%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0049	3.2600	0.28000	3.3598	0.53219	0.11299	19	-0.19	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0353	3.4750	0.03000	3.3598	0.53219	0.11299	19	0.22	2%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0098	3.4850	0.01000	3.3598	0.53219	0.11299	19	0.24	2%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0849	3.5050	0.01000	3.3598	0.53219	0.11299	19	0.27	2%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0872	3.6100	0.10000	3.3598	0.53219	0.11299	19	0.47	4%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0199	3.8550	0.03000	3.3598	0.53219	0.11299	19	0.93	7%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0187	3.9300	0.04000	3.3598	0.53219	0.11299	19	1.07	8%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0045	4.1050	0.41000	3.3598	0.53219	0.11299	19	1.40	11%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0142	4.4000	0.40000	3.3598	0.53219	0.11299	19	1.95	15%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt (PCT)	0563	4.9454	0.03690	3.3598	0.53219	0.11299	19	2.98	24%	0
001.99	Loss on Drying, Miscellaneous (PCT)	0337	2.8350	0.15000	3.4670	0.65485	0.08600	5	-0.97	9%	0

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001.99	Loss on Drying, Miscellaneous (PCT)	0853	3.0200	0.14000	3.4670	0.65485	0.08600	5	-0.68	6%	0
001.99	Loss on Drying, Miscellaneous (PCT)	0357	3.1300	0.00000	3.4670	0.65485	0.08600	5	-0.51	5%	0
001.99	Loss on Drying, Miscellaneous (PCT)	0037	4.1750	0.11000	3.4670	0.65485	0.08600	5	1.08	10%	0
001.99	Loss on Drying, Miscellaneous (PCT)	0720	4.1750	0.03000	3.4670	0.65485	0.08600	5	1.08	10%	0
002.00	Protein, Crude (PCT)	0683	5.5350	0.05000			0.05000	1			
002.01	Protein, Auto Kjel-Foss (PCT)	0848	5.5200	0.08000	5.5550	0.03500	0.09667	3	-1.00	0%	0
002.01	Protein, Auto Kjel-Foss (PCT)	0716	5.5550	0.09000	5.5550	0.03500	0.09667	3	0.00	0%	0
002.01	Protein, Auto Kjel-Foss (PCT)	0870	5.5900	0.12000	5.5550	0.03500	0.09667	3	1.00	0%	0
002.02	Protein, Semiauto Autoanalyzer (PCT)	0169	6.3000	0.20000			0.20000	1			
002.05	Protein, Copper, Boric Acid (PCT)	0623	5.3144	0.10290	5.5697	0.13932	0.03912	13	-1.83	2%	0
002.05	Protein, Copper, Boric Acid (PCT)	0622	5.3415	0.08450	5.5697	0.13932	0.03912	13	-1.64	2%	0
002.05	Protein, Copper, Boric Acid (PCT)	0871	5.4750	0.03000	5.5697	0.13932	0.03912	13	-0.68	1%	0
002.05	Protein, Copper, Boric Acid (PCT)	0868	5.4900	0.00000	5.5697	0.13932	0.03912	13	-0.57	1%	0
002.05	Protein, Copper, Boric Acid (PCT)	0849	5.5150	0.01000	5.5697	0.13932	0.03912	13	-0.39	0%	0
002.05	Protein, Copper, Boric Acid (PCT)	0722	5.5505	0.00110	5.5697	0.13932	0.03912	13	-0.14	0%	0
002.05	Protein, Copper, Boric Acid (PCT)	0895	5.5550	0.03000	5.5697	0.13932	0.03912	13	-0.11	0%	0
002.05	Protein, Copper, Boric Acid (PCT)	0199	5.5850	0.05000	5.5697	0.13932	0.03912	13	0.11	0%	0
002.05	Protein, Copper, Boric Acid (PCT)	0900	5.6350	0.09000	5.5697	0.13932	0.03912	13	0.47	1%	0
002.05	Protein, Copper, Boric Acid (PCT)	0674	5.6650	0.03000	5.5697	0.13932	0.03912	13	0.68	1%	0
002.05	Protein, Copper, Boric Acid (PCT)	0885	5.7150	0.03000	5.5697	0.13932	0.03912	13	1.04	1%	0
002.05	Protein, Copper, Boric Acid (PCT)	0903	5.7600	0.04000	5.5697	0.13932	0.03912	13	1.37	2%	0
002.05	Protein, Copper, Boric Acid (PCT)	0901	7.5750	0.01000	5.5697	0.13932	0.03912	13	14.39	18%	0
002.05	Protein, Copper, Boric Acid (PCT)	0879	5.9750	0.23000	5.5697	0.13932	0.03912	13	2.91	4%	1
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0859	4.8460	0.08400	5.6212	0.20553	0.09894	38	-3.77	7%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0670	4.9450	0.01000	5.6212	0.20553	0.09894	38	-3.29	6%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0541	5.0350	0.19000	5.6212	0.20553	0.09894	38	-2.85	5%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0913	5.2580	0.01800	5.6212	0.20553	0.09894	38	-1.77	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0358	5.3800	0.04000	5.6212	0.20553	0.09894	38	-1.17	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0138	5.4000	0.06000	5.6212	0.20553	0.09894	38	-1.08	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0168	5.4100	0.24000	5.6212	0.20553	0.09894	38	-1.03	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0208	5.4500	0.30000	5.6212	0.20553	0.09894	38	-0.83	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0199	5.4850	0.09000	5.6212	0.20553	0.09894	38	-0.66	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0589	5.4900	0.06000	5.6212	0.20553	0.09894	38	-0.64	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0650	5.4900	0.18000	5.6212	0.20553	0.09894	38	-0.64	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0106	5.5000	0.04000	5.6212	0.20553	0.09894	38	-0.59	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0297	5.5700	0.02000	5.6212	0.20553	0.09894	38	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0337	5.5700	0.08000	5.6212	0.20553	0.09894	38	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0868	5.5750	0.01000	5.6212	0.20553	0.09894	38	-0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0861	5.5900	0.16000	5.6212	0.20553	0.09894	38	-0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0278	5.6000	0.00000	5.6212	0.20553	0.09894	38	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0205	5.6150	0.05000	5.6212	0.20553	0.09894	38	-0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0417	5.6200	0.12000	5.6212	0.20553	0.09894	38	-0.01	0%	0

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002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0083	5.6200	0.22000	5.6212	0.20553	0.09894	38	-0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0912	5.6250	0.13000	5.6212	0.20553	0.09894	38	0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0849	5.6375	0.02500	5.6212	0.20553	0.09894	38	0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0695	5.6450	0.01000	5.6212	0.20553	0.09894	38	0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0873	5.6505	0.07290	5.6212	0.20553	0.09894	38	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0682	5.6700	0.10000	5.6212	0.20553	0.09894	38	0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0866	5.6900	0.12000	5.6212	0.20553	0.09894	38	0.33	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0171	5.7100	0.10000	5.6212	0.20553	0.09894	38	0.43	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0872	5.7200	0.12000	5.6212	0.20553	0.09894	38	0.48	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0613	5.7250	0.03000	5.6212	0.20553	0.09894	38	0.50	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0520	5.8000	0.06000	5.6212	0.20553	0.09894	38	0.87	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0673	5.8000	0.00000	5.6212	0.20553	0.09894	38	0.87	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0142	5.8500	0.30000	5.6212	0.20553	0.09894	38	1.11	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0674	5.8500	0.04000	5.6212	0.20553	0.09894	38	1.11	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0265	5.9500	0.10000	5.6212	0.20553	0.09894	38	1.60	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0843	6.0350	0.29000	5.6212	0.20553	0.09894	38	2.01	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0553	6.1272	0.09970	5.6212	0.20553	0.09894	38	2.46	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0407	6.1850	0.15000	5.6212	0.20553	0.09894	38	2.74	5%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0574	6.3000	0.04000	5.6212	0.20553	0.09894	38	3.30	6%	0
002.06	Protein, Combustion Nitrogen Analyzer (PCT)	0720	6.8800	0.48000	5.6212	0.20553	0.09894	38	6.12	11%	1
002.08	Protein, Cu/Ti (PCT)	0208	5.3500	0.10000	5.5625	0.30052	0.08500	2	-0.71	2%	0
002.08	Protein, Cu/Ti (PCT)	0309	5.7750	0.07000	5.5625	0.30052	0.08500	2	0.71	2%	0
002.11	Protein, NIR (PCT)	0720	26.230	0.06000			0.06000	1			
002.99	Protein, Miscellaneous (PCT)	0643	6.4500	0.14000			0.14000	1			
003.00	Fat, Eth Ext., Direct (PCT)	0337	3.1900	0.24000	3.7850	0.60059	0.06672	6	-0.99	8%	0
003.00	Fat, Eth Ext., Direct (PCT)	0848	3.3550	0.03000	3.7850	0.60059	0.06672	6	-0.72	6%	0
003.00	Fat, Eth Ext., Direct (PCT)	0297	3.6200	0.04000	3.7850	0.60059	0.06672	6	-0.27	2%	0
003.00	Fat, Eth Ext., Direct (PCT)	0199	3.6900	0.00000	3.7850	0.60059	0.06672	6	-0.16	1%	0
003.00	Fat, Eth Ext., Direct (PCT)	0106	4.4000	0.00000	3.7850	0.60059	0.06672	6	1.02	8%	0
003.00	Fat, Eth Ext., Direct (PCT)	0309	4.4552	0.09030	3.7850	0.60059	0.06672	6	1.12	9%	0
003.00	Fat, Eth Ext., Direct (PCT)	0142	3.3000	0.60000	3.7850	0.60059	0.06672	6	-0.81	6%	1
003.06	Fat, Pet Ether (PCT)	0879	2.6150	0.41000	3.5239	0.49695	0.13260	6	-1.83	13%	0
003.06	Fat, Pet Ether (PCT)	0169	3.1950	0.19000	3.5239	0.49695	0.13260	6	-0.66	5%	0
003.06	Fat, Pet Ether (PCT)	0574	3.4150	0.09000	3.5239	0.49695	0.13260	6	-0.22	2%	0
003.06	Fat, Pet Ether (PCT)	0870	3.7434	0.07560	3.5239	0.49695	0.13260	6	0.44	3%	0
003.06	Fat, Pet Ether (PCT)	0871	3.8100	0.02000	3.5239	0.49695	0.13260	6	0.58	4%	0
003.06	Fat, Pet Ether (PCT)	0682	4.0850	0.01000	3.5239	0.49695	0.13260	6	1.13	8%	0
003.09	Fat, Soxtec, Eth Ext (PCT)	0674	3.4250	0.13000	3.9072	0.46060	0.07010	4	-1.05	6%	0
003.09	Fat, Soxtec, Eth Ext (PCT)	0358	3.6050	0.03000	3.9072	0.46060	0.07010	4	-0.66	4%	0
003.09	Fat, Soxtec, Eth Ext (PCT)	0673	4.2500	0.10000	3.9072	0.46060	0.07010	4	0.74	4%	0
003.09	Fat, Soxtec, Eth Ext (PCT)	0722	4.3489	0.02040	3.9072	0.46060	0.07010	4	0.96	6%	0
003.10	Fat, Soxtec, Pet Ether (PCT)	0861	3.1050	0.05000	3.4205	0.16579	0.09807	7	-1.90	5%	0

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003.10	Fat, Soxtec, Pet Ether (PCT)	0695	3.3100	0.08000	3.4205	0.16579	0.09807	7	-0.67	2%	0
003.10	Fat, Soxtec, Pet Ether (PCT)	0208	3.3650	0.25000	3.4205	0.16579	0.09807	7	-0.33	1%	0
003.10	Fat, Soxtec, Pet Ether (PCT)	0623	3.3996	0.04650	3.4205	0.16579	0.09807	7	-0.13	0%	0
003.10	Fat, Soxtec, Pet Ether (PCT)	0553	3.4800	0.08000	3.4205	0.16579	0.09807	7	0.36	1%	0
003.10	Fat, Soxtec, Pet Ether (PCT)	0885	3.5900	0.12000	3.4205	0.16579	0.09807	7	1.02	2%	0
003.10	Fat, Soxtec, Pet Ether (PCT)	0613	3.8900	0.06000	3.4205	0.16579	0.09807	7	2.83	7%	0
003.10	Fat, Soxtec, Pet Ether (PCT)	0720	3.5300	0.58000	3.4205	0.16579	0.09807	7	0.66	2%	1
003.11	Fat, NIR (PCT)	0720	10.445	0.03000			0.03000	1			
003.12	Fat, Hexane Ext (PCT)	0683	3.0450	0.45000	3.6913	0.60318	0.14750	4	-1.07	9%	0
003.12	Fat, Hexane Ext (PCT)	0903	3.5050	0.09000	3.6913	0.60318	0.14750	4	-0.31	3%	0
003.12	Fat, Hexane Ext (PCT)	0895	3.7250	0.03000	3.6913	0.60318	0.14750	4	0.06	0%	0
003.12	Fat, Hexane Ext (PCT)	0670	4.4900	0.02000	3.6913	0.60318	0.14750	4	1.32	11%	0
003.13	Fat, Soxtec, Hexane Ext. (PCT)	0205	3.5070	0.09600			0.09600	1			
003.14	Fat, Ankom (PCT)	0574	2.2400	0.08000	3.1031	0.38746	0.26250	8	-2.23	14%	0
003.14	Fat, Ankom (PCT)	0853	2.7150	0.19000	3.1031	0.38746	0.26250	8	-1.00	6%	0
003.14	Fat, Ankom (PCT)	0407	3.0350	0.09000	3.1031	0.38746	0.26250	8	-0.18	1%	0
003.14	Fat, Ankom (PCT)	0278	3.0500	0.10000	3.1031	0.38746	0.26250	8	-0.14	1%	0
003.14	Fat, Ankom (PCT)	0520	3.1550	0.67000	3.1031	0.38746	0.26250	8	0.13	1%	0
003.14	Fat, Ankom (PCT)	0843	3.2150	0.13000	3.1031	0.38746	0.26250	8	0.29	2%	0
003.14	Fat, Ankom (PCT)	0265	3.4500	0.70000	3.1031	0.38746	0.26250	8	0.90	6%	0
003.14	Fat, Ankom (PCT)	0913	3.6900	0.14000	3.1031	0.38746	0.26250	8	1.51	9%	0
004.00	Fiber, Crude Asbestos Free (PCT)	0169	1.3600	0.28000	2.6532	1.4046	0.30167	6	-0.92	24%	0
004.00	Fiber, Crude Asbestos Free (PCT)	0199	1.4800	0.02000	2.6532	1.4046	0.30167	6	-0.84	22%	0
004.00	Fiber, Crude Asbestos Free (PCT)	0337	2.4700	0.50000	2.6532	1.4046	0.30167	6	-0.13	3%	0
004.00	Fiber, Crude Asbestos Free (PCT)	0309	2.5450	0.33000	2.6532	1.4046	0.30167	6	-0.08	2%	0
004.00	Fiber, Crude Asbestos Free (PCT)	0208	3.4100	0.56000	2.6532	1.4046	0.30167	6	0.54	14%	0
004.00	Fiber, Crude Asbestos Free (PCT)	0695	7.5900	0.12000	2.6532	1.4046	0.30167	6	3.51	93%	0
004.06	Fiber, Fibertec (PCT)	0885	1.5200	0.20000	1.9686	0.29330	0.07342	11	-1.53	11%	0
004.06	Fiber, Fibertec (PCT)	0903	1.5900	0.04000	1.9686	0.29330	0.07342	11	-1.29	10%	0
004.06	Fiber, Fibertec (PCT)	0895	1.8250	0.03000	1.9686	0.29330	0.07342	11	-0.49	4%	0
004.06	Fiber, Fibertec (PCT)	0848	1.8300	0.04000	1.9686	0.29330	0.07342	11	-0.47	4%	0
004.06	Fiber, Fibertec (PCT)	0866	1.8850	0.07000	1.9686	0.29330	0.07342	11	-0.29	2%	0
004.06	Fiber, Fibertec (PCT)	0670	1.9600	0.02000	1.9686	0.29330	0.07342	11	-0.03	0%	0
004.06	Fiber, Fibertec (PCT)	0205	1.9800	0.18000	1.9686	0.29330	0.07342	11	0.04	0%	0
004.06	Fiber, Fibertec (PCT)	0913	2.1250	0.01000	1.9686	0.29330	0.07342	11	0.53	4%	0
004.06	Fiber, Fibertec (PCT)	0674	2.2100	0.06000	1.9686	0.29330	0.07342	11	0.82	6%	0
004.06	Fiber, Fibertec (PCT)	0722	2.4239	0.02760	1.9686	0.29330	0.07342	11	1.55	12%	0
004.06	Fiber, Fibertec (PCT)	0613	2.9050	0.13000	1.9686	0.29330	0.07342	11	3.19	24%	0
004.07	Fiber, ANKOM (PCT)	0407	2.5650	0.19000	3.6982	1.0647	0.41057	10	-1.06	15%	0
004.07	Fiber, ANKOM (PCT)	0643	2.7450	0.11000	3.6982	1.0647	0.41057	10	-0.90	13%	0
004.07	Fiber, ANKOM (PCT)	0683	2.7700	0.22000	3.6982	1.0647	0.41057	10	-0.87	13%	0
004.07	Fiber, ANKOM (PCT)	0861	3.1000	1.0800	3.6982	1.0647	0.41057	10	-0.56	8%	0

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004.07	Fiber, ANKOM (PCT)	0278	3.5000	0.40000	3.6982	1.0647	0.41057	10	-0.19	3%	0
004.07	Fiber, ANKOM (PCT)	0553	3.6200	0.98000	3.6982	1.0647	0.41057	10	-0.07	1%	0
004.07	Fiber, ANKOM (PCT)	0913	4.1500	0.46000	3.6982	1.0647	0.41057	10	0.42	6%	0
004.07	Fiber, ANKOM (PCT)	0682	4.5000	0.20000	3.6982	1.0647	0.41057	10	0.75	11%	0
004.07	Fiber, ANKOM (PCT)	0870	4.7369	0.06570	3.6982	1.0647	0.41057	10	0.98	14%	0
004.07	Fiber, ANKOM (PCT)	0265	6.7000	0.40000	3.6982	1.0647	0.41057	10	2.82	41%	0
004.07	Fiber, ANKOM (PCT)	0520	3.5600	2.2000	3.6982	1.0647	0.41057	10	-0.13	2%	1
004.11	Fiber, NIR (PCT)	0720	12.950	0.10000			0.10000	1			
005.00	Ash, (PCT)	0144	1.5750	0.07000	67.334	0.73218	0.23656	58	-89.81	49%	0
005.00	Ash, (PCT)	0108	6.8150	0.07000	67.334	0.73218	0.23656	58	-82.66	45%	0
005.00	Ash, (PCT)	0138	33.410	0.08000	67.334	0.73218	0.23656	58	-46.33	25%	0
005.00	Ash, (PCT)	0613	64.785	0.39000	67.334	0.73218	0.23656	58	-3.48	2%	0
005.00	Ash, (PCT)	0598	65.285	0.09000	67.334	0.73218	0.23656	58	-2.80	2%	0
005.00	Ash, (PCT)	0160	65.300	0.20000	67.334	0.73218	0.23656	58	-2.78	2%	0
005.00	Ash, (PCT)	0620	65.433	0.06500	67.334	0.73218	0.23656	58	-2.60	1%	0
005.00	Ash, (PCT)	0870	65.488	0.03510	67.334	0.73218	0.23656	58	-2.52	1%	0
005.00	Ash, (PCT)	0417	65.640	0.24000	67.334	0.73218	0.23656	58	-2.31	1%	0
005.00	Ash, (PCT)	0278	66.440	0.06000	67.334	0.73218	0.23656	58	-1.22	1%	0
005.00	Ash, (PCT)	0550	66.470	0.04000	67.334	0.73218	0.23656	58	-1.18	1%	0
005.00	Ash, (PCT)	0541	66.475	0.13000	67.334	0.73218	0.23656	58	-1.17	1%	0
005.00	Ash, (PCT)	0520	66.710	0.26000	67.334	0.73218	0.23656	58	-0.85	0%	0
005.00	Ash, (PCT)	0026	66.755	0.09000	67.334	0.73218	0.23656	58	-0.79	0%	0
005.00	Ash, (PCT)	0089	66.760	0.06000	67.334	0.73218	0.23656	58	-0.78	0%	0
005.00	Ash, (PCT)	0407	66.785	0.05000	67.334	0.73218	0.23656	58	-0.75	0%	0
005.00	Ash, (PCT)	0029	66.860	1.5600	67.334	0.73218	0.23656	58	-0.65	0%	0
005.00	Ash, (PCT)	0651	66.951	0.03000	67.334	0.73218	0.23656	58	-0.52	0%	0
005.00	Ash, (PCT)	0670	66.970	0.04000	67.334	0.73218	0.23656	58	-0.50	0%	0
005.00	Ash, (PCT)	0913	67.035	0.03000	67.334	0.73218	0.23656	58	-0.41	0%	0
005.00	Ash, (PCT)	0643	67.130	0.18000	67.334	0.73218	0.23656	58	-0.28	0%	0
005.00	Ash, (PCT)	0722	67.130	0.00130	67.334	0.73218	0.23656	58	-0.28	0%	0
005.00	Ash, (PCT)	0529	67.175	0.25000	67.334	0.73218	0.23656	58	-0.22	0%	0
005.00	Ash, (PCT)	0035	67.195	0.01000	67.334	0.73218	0.23656	58	-0.19	0%	0
005.00	Ash, (PCT)	0559	67.225	0.31000	67.334	0.73218	0.23656	58	-0.15	0%	0
005.00	Ash, (PCT)	0178	67.255	1.3900	67.334	0.73218	0.23656	58	-0.11	0%	0
005.00	Ash, (PCT)	0358	67.265	0.13000	67.334	0.73218	0.23656	58	-0.09	0%	0
005.00	Ash, (PCT)	0661	67.370	0.04000	67.334	0.73218	0.23656	58	0.05	0%	0
005.00	Ash, (PCT)	0674	67.415	0.05000	67.334	0.73218	0.23656	58	0.11	0%	0
005.00	Ash, (PCT)	0853	67.425	0.61000	67.334	0.73218	0.23656	58	0.12	0%	0
005.00	Ash, (PCT)	0199	67.455	0.09000	67.334	0.73218	0.23656	58	0.17	0%	0
005.00	Ash, (PCT)	0083	67.490	0.26000	67.334	0.73218	0.23656	58	0.21	0%	0
005.00	Ash, (PCT)	0623	67.509	0.40850	67.334	0.73218	0.23656	58	0.24	0%	0
005.00	Ash, (PCT)	0171	67.510	0.36000	67.334	0.73218	0.23656	58	0.24	0%	0

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005.00	Ash, (PCT)	0653	67.520	0.08000	67.334	0.73218	0.23656	58	0.25	0%	0
005.00	Ash, (PCT)	0552	67.550	0.20000	67.334	0.73218	0.23656	58	0.30	0%	0
005.00	Ash, (PCT)	0683	67.610	0.04000	67.334	0.73218	0.23656	58	0.38	0%	0
005.00	Ash, (PCT)	0337	67.615	0.39000	67.334	0.73218	0.23656	58	0.38	0%	0
005.00	Ash, (PCT)	0265	67.650	0.10000	67.334	0.73218	0.23656	58	0.43	0%	0
005.00	Ash, (PCT)	0100	67.660	0.08000	67.334	0.73218	0.23656	58	0.45	0%	0
005.00	Ash, (PCT)	0226	67.700	0.40000	67.334	0.73218	0.23656	58	0.50	0%	0
005.00	Ash, (PCT)	0589	67.720	0.54000	67.334	0.73218	0.23656	58	0.53	0%	0
005.00	Ash, (PCT)	0848	67.785	0.01000	67.334	0.73218	0.23656	58	0.62	0%	0
005.00	Ash, (PCT)	0861	67.800	0.06000	67.334	0.73218	0.23656	58	0.64	0%	0
005.00	Ash, (PCT)	0563	67.830	0.00220	67.334	0.73218	0.23656	58	0.68	0%	0
005.00	Ash, (PCT)	0413	67.850	0.70000	67.334	0.73218	0.23656	58	0.71	0%	0
005.00	Ash, (PCT)	0553	67.855	0.13000	67.334	0.73218	0.23656	58	0.71	0%	0
005.00	Ash, (PCT)	0622	67.881	0.21460	67.334	0.73218	0.23656	58	0.75	0%	0
005.00	Ash, (PCT)	0574	68.030	0.28000	67.334	0.73218	0.23656	58	0.95	1%	0
005.00	Ash, (PCT)	0297	68.200	0.20000	67.334	0.73218	0.23656	58	1.18	1%	0
005.00	Ash, (PCT)	0682	68.215	0.07000	67.334	0.73218	0.23656	58	1.20	1%	0
005.00	Ash, (PCT)	0716	68.235	0.59000	67.334	0.73218	0.23656	58	1.23	1%	0
005.00	Ash, (PCT)	0650	68.280	0.56000	67.334	0.73218	0.23656	58	1.29	1%	0
005.00	Ash, (PCT)	0849	68.325	0.01000	67.334	0.73218	0.23656	58	1.35	1%	0
005.00	Ash, (PCT)	0309	68.328	0.00400	67.334	0.73218	0.23656	58	1.36	1%	0
005.00	Ash, (PCT)	0885	68.465	0.51000	67.334	0.73218	0.23656	58	1.54	1%	0
005.00	Ash, (PCT)	0720	68.515	0.85000	67.334	0.73218	0.23656	58	1.61	1%	0
005.00	Ash, (PCT)	0689	68.550	0.02000	67.334	0.73218	0.23656	58	1.66	1%	0
005.00	Ash, (PCT)	0169	65.155	1.7100	67.334	0.73218	0.23656	58	-2.98	2%	1
005.00	Ash, (PCT)	0208	66.350	2.3000	67.334	0.73218	0.23656	58	-1.34	1%	1
005.00	Ash, (PCT)	0142	67.450	1.9000	67.334	0.73218	0.23656	58	0.16	0%	1
005.02	Ash, LECO (PCT)	0610	68.135	0.11000			0.11000	1			
005.03	Ash, Microwave furnace (PCT)	0912	66.100	0.00000			0.00000	1			
005.05	Ash, 3h @ 550°C (PCT)	0897	65.250	0.10000	67.825	0.70740	0.16624	17	-3.64	2%	0
005.05	Ash, 3h @ 550°C (PCT)	0896	65.440	0.02000	67.825	0.70740	0.16624	17	-3.37	2%	0
005.05	Ash, 3h @ 550°C (PCT)	0879	65.745	1.1900	67.825	0.70740	0.16624	17	-2.94	2%	0
005.05	Ash, 3h @ 550°C (PCT)	0898	66.330	0.18000	67.825	0.70740	0.16624	17	-2.11	1%	0
005.05	Ash, 3h @ 550°C (PCT)	0891	67.525	0.01000	67.825	0.70740	0.16624	17	-0.42	0%	0
005.05	Ash, 3h @ 550°C (PCT)	0900	67.610	0.22000	67.825	0.70740	0.16624	17	-0.30	0%	0
005.05	Ash, 3h @ 550°C (PCT)	0121	67.781	0.52800	67.825	0.70740	0.16624	17	-0.06	0%	0
005.05	Ash, 3h @ 550°C (PCT)	0887	67.910	0.04000	67.825	0.70740	0.16624	17	0.12	0%	0
005.05	Ash, 3h @ 550°C (PCT)	0886	67.920	0.06000	67.825	0.70740	0.16624	17	0.13	0%	0
005.05	Ash, 3h @ 550°C (PCT)	0679	67.935	0.17000	67.825	0.70740	0.16624	17	0.16	0%	0
005.05	Ash, 3h @ 550°C (PCT)	0893	67.935	0.03000	67.825	0.70740	0.16624	17	0.16	0%	0
005.05	Ash, 3h @ 550°C (PCT)	0871	68.020	0.04000	67.825	0.70740	0.16624	17	0.28	0%	0
005.05	Ash, 3h @ 550°C (PCT)	0695	68.370	0.12000	67.825	0.70740	0.16624	17	0.77	0%	0

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005.05	Ash, 3h @ 550°C (PCT)	0868	68.435	0.01000	67.825	0.70740	0.16624	17	0.86	0%	0
005.05	Ash, 3h @ 550°C (PCT)	0903	68.495	0.03000	67.825	0.70740	0.16624	17	0.95	0%	0
005.05	Ash, 3h @ 550°C (PCT)	0895	68.520	0.06000	67.825	0.70740	0.16624	17	0.98	1%	0
005.05	Ash, 3h @ 550°C (PCT)	0866	69.005	0.01800	67.825	0.70740	0.16624	17	1.67	1%	0
005.05	Ash, 3h @ 550°C (PCT)	0873	65.790	1.9400	67.825	0.70740	0.16624	17	-2.88	1%	1
005.11	Ash, NIR (PCT)	0720	22.070	0.04000			0.04000	1			
005.99	Ash, Miscellaneous (PCT)	0202	67.625	0.09000	67.813	0.26517	0.04500	2	-0.71	0%	0
005.99	Ash, Miscellaneous (PCT)	0673	68.000	0.00000	67.813	0.26517	0.04500	2	0.71	0%	0
006.99	Sugar, Miscellaneous (PCT)	0670	1.4100	0.04000			0.04000	1			
008.02	Fiber, Acid Detergent (PCT)	0309	2.5500	0.16000			0.16000	1			
008.05	Fiber, Acid Detergent-Hach (PCT)	0265	5.3500	0.50000			0.50000	1			
008.08	Fiber, Acid Detergent, ANKOM (PCT)	0861	2.6600	0.18000	3.2690	0.55459	0.19175	8	-1.10	9%	0
008.08	Fiber, Acid Detergent, ANKOM (PCT)	0278	2.8500	0.50000	3.2690	0.55459	0.19175	8	-0.76	6%	0
008.08	Fiber, Acid Detergent, ANKOM (PCT)	0849	2.9250	0.05000	3.2690	0.55459	0.19175	8	-0.62	5%	0
008.08	Fiber, Acid Detergent, ANKOM (PCT)	0358	3.0450	0.19000	3.2690	0.55459	0.19175	8	-0.40	3%	0
008.08	Fiber, Acid Detergent, ANKOM (PCT)	0913	3.2550	0.09000	3.2690	0.55459	0.19175	8	-0.03	0%	0
008.08	Fiber, Acid Detergent, ANKOM (PCT)	0870	3.5540	0.12400	3.2690	0.55459	0.19175	8	0.51	4%	0
008.08	Fiber, Acid Detergent, ANKOM (PCT)	0297	3.9300	0.34000	3.2690	0.55459	0.19175	8	1.19	10%	0
008.08	Fiber, Acid Detergent, ANKOM (PCT)	0106	4.3300	0.06000	3.2690	0.55459	0.19175	8	1.91	16%	0
008.99	Fiber, Acid Detergent Miscellaneous (PCT)	0407	3.4950	0.03000	11.318	12.559	0.06333	3	-0.62	35%	0
008.99	Fiber, Acid Detergent Miscellaneous (PCT)	0613	4.6550	0.15000	11.318	12.559	0.06333	3	-0.53	29%	0
008.99	Fiber, Acid Detergent Miscellaneous (PCT)	0720	25.805	0.01000	11.318	12.559	0.06333	3	1.15	64%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (PCT)	0309	26.524	2.6801			2.6801	1			
009.09	Fiber, Neutral Detergent, ANKOM (PCT)	0870	5.2223	0.16340	6.5796	1.1407	0.17049	7	-1.19	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (PCT)	0106	5.6350	0.05000	6.5796	1.1407	0.17049	7	-0.83	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (PCT)	0861	5.8850	0.33000	6.5796	1.1407	0.17049	7	-0.61	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (PCT)	0913	6.9800	0.12000	6.5796	1.1407	0.17049	7	0.35	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (PCT)	0278	7.1500	0.30000	6.5796	1.1407	0.17049	7	0.50	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (PCT)	0849	7.1950	0.09000	6.5796	1.1407	0.17049	7	0.54	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (PCT)	0297	7.9900	0.14000	6.5796	1.1407	0.17049	7	1.24	11%	0
009.09	Fiber, Neutral Detergent, ANKOM (PCT)	0265	18.650	1.3000	6.5796	1.1407	0.17049	7	10.58	92%	1
009.99	Fiber, Neutral Det Miscellaneous (PCT)	0407	6.9150	0.09000	13.422	5.9661	0.13000	3	-1.09	24%	0
009.99	Fiber, Neutral Det Miscellaneous (PCT)	0613	14.715	0.19000	13.422	5.9661	0.13000	3	0.22	5%	0
009.99	Fiber, Neutral Det Miscellaneous (PCT)	0720	18.635	0.11000	13.422	5.9661	0.13000	3	0.87	19%	0
010.03	Moisture, Karl-Fischer (PCT)	0843	3.9150	0.53000			0.53000	1			
010.11	Moisture, NIR (PCT)	0168	4.2450	0.11000	7.2275	4.2179	0.07500	2	-0.71	21%	0
010.11	Moisture, NIR (PCT)	0720	10.210	0.04000	7.2275	4.2179	0.07500	2	0.71	21%	0
010.99	Moisture, Miscellaneous (PCT)	0866	3.0130	0.04600	3.6036	0.65997	0.04100	6	-0.89	8%	0
010.99	Moisture, Miscellaneous (PCT)	0871	3.1000	0.00000	3.6036	0.65997	0.04100	6	-0.76	7%	0
010.99	Moisture, Miscellaneous (PCT)	0716	3.2950	0.05000	3.6036	0.65997	0.04100	6	-0.47	4%	0
010.99	Moisture, Miscellaneous (PCT)	0873	3.5950	0.07000	3.6036	0.65997	0.04100	6	-0.01	0%	0
010.99	Moisture, Miscellaneous (PCT)	0879	4.8800	0.08000	3.6036	0.65997	0.04100	6	1.93	18%	0

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010.99	Moisture, Miscellaneous (PCT)	0673	8.1000	0.00000	3.6036	0.65997	0.04100	6	6.81	62%	0
010.99	Moisture, Miscellaneous (PCT)	0613	3.0500	0.30000	3.6036	0.65997	0.04100	6	-0.84	8%	1
011.01	Loss on Drying, 135 deg 2hr (PCT)	0226	3.2500	0.10000	5.3602	0.62856	0.14596	35	-3.36	20%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0643	3.8500	0.10000	5.3602	0.62856	0.14596	35	-2.40	14%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0152	3.9500	0.10000	5.3602	0.62856	0.14596	35	-2.24	13%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0574	4.1350	0.27000	5.3602	0.62856	0.14596	35	-1.95	11%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0870	4.1868	0.42170	5.3602	0.62856	0.14596	35	-1.87	11%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0859	4.6680	0.11200	5.3602	0.62856	0.14596	35	-1.10	6%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0682	4.7150	0.19000	5.3602	0.62856	0.14596	35	-1.03	6%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0674	4.7500	0.10000	5.3602	0.62856	0.14596	35	-0.97	6%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0622	4.7610	0.04610	5.3602	0.62856	0.14596	35	-0.95	6%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0294	4.9000	0.00000	5.3602	0.62856	0.14596	35	-0.73	4%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0552	4.9350	0.03000	5.3602	0.62856	0.14596	35	-0.68	4%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0563	4.9454	0.03690	5.3602	0.62856	0.14596	35	-0.66	4%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0722	4.9655	0.04400	5.3602	0.62856	0.14596	35	-0.63	4%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0843	5.0600	0.30000	5.3602	0.62856	0.14596	35	-0.48	3%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0358	5.3800	0.38000	5.3602	0.62856	0.14596	35	0.03	0%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0265	5.4000	0.40000	5.3602	0.62856	0.14596	35	0.06	0%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0208	5.4500	0.10000	5.3602	0.62856	0.14596	35	0.14	1%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0026	5.5300	0.10000	5.3602	0.62856	0.14596	35	0.27	2%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0171	5.5350	0.25000	5.3602	0.62856	0.14596	35	0.28	2%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0553	5.5650	0.49000	5.3602	0.62856	0.14596	35	0.33	2%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0848	5.6300	0.04000	5.3602	0.62856	0.14596	35	0.43	3%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0623	5.7600	0.34400	5.3602	0.62856	0.14596	35	0.64	4%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0670	5.8050	0.05000	5.3602	0.62856	0.14596	35	0.71	4%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0520	5.8250	0.09000	5.3602	0.62856	0.14596	35	0.74	4%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0861	5.8400	0.08000	5.3602	0.62856	0.14596	35	0.76	4%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0205	5.8520	0.05200	5.3602	0.62856	0.14596	35	0.78	5%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0309	5.8600	0.08000	5.3602	0.62856	0.14596	35	0.80	5%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0541	5.8650	0.07000	5.3602	0.62856	0.14596	35	0.80	5%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0138	5.8750	0.05000	5.3602	0.62856	0.14596	35	0.82	5%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0589	5.8900	0.02000	5.3602	0.62856	0.14596	35	0.84	5%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0098	5.9300	0.08000	5.3602	0.62856	0.14596	35	0.91	5%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0121	5.9780	0.34200	5.3602	0.62856	0.14596	35	0.98	6%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0407	6.0400	0.00000	5.3602	0.62856	0.14596	35	1.08	6%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0650	6.0800	0.18000	5.3602	0.62856	0.14596	35	1.15	7%	0
011.01	Loss on Drying, 135 deg 2hr (PCT)	0913	6.1500	0.06000	5.3602	0.62856	0.14596	35	1.26	7%	0
011.02	Loss on drying, 130°C for 2 hours (PCT)	0417	5.4950	0.15000			0.15000	1			
011.99	Loss on Drying, High Temp. Methods Miscellaneo	0541	2.4250	0.15000			0.15000	1			
012.00	Starch, Polarimetric (Ewers) (PCT)	0682	1.0250	0.11000			0.11000	1			
012.01	Starch, Megazyme (PCT)	0265	0.95000	0.10000	1.1852	0.33262	0.07630	2	-0.71	10%	0
012.01	Starch, Megazyme (PCT)	0870	1.4204	0.05260	1.1852	0.33262	0.07630	2	0.71	10%	0

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012.03	Starch, Enzymatic (PCT)	0297	1.4000	0.00000			0.00000	1			
012.04	Starch, YSI Analyzer (PCT)	0278	1.2000	0.00000			0.00000	1			
012.11	Starch, NIR (PCT)	0720	37.940	0.02000			0.02000	1			
013.00	Fat, Acid hydrolysis (PCT)	0309	4.7950	0.05000	5.1188	0.24046	0.26250	4	-1.35	3%	0
013.00	Fat, Acid hydrolysis (PCT)	0873	5.0850	0.95000	5.1188	0.24046	0.26250	4	-0.14	0%	0
013.00	Fat, Acid hydrolysis (PCT)	0695	5.2550	0.05000	5.1188	0.24046	0.26250	4	0.57	1%	0
013.00	Fat, Acid hydrolysis (PCT)	0861	5.3400	0.00000	5.1188	0.24046	0.26250	4	0.92	2%	0
013.02	Fat, Mojonner, Bak Ext (PCT)	0553	3.7850	0.21000	4.7440	0.75223	0.32559	10	-1.27	10%	0
013.02	Fat, Mojonner, Bak Ext (PCT)	0337	4.0850	0.19000	4.7440	0.75223	0.32559	10	-0.88	7%	0
013.02	Fat, Mojonner, Bak Ext (PCT)	0171	4.2700	0.18000	4.7440	0.75223	0.32559	10	-0.63	5%	0
013.02	Fat, Mojonner, Bak Ext (PCT)	0682	4.3750	0.77000	4.7440	0.75223	0.32559	10	-0.49	4%	0
013.02	Fat, Mojonner, Bak Ext (PCT)	0643	4.5350	0.03000	4.7440	0.75223	0.32559	10	-0.28	2%	0
013.02	Fat, Mojonner, Bak Ext (PCT)	0870	4.6471	0.05590	4.7440	0.75223	0.32559	10	-0.13	1%	0
013.02	Fat, Mojonner, Bak Ext (PCT)	0650	5.0700	0.06000	4.7440	0.75223	0.32559	10	0.43	3%	0
013.02	Fat, Mojonner, Bak Ext (PCT)	0208	5.3000	0.28000	4.7440	0.75223	0.32559	10	0.74	6%	0
013.02	Fat, Mojonner, Bak Ext (PCT)	0853	5.7900	0.64000	4.7440	0.75223	0.32559	10	1.39	11%	0
013.02	Fat, Mojonner, Bak Ext (PCT)	0843	5.8300	0.84000	4.7440	0.75223	0.32559	10	1.44	11%	0
013.10	Fat, Soxtec-Acid Hydrolysis (PCT)	0870	3.4346	0.15010	4.7074	0.96190	0.22503	4	-1.32	14%	0
013.10	Fat, Soxtec-Acid Hydrolysis (PCT)	0673	4.5500	0.10000	4.7074	0.96190	0.22503	4	-0.16	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (PCT)	0613	5.1900	0.20000	4.7074	0.96190	0.22503	4	0.50	5%	0
013.10	Fat, Soxtec-Acid Hydrolysis (PCT)	0417	5.6550	0.45000	4.7074	0.96190	0.22503	4	0.99	10%	0
013.11	Fat, Super Critical Fluid Extraction (PCT)	0866	4.0750	0.15000			0.15000	1			
013.12	Fat, NIR- Acid Hydrolysis (PCT)	0720	5.4000	0.00000			0.00000	1			
015.41	Aluminum, ICP, Dry ash (PPM)	0049	936.54	40.360	1,332.0	228.50	25.472	5	-1.73	15%	0
015.41	Aluminum, ICP, Dry ash (PPM)	0164	1,356.5	13.000	1,332.0	228.50	25.472	5	0.11	1%	0
015.41	Aluminum, ICP, Dry ash (PPM)	0171	1,395.0	50.000	1,332.0	228.50	25.472	5	0.28	2%	0
015.41	Aluminum, ICP, Dry ash (PPM)	0011	1,471.0	12.000	1,332.0	228.50	25.472	5	0.61	5%	0
015.41	Aluminum, ICP, Dry ash (PPM)	0520	1,501.0	12.000	1,332.0	228.50	25.472	5	0.74	6%	0
015.42	Aluminum, ICP, Open vessel (PPM)	0021	1,586.5	19.000	1,659.0	102.53	25.000	2	-0.71	2%	0
015.42	Aluminum, ICP, Open vessel (PPM)	0560	1,731.5	31.000	1,659.0	102.53	25.000	2	0.71	2%	0
015.43	Aluminum, ICP, Microwave (PPM)	0169	1,425.0	90.000	1,509.5	146.36	41.667	3	-0.58	3%	0
015.43	Aluminum, ICP, Microwave (PPM)	0510	1,425.0	10.000	1,509.5	146.36	41.667	3	-0.58	3%	0
015.43	Aluminum, ICP, Microwave (PPM)	0353	1,678.5	25.000	1,509.5	146.36	41.667	3	1.15	6%	0
015.52	Aluminum, ICP-MS, Open vessel (PPM)	0154	1,471.4	69.799			69.799	1			
015.53	Aluminum, ICP-MS, Microwave (PPM)	0912	1,588.5	15.000			15.000	1			
016.01	Arsenic, Total (PPM)	0011	3.6705	0.52900	3.8503	0.25420	0.28450	2	-0.71	2%	0
016.01	Arsenic, Total (PPM)	0908	4.0300	0.04000	3.8503	0.25420	0.28450	2	0.71	2%	0
016.42	Arsenic, ICP, Open vessel (PPM)	0021	0.00000	0.00000			0.00000	1			
016.52	Arsenic, ICP-MS, Open vessel (PPM)	0154	2.6130	0.77400			0.77400	1			
016.53	Arsenic, ICP-MS, Microwave (PPM)	0912	0.00000	0.00000			0.00000	1			
016.99	Arsenic, Miscellaneous (PPM)	0508	4.2120	0.26000			0.26000	1			
017.41	Boron, ICP, Dry ash (PPM)	0358	13.570	0.30000	16.750	4.4972	0.72000	2	-0.71	9%	0

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017.41	Boron, ICP, Dry ash (PPM)	0049	19.930	1.1400	16.750	4.4972	0.72000	2	0.71	9%	0
017.42	Boron, ICP, Open vessel (PPM)	0021	0.00000	0.00000	23.900	23.925	0.73333	3	-1.00	50%	0
017.42	Boron, ICP, Open vessel (PPM)	0560	23.850	1.3000	23.900	23.925	0.73333	3	0.00	0%	0
017.42	Boron, ICP, Open vessel (PPM)	0045	47.850	0.90000	23.900	23.925	0.73333	3	1.00	50%	0
017.43	Boron, ICP, Microwave (PPM)	0510	15.000	0.00000	44.773	37.483	1.9067	3	-0.79	33%	0
017.43	Boron, ICP, Microwave (PPM)	0353	32.455	5.0500	44.773	37.483	1.9067	3	-0.33	14%	0
017.43	Boron, ICP, Microwave (PPM)	0294	86.865	0.67000	44.773	37.483	1.9067	3	1.12	47%	0
017.53	Boron, ICP-MS, Microwave (PPM)	0912	14.500	3.0000			3.0000	1			
018.31	Cadmium, AAS, Dry ash (PPM)	0866	0.52000	0.03000			0.03000	1			
018.41	Cadmium, ICP, Dry ash (PPM)	0011	1.1660	0.02400	1.2780	0.15839	0.05200	2	-0.71	4%	0
018.41	Cadmium, ICP, Dry ash (PPM)	0695	1.3900	0.08000	1.2780	0.15839	0.05200	2	0.71	4%	0
018.42	Cadmium, ICP, Open vessel (PPM)	0021	1.2360	0.10800			0.10800	1			
018.43	Cadmium, ICP, Microwave (PPM)	0508	1.0400	0.22000			0.22000	1			
018.52	Cadmium, ICP-MS, Open vessel (PPM)	0154	1.2815	0.13900			0.13900	1			
018.53	Cadmium, ICP-MS, Microwave (PPM)	0912	1.3525	0.27100			0.27100	1			
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0651	6.2590	0.18200	7.8121	0.47256	0.07015	18	-3.29	10%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0620	6.5013	0.07540	7.8121	0.47256	0.07015	18	-2.77	8%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0894	7.2250	0.05000	7.8121	0.47256	0.07015	18	-1.24	4%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0623	7.4287	0.18230	7.8121	0.47256	0.07015	18	-0.81	2%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0903	7.4750	0.03000	7.8121	0.47256	0.07015	18	-0.71	2%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0895	7.5800	0.00000	7.8121	0.47256	0.07015	18	-0.49	1%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0897	7.5850	0.05000	7.8121	0.47256	0.07015	18	-0.48	1%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0900	7.6250	0.05000	7.8121	0.47256	0.07015	18	-0.40	1%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0892	7.6550	0.07000	7.8121	0.47256	0.07015	18	-0.33	1%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0891	8.0065	0.00300	7.8121	0.47256	0.07015	18	0.41	1%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0893	8.0100	0.04000	7.8121	0.47256	0.07015	18	0.42	1%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0868	8.0800	0.04000	7.8121	0.47256	0.07015	18	0.57	2%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0898	8.0800	0.06000	7.8121	0.47256	0.07015	18	0.57	2%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0679	8.0850	0.31000	7.8121	0.47256	0.07015	18	0.58	2%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0887	8.1300	0.02000	7.8121	0.47256	0.07015	18	0.67	2%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0716	8.3300	0.02000	7.8121	0.47256	0.07015	18	1.10	3%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0683	9.0650	0.03000	7.8121	0.47256	0.07015	18	2.65	8%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0552	14.785	0.05000	7.8121	0.47256	0.07015	18	14.76	45%	0
019.00	Calcium, Ox-Mn04 Vol. (PCT)	0622	6.9138	0.58630	7.8121	0.47256	0.07015	18	-1.90	6%	1
019.03	Calcium, Semiauto (Autoanalyzer) (PCT)	0026	7.4000	0.02000	8.1329	0.65789	0.04133	3	-1.11	5%	0
019.03	Calcium, Semiauto (Autoanalyzer) (PCT)	0036	8.3261	0.08900	8.1329	0.65789	0.04133	3	0.29	1%	0
019.03	Calcium, Semiauto (Autoanalyzer) (PCT)	0033	8.6725	0.01500	8.1329	0.65789	0.04133	3	0.82	3%	0
019.08	Calcium, EDTA (PCT)	0849	1.6600	0.00000	7.7854	0.99401	0.14333	6	-6.16	39%	0
019.08	Calcium, EDTA (PCT)	0871	6.0250	0.01000	7.7854	0.99401	0.14333	6	-1.77	11%	0
019.08	Calcium, EDTA (PCT)	0689	7.5900	0.10000	7.7854	0.99401	0.14333	6	-0.20	1%	0
019.08	Calcium, EDTA (PCT)	0138	8.4400	0.08000	7.7854	0.99401	0.14333	6	0.66	4%	0
019.08	Calcium, EDTA (PCT)	0673	8.4500	0.10000	7.7854	0.99401	0.14333	6	0.67	4%	0

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019.08	Calcium, EDTA (PCT)	0885	8.7050	0.57000	7.7854	0.99401	0.14333	6	0.93	6%	0
019.08	Calcium, EDTA (PCT)	0879	14.660	1.4200	7.7854	0.99401	0.14333	6	6.92	44%	1
019.31	Calcium, AAS, Dry ash (PCT)	0001	6.4820	1.2160	7.7449	0.39036	0.20609	27	-3.24	8%	0
019.31	Calcium, AAS, Dry ash (PCT)	0670	6.5440	0.05600	7.7449	0.39036	0.20609	27	-3.08	8%	0
019.31	Calcium, AAS, Dry ash (PCT)	0142	6.7500	0.10000	7.7449	0.39036	0.20609	27	-2.55	6%	0
019.31	Calcium, AAS, Dry ash (PCT)	0108	6.8450	0.85000	7.7449	0.39036	0.20609	27	-2.31	6%	0
019.31	Calcium, AAS, Dry ash (PCT)	0596	6.9000	0.40000	7.7449	0.39036	0.20609	27	-2.16	5%	0
019.31	Calcium, AAS, Dry ash (PCT)	0563	7.2983	0.07150	7.7449	0.39036	0.20609	27	-1.14	3%	0
019.31	Calcium, AAS, Dry ash (PCT)	0674	7.5200	0.02000	7.7449	0.39036	0.20609	27	-0.58	1%	0
019.31	Calcium, AAS, Dry ash (PCT)	0638	7.5350	0.01000	7.7449	0.39036	0.20609	27	-0.54	1%	0
019.31	Calcium, AAS, Dry ash (PCT)	0208	7.5450	0.15000	7.7449	0.39036	0.20609	27	-0.51	1%	0
019.31	Calcium, AAS, Dry ash (PCT)	0305	7.5550	0.43000	7.7449	0.39036	0.20609	27	-0.49	1%	0
019.31	Calcium, AAS, Dry ash (PCT)	0868	7.6950	0.03000	7.7449	0.39036	0.20609	27	-0.13	0%	0
019.31	Calcium, AAS, Dry ash (PCT)	0723	7.7400	0.02000	7.7449	0.39036	0.20609	27	-0.01	0%	0
019.31	Calcium, AAS, Dry ash (PCT)	0175	7.8000	0.30000	7.7449	0.39036	0.20609	27	0.14	0%	0
019.31	Calcium, AAS, Dry ash (PCT)	0505	7.8100	0.14000	7.7449	0.39036	0.20609	27	0.17	0%	0
019.31	Calcium, AAS, Dry ash (PCT)	0650	7.8150	0.01000	7.7449	0.39036	0.20609	27	0.18	0%	0
019.31	Calcium, AAS, Dry ash (PCT)	0689	7.8900	0.18000	7.7449	0.39036	0.20609	27	0.37	1%	0
019.31	Calcium, AAS, Dry ash (PCT)	0720	7.9100	0.14000	7.7449	0.39036	0.20609	27	0.42	1%	0
019.31	Calcium, AAS, Dry ash (PCT)	0529	7.9450	0.01000	7.7449	0.39036	0.20609	27	0.51	1%	0
019.31	Calcium, AAS, Dry ash (PCT)	0669	7.9700	0.20000	7.7449	0.39036	0.20609	27	0.58	1%	0
019.31	Calcium, AAS, Dry ash (PCT)	0905	7.9800	0.16000	7.7449	0.39036	0.20609	27	0.60	2%	0
019.31	Calcium, AAS, Dry ash (PCT)	0866	7.9865	0.02700	7.7449	0.39036	0.20609	27	0.62	2%	0
019.31	Calcium, AAS, Dry ash (PCT)	0014	7.9900	0.34000	7.7449	0.39036	0.20609	27	0.63	2%	0
019.31	Calcium, AAS, Dry ash (PCT)	0178	8.0700	0.03200	7.7449	0.39036	0.20609	27	0.83	2%	0
019.31	Calcium, AAS, Dry ash (PCT)	0653	8.0740	0.12200	7.7449	0.39036	0.20609	27	0.84	2%	0
019.31	Calcium, AAS, Dry ash (PCT)	0152	8.2000	0.20000	7.7449	0.39036	0.20609	27	1.17	3%	0
019.31	Calcium, AAS, Dry ash (PCT)	0354	8.2950	0.15000	7.7449	0.39036	0.20609	27	1.41	4%	0
019.31	Calcium, AAS, Dry ash (PCT)	0536	8.3300	0.20000	7.7449	0.39036	0.20609	27	1.50	4%	0
019.31	Calcium, AAS, Dry ash (PCT)	0873	6.2590	2.0720	7.7449	0.39036	0.20609	27	-3.81	10%	1
019.31	Calcium, AAS, Dry ash (PCT)	0908	0.82000	0.02000	7.7449	0.39036	0.20609	27	-17.74	45%	2
019.32	Calcium, AAS, Open vessel (PCT)	0609	5.9500	0.06000	7.8465	0.46724	0.06958	10	-4.06	12%	0
019.32	Calcium, AAS, Open vessel (PCT)	0026	7.4450	0.01000	7.8465	0.46724	0.06958	10	-0.86	3%	0
019.32	Calcium, AAS, Open vessel (PCT)	0612	7.5000	0.08000	7.8465	0.46724	0.06958	10	-0.74	2%	0
019.32	Calcium, AAS, Open vessel (PCT)	0169	7.6500	0.02000	7.8465	0.46724	0.06958	10	-0.42	1%	0
019.32	Calcium, AAS, Open vessel (PCT)	0035	7.8100	0.00000	7.8465	0.46724	0.06958	10	-0.08	0%	0
019.32	Calcium, AAS, Open vessel (PCT)	0263	7.9612	0.08090	7.8465	0.46724	0.06958	10	0.25	1%	0
019.32	Calcium, AAS, Open vessel (PCT)	0013	7.9650	0.27000	7.8465	0.46724	0.06958	10	0.25	1%	0
019.32	Calcium, AAS, Open vessel (PCT)	0010	8.1650	0.01000	7.8465	0.46724	0.06958	10	0.68	2%	0
019.32	Calcium, AAS, Open vessel (PCT)	0036	8.2350	0.14750	7.8465	0.46724	0.06958	10	0.83	2%	0
019.32	Calcium, AAS, Open vessel (PCT)	0722	8.9145	0.01740	7.8465	0.46724	0.06958	10	2.29	7%	0
019.32	Calcium, AAS, Open vessel (PCT)	0504	7.7395	0.49500	7.8465	0.46724	0.06958	10	-0.23	1%	1

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			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
019.33	Calcium, AAS, Microwave (PCT)	0504	7.6110	0.46200	7.7080	0.13718	0.24100	2	-0.71	1%	0
019.33	Calcium, AAS, Microwave (PCT)	0033	7.8050	0.02000	7.7080	0.13718	0.24100	2	0.71	1%	0
019.41	Calcium, ICP, Dry ash (PCT)	0598	6.6505	0.30100	7.7145	0.39247	0.12086	32	-2.71	7%	0
019.41	Calcium, ICP, Dry ash (PCT)	0358	6.8000	0.24000	7.7145	0.39247	0.12086	32	-2.33	6%	0
019.41	Calcium, ICP, Dry ash (PCT)	0848	6.9150	0.07000	7.7145	0.39247	0.12086	32	-2.04	5%	0
019.41	Calcium, ICP, Dry ash (PCT)	0144	6.9650	0.23000	7.7145	0.39247	0.12086	32	-1.91	5%	0
019.41	Calcium, ICP, Dry ash (PCT)	0049	7.0400	0.06000	7.7145	0.39247	0.12086	32	-1.72	4%	0
019.41	Calcium, ICP, Dry ash (PCT)	0550	7.1335	0.03900	7.7145	0.39247	0.12086	32	-1.48	4%	0
019.41	Calcium, ICP, Dry ash (PCT)	0695	7.2300	0.18000	7.7145	0.39247	0.12086	32	-1.23	3%	0
019.41	Calcium, ICP, Dry ash (PCT)	0910	7.3600	0.02000	7.7145	0.39247	0.12086	32	-0.90	2%	0
019.41	Calcium, ICP, Dry ash (PCT)	0003	7.5100	0.44000	7.7145	0.39247	0.12086	32	-0.52	1%	0
019.41	Calcium, ICP, Dry ash (PCT)	0511	7.5350	0.03000	7.7145	0.39247	0.12086	32	-0.46	1%	0
019.41	Calcium, ICP, Dry ash (PCT)	0208	7.5785	0.62300	7.7145	0.39247	0.12086	32	-0.35	1%	0
019.41	Calcium, ICP, Dry ash (PCT)	0229	7.6050	0.03000	7.7145	0.39247	0.12086	32	-0.28	1%	0
019.41	Calcium, ICP, Dry ash (PCT)	0520	7.7000	0.00000	7.7145	0.39247	0.12086	32	-0.04	0%	0
019.41	Calcium, ICP, Dry ash (PCT)	0011	7.7411	0.11750	7.7145	0.39247	0.12086	32	0.07	0%	0
019.41	Calcium, ICP, Dry ash (PCT)	0008	7.7707	0.02210	7.7145	0.39247	0.12086	32	0.14	0%	0
019.41	Calcium, ICP, Dry ash (PCT)	0074	7.7800	0.16000	7.7145	0.39247	0.12086	32	0.17	0%	0
019.41	Calcium, ICP, Dry ash (PCT)	0029	7.8066	0.19580	7.7145	0.39247	0.12086	32	0.23	1%	0
019.41	Calcium, ICP, Dry ash (PCT)	0171	7.8100	0.08000	7.7145	0.39247	0.12086	32	0.24	1%	0
019.41	Calcium, ICP, Dry ash (PCT)	0004	7.8210	0.06000	7.7145	0.39247	0.12086	32	0.27	1%	0
019.41	Calcium, ICP, Dry ash (PCT)	0089	7.8300	0.00000	7.7145	0.39247	0.12086	32	0.29	1%	0
019.41	Calcium, ICP, Dry ash (PCT)	0164	7.8300	0.04000	7.7145	0.39247	0.12086	32	0.29	1%	0
019.41	Calcium, ICP, Dry ash (PCT)	0019	7.8500	0.08000	7.7145	0.39247	0.12086	32	0.35	1%	0
019.41	Calcium, ICP, Dry ash (PCT)	0610	7.9360	0.02600	7.7145	0.39247	0.12086	32	0.56	1%	0
019.41	Calcium, ICP, Dry ash (PCT)	0100	7.9850	0.25000	7.7145	0.39247	0.12086	32	0.69	2%	0
019.41	Calcium, ICP, Dry ash (PCT)	0148	8.0150	0.01000	7.7145	0.39247	0.12086	32	0.77	2%	0
019.41	Calcium, ICP, Dry ash (PCT)	0350	8.0755	0.00700	7.7145	0.39247	0.12086	32	0.92	2%	0
019.41	Calcium, ICP, Dry ash (PCT)	0425	8.0900	0.00000	7.7145	0.39247	0.12086	32	0.96	2%	0
019.41	Calcium, ICP, Dry ash (PCT)	0226	8.1300	0.02000	7.7145	0.39247	0.12086	32	1.06	3%	0
019.41	Calcium, ICP, Dry ash (PCT)	0407	8.1300	0.04000	7.7145	0.39247	0.12086	32	1.06	3%	0
019.41	Calcium, ICP, Dry ash (PCT)	0083	8.1900	0.12000	7.7145	0.39247	0.12086	32	1.21	3%	0
019.41	Calcium, ICP, Dry ash (PCT)	0512	8.1970	0.00600	7.7145	0.39247	0.12086	32	1.23	3%	0
019.41	Calcium, ICP, Dry ash (PCT)	0682	8.2050	0.37000	7.7145	0.39247	0.12086	32	1.25	3%	0
019.41	Calcium, ICP, Dry ash (PCT)	0553	8.4000	0.98000	7.7145	0.39247	0.12086	32	1.75	4%	1
019.42	Calcium, ICP, Open vessel (PCT)	0692	6.7700	0.18000	7.8116	0.45536	0.18105	24	-2.29	7%	0
019.42	Calcium, ICP, Open vessel (PCT)	0106	6.9850	0.01000	7.8116	0.45536	0.18105	24	-1.82	5%	0
019.42	Calcium, ICP, Open vessel (PCT)	0199	7.1200	0.00000	7.8116	0.45536	0.18105	24	-1.52	4%	0
019.42	Calcium, ICP, Open vessel (PCT)	0357	7.1250	0.23000	7.8116	0.45536	0.18105	24	-1.51	4%	0
019.42	Calcium, ICP, Open vessel (PCT)	0037	7.2350	0.03000	7.8116	0.45536	0.18105	24	-1.27	4%	0
019.42	Calcium, ICP, Open vessel (PCT)	0265	7.5100	0.14000	7.8116	0.45536	0.18105	24	-0.66	2%	0
019.42	Calcium, ICP, Open vessel (PCT)	0187	7.6450	0.05000	7.8116	0.45536	0.18105	24	-0.37	1%	0

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019.42	Calcium, ICP, Open vessel (PCT)	0160	7.6850	0.25000	7.8116	0.45536	0.18105	24	-0.28	1%	0
019.42	Calcium, ICP, Open vessel (PCT)	0560	7.7332	0.01010	7.8116	0.45536	0.18105	24	-0.17	1%	0
019.42	Calcium, ICP, Open vessel (PCT)	0413	7.7650	0.13000	7.8116	0.45536	0.18105	24	-0.10	0%	0
019.42	Calcium, ICP, Open vessel (PCT)	0205	7.7800	0.06000	7.8116	0.45536	0.18105	24	-0.07	0%	0
019.42	Calcium, ICP, Open vessel (PCT)	0021	7.8075	0.59300	7.8116	0.45536	0.18105	24	-0.01	0%	0
019.42	Calcium, ICP, Open vessel (PCT)	0366	7.8300	0.32000	7.8116	0.45536	0.18105	24	0.04	0%	0
019.42	Calcium, ICP, Open vessel (PCT)	0035	7.8350	0.05000	7.8116	0.45536	0.18105	24	0.05	0%	0
019.42	Calcium, ICP, Open vessel (PCT)	0202	7.8700	0.00000	7.8116	0.45536	0.18105	24	0.13	0%	0
019.42	Calcium, ICP, Open vessel (PCT)	0098	7.9900	0.16000	7.8116	0.45536	0.18105	24	0.39	1%	0
019.42	Calcium, ICP, Open vessel (PCT)	0870	8.0230	0.60400	7.8116	0.45536	0.18105	24	0.46	1%	0
019.42	Calcium, ICP, Open vessel (PCT)	0613	8.0900	0.02000	7.8116	0.45536	0.18105	24	0.61	2%	0
019.42	Calcium, ICP, Open vessel (PCT)	0045	8.1000	0.08000	7.8116	0.45536	0.18105	24	0.63	2%	0
019.42	Calcium, ICP, Open vessel (PCT)	0504	8.1930	0.81000	7.8116	0.45536	0.18105	24	0.84	2%	0
019.42	Calcium, ICP, Open vessel (PCT)	0278	8.2700	0.24000	7.8116	0.45536	0.18105	24	1.01	3%	0
019.42	Calcium, ICP, Open vessel (PCT)	0190	8.8950	0.05000	7.8116	0.45536	0.18105	24	2.38	7%	0
019.42	Calcium, ICP, Open vessel (PCT)	0726	8.9065	0.02900	7.8116	0.45536	0.18105	24	2.40	7%	0
019.42	Calcium, ICP, Open vessel (PCT)	0168	9.0525	0.29900	7.8116	0.45536	0.18105	24	2.73	8%	0
019.42	Calcium, ICP, Open vessel (PCT)	0915	9.9440	1.4920	7.8116	0.45536	0.18105	24	4.68	14%	1
019.43	Calcium, ICP, Microwave (PCT)	0510	6.8500	0.00000	7.9364	0.31956	0.30930	12	-3.40	7%	0
019.43	Calcium, ICP, Microwave (PCT)	0121	7.5975	1.0910	7.9364	0.31956	0.30930	12	-1.06	2%	0
019.43	Calcium, ICP, Microwave (PCT)	0297	7.6050	0.13000	7.9364	0.31956	0.30930	12	-1.04	2%	0
019.43	Calcium, ICP, Microwave (PCT)	0026	7.7600	0.40000	7.9364	0.31956	0.30930	12	-0.55	1%	0
019.43	Calcium, ICP, Microwave (PCT)	0619	7.8000	0.18000	7.9364	0.31956	0.30930	12	-0.43	1%	0
019.43	Calcium, ICP, Microwave (PCT)	0675	7.9750	0.03000	7.9364	0.31956	0.30930	12	0.12	0%	0
019.43	Calcium, ICP, Microwave (PCT)	0914	8.0150	0.29000	7.9364	0.31956	0.30930	12	0.25	0%	0
019.43	Calcium, ICP, Microwave (PCT)	0508	8.0634	0.35460	7.9364	0.31956	0.30930	12	0.40	1%	0
019.43	Calcium, ICP, Microwave (PCT)	0027	8.0680	0.16600	7.9364	0.31956	0.30930	12	0.41	1%	0
019.43	Calcium, ICP, Microwave (PCT)	0017	8.1750	0.31000	7.9364	0.31956	0.30930	12	0.75	2%	0
019.43	Calcium, ICP, Microwave (PCT)	0353	8.2450	0.07000	7.9364	0.31956	0.30930	12	0.97	2%	0
019.43	Calcium, ICP, Microwave (PCT)	0294	9.5150	0.69000	7.9364	0.31956	0.30930	12	4.94	10%	0
019.52	Calcium, ICP-MS, Open vessel (PCT)	0154	6.9334	0.25710			0.25710	1			
019.53	Calcium, ICP-MS, Microwave (PCT)	0047	6.2000	0.20000	7.2072	0.87311	0.14300	3	-1.15	7%	0
019.53	Calcium, ICP-MS, Microwave (PCT)	0039	7.6715	0.00900	7.2072	0.87311	0.14300	3	0.53	3%	0
019.53	Calcium, ICP-MS, Microwave (PCT)	0912	7.7500	0.22000	7.2072	0.87311	0.14300	3	0.62	4%	0
019.99	Calcium, Miscellaneous (PCT)	0889	4.4500	0.02000	5.3750	1.3081	0.09000	2	-0.71	9%	0
019.99	Calcium, Miscellaneous (PCT)	0337	6.3000	0.16000	5.3750	1.3081	0.09000	2	0.71	9%	0
020.32	Chromium, AAS, Open vessel (PPM)	0722	53.936	1.2189			1.2189	1			
020.41	Chromium, ICP, Dry ash (PPM)	0011	44.147	0.15600	44.424	0.39103	0.47800	2	-0.71	0%	0
020.41	Chromium, ICP, Dry ash (PPM)	0171	44.700	0.80000	44.424	0.39103	0.47800	2	0.71	0%	0
020.42	Chromium, ICP, Open vessel (PPM)	0021	53.405	2.3500	53.603	0.27931	1.7750	2	-0.71	0%	0
020.42	Chromium, ICP, Open vessel (PPM)	0560	53.800	1.2000	53.603	0.27931	1.7750	2	0.71	0%	0
020.43	Chromium, ICP, Microwave (PPM)	0510	49.410	0.02000	52.170	3.9032	2.3600	2	-0.71	3%	0

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020.43	Chromium, ICP, Microwave (PPM)	0508	54.930	4.7000	52.170	3.9032	2.3600	2	0.71	3%	0
020.52	Chromium, ICP-MS, Open vessel (PPM)	0154	16.269	3.3680			3.3680	1			
020.53	Chromium, ICP-MS, Microwave (PPM)	0912	38.350	2.3000			2.3000	1			
020.99	Chromium, Miscellaneous (PPM)	0675	8.4050	0.19000			0.19000	1			
021.31	Cobalt, AAS, Dry ash (PPM)	0208	30.600	0.60000	53.720	19.675	2.2800	5	-1.18	22%	0
021.31	Cobalt, AAS, Dry ash (PPM)	0164	46.550	0.50000	53.720	19.675	2.2800	5	-0.36	7%	0
021.31	Cobalt, AAS, Dry ash (PPM)	0689	48.950	1.3000	53.720	19.675	2.2800	5	-0.24	4%	0
021.31	Cobalt, AAS, Dry ash (PPM)	0175	58.500	7.0000	53.720	19.675	2.2800	5	0.24	4%	0
021.31	Cobalt, AAS, Dry ash (PPM)	0596	84.000	2.0000	53.720	19.675	2.2800	5	1.54	28%	0
021.32	Cobalt, AAS, Open vessel (PPM)	0722	81.991	1.0298			1.0298	1			
021.33	Cobalt, AAS, Microwave (PPM)	0610	40.000	2.0000			2.0000	1			
021.41	Cobalt, ICP, Dry ash (PPM)	0011	43.039	0.46900	47.050	4.8642	0.54300	3	-0.82	4%	0
021.41	Cobalt, ICP, Dry ash (PPM)	0171	45.650	0.70000	47.050	4.8642	0.54300	3	-0.29	1%	0
021.41	Cobalt, ICP, Dry ash (PPM)	0029	52.460	0.46000	47.050	4.8642	0.54300	3	1.11	6%	0
021.42	Cobalt, ICP, Open vessel (PPM)	0504	19.400	38.800	41.344	15.095	9.3480	5	-1.45	27%	0
021.42	Cobalt, ICP, Open vessel (PPM)	0160	32.700	1.0000	41.344	15.095	9.3480	5	-0.57	10%	0
021.42	Cobalt, ICP, Open vessel (PPM)	0106	46.750	1.7000	41.344	15.095	9.3480	5	0.36	7%	0
021.42	Cobalt, ICP, Open vessel (PPM)	0021	51.820	4.1400	41.344	15.095	9.3480	5	0.69	13%	0
021.42	Cobalt, ICP, Open vessel (PPM)	0560	56.050	1.1000	41.344	15.095	9.3480	5	0.97	18%	0
021.43	Cobalt, ICP, Microwave (PPM)	0619	42.450	1.3000	45.775	2.4160	1.1350	4	-1.38	4%	0
021.43	Cobalt, ICP, Microwave (PPM)	0510	45.525	0.39000	45.775	2.4160	1.1350	4	-0.10	0%	0
021.43	Cobalt, ICP, Microwave (PPM)	0508	47.525	2.6500	45.775	2.4160	1.1350	4	0.72	2%	0
021.43	Cobalt, ICP, Microwave (PPM)	0169	47.600	0.20000	45.775	2.4160	1.1350	4	0.76	2%	0
021.52	Cobalt, ICP-MS, Open vessel (PPM)	0154	31.127	1.6310	37.213	8.6080	1.2155	2	-0.71	8%	0
021.52	Cobalt, ICP-MS, Open vessel (PPM)	0366	43.300	0.80000	37.213	8.6080	1.2155	2	0.71	8%	0
021.53	Cobalt, ICP-MS, Microwave (PPM)	0912	49.000	4.2000			4.2000	1			
022.31	Copper, AAS, Dry ash (PPM)	0529	0.10500	0.01000	1,019.4	62.696	23.239	21	-16.26	50%	0
022.31	Copper, AAS, Dry ash (PPM)	0536	342.21	14.050	1,019.4	62.696	23.239	21	-10.80	33%	0
022.31	Copper, AAS, Dry ash (PPM)	0720	840.83	75.442	1,019.4	62.696	23.239	21	-2.85	9%	0
022.31	Copper, AAS, Dry ash (PPM)	0638	876.25	47.500	1,019.4	62.696	23.239	21	-2.28	7%	0
022.31	Copper, AAS, Dry ash (PPM)	0305	962.24	2.9500	1,019.4	62.696	23.239	21	-0.91	3%	0
022.31	Copper, AAS, Dry ash (PPM)	0208	980.00	10.000	1,019.4	62.696	23.239	21	-0.63	2%	0
022.31	Copper, AAS, Dry ash (PPM)	0905	1,000.0	0.00000	1,019.4	62.696	23.239	21	-0.31	1%	0
022.31	Copper, AAS, Dry ash (PPM)	0505	1,015.0	10.000	1,019.4	62.696	23.239	21	-0.07	0%	0
022.31	Copper, AAS, Dry ash (PPM)	0354	1,015.4	11.810	1,019.4	62.696	23.239	21	-0.06	0%	0
022.31	Copper, AAS, Dry ash (PPM)	0563	1,017.0	14.000	1,019.4	62.696	23.239	21	-0.04	0%	0
022.31	Copper, AAS, Dry ash (PPM)	0866	1,017.0	43.430	1,019.4	62.696	23.239	21	-0.04	0%	0
022.31	Copper, AAS, Dry ash (PPM)	0868	1,039.0	64.000	1,019.4	62.696	23.239	21	0.31	1%	0
022.31	Copper, AAS, Dry ash (PPM)	0596	1,042.5	13.000	1,019.4	62.696	23.239	21	0.37	1%	0
022.31	Copper, AAS, Dry ash (PPM)	0178	1,046.0	26.000	1,019.4	62.696	23.239	21	0.42	1%	0
022.31	Copper, AAS, Dry ash (PPM)	0908	1,050.0	4.0000	1,019.4	62.696	23.239	21	0.49	1%	0
022.31	Copper, AAS, Dry ash (PPM)	0689	1,053.5	15.000	1,019.4	62.696	23.239	21	0.54	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
022.31	Copper, AAS, Dry ash (PPM)	0590	1,063.0	68.000	1,019.4	62.696	23.239	21	0.69	2%	0
022.31	Copper, AAS, Dry ash (PPM)	0669	1,076.8	14.680	1,019.4	62.696	23.239	21	0.91	3%	0
022.31	Copper, AAS, Dry ash (PPM)	0653	1,093.5	39.000	1,019.4	62.696	23.239	21	1.18	4%	0
022.31	Copper, AAS, Dry ash (PPM)	0175	1,100.0	0.00000	1,019.4	62.696	23.239	21	1.28	4%	0
022.31	Copper, AAS, Dry ash (PPM)	0674	1,154.5	15.150	1,019.4	62.696	23.239	21	2.15	7%	0
022.32	Copper, AAS, Open vessel (PPM)	0609	69.915	0.21000	814.54	497.82	13.528	4	-1.50	46%	0
022.32	Copper, AAS, Open vessel (PPM)	0722	1,011.7	12.902	814.54	497.82	13.528	4	0.40	12%	0
022.32	Copper, AAS, Open vessel (PPM)	0035	1,076.5	5.0000	814.54	497.82	13.528	4	0.53	16%	0
022.32	Copper, AAS, Open vessel (PPM)	0504	1,100.0	36.000	814.54	497.82	13.528	4	0.57	18%	0
022.33	Copper, AAS, Microwave (PPM)	0504	1,065.0	36.000			36.000	1			
022.41	Copper, ICP, Dry ash (PPM)	0598	865.50	61.000	1,024.8	57.261	22.994	25	-2.78	8%	0
022.41	Copper, ICP, Dry ash (PPM)	0358	915.64	2.6600	1,024.8	57.261	22.994	25	-1.91	5%	0
022.41	Copper, ICP, Dry ash (PPM)	0171	920.50	15.000	1,024.8	57.261	22.994	25	-1.82	5%	0
022.41	Copper, ICP, Dry ash (PPM)	0049	961.78	62.220	1,024.8	57.261	22.994	25	-1.10	3%	0
022.41	Copper, ICP, Dry ash (PPM)	0083	977.00	32.000	1,024.8	57.261	22.994	25	-0.83	2%	0
022.41	Copper, ICP, Dry ash (PPM)	0695	977.63	12.590	1,024.8	57.261	22.994	25	-0.82	2%	0
022.41	Copper, ICP, Dry ash (PPM)	0511	993.50	17.000	1,024.8	57.261	22.994	25	-0.55	2%	0
022.41	Copper, ICP, Dry ash (PPM)	0029	1,000.1	4.3000	1,024.8	57.261	22.994	25	-0.43	1%	0
022.41	Copper, ICP, Dry ash (PPM)	0229	1,002.0	30.000	1,024.8	57.261	22.994	25	-0.40	1%	0
022.41	Copper, ICP, Dry ash (PPM)	0520	1,005.5	9.0000	1,024.8	57.261	22.994	25	-0.34	1%	0
022.41	Copper, ICP, Dry ash (PPM)	0350	1,017.0	14.000	1,024.8	57.261	22.994	25	-0.14	0%	0
022.41	Copper, ICP, Dry ash (PPM)	0003	1,025.5	5.0000	1,024.8	57.261	22.994	25	0.01	0%	0
022.41	Copper, ICP, Dry ash (PPM)	0226	1,026.0	20.000	1,024.8	57.261	22.994	25	0.02	0%	0
022.41	Copper, ICP, Dry ash (PPM)	0550	1,034.5	6.9750	1,024.8	57.261	22.994	25	0.17	0%	0
022.41	Copper, ICP, Dry ash (PPM)	0164	1,035.0	10.000	1,024.8	57.261	22.994	25	0.18	0%	0
022.41	Copper, ICP, Dry ash (PPM)	0004	1,038.0	4.0000	1,024.8	57.261	22.994	25	0.23	1%	0
022.41	Copper, ICP, Dry ash (PPM)	0910	1,045.0	28.000	1,024.8	57.261	22.994	25	0.35	1%	0
022.41	Copper, ICP, Dry ash (PPM)	0425	1,050.0	0.00000	1,024.8	57.261	22.994	25	0.44	1%	0
022.41	Copper, ICP, Dry ash (PPM)	0512	1,063.5	45.000	1,024.8	57.261	22.994	25	0.68	2%	0
022.41	Copper, ICP, Dry ash (PPM)	0682	1,067.6	63.100	1,024.8	57.261	22.994	25	0.75	2%	0
022.41	Copper, ICP, Dry ash (PPM)	0610	1,073.5	31.000	1,024.8	57.261	22.994	25	0.85	2%	0
022.41	Copper, ICP, Dry ash (PPM)	0100	1,087.0	46.000	1,024.8	57.261	22.994	25	1.09	3%	0
022.41	Copper, ICP, Dry ash (PPM)	0074	1,092.5	15.000	1,024.8	57.261	22.994	25	1.18	3%	0
022.41	Copper, ICP, Dry ash (PPM)	0148	1,112.5	25.000	1,024.8	57.261	22.994	25	1.53	4%	0
022.41	Copper, ICP, Dry ash (PPM)	0407	1,210.0	16.000	1,024.8	57.261	22.994	25	3.23	9%	0
022.41	Copper, ICP, Dry ash (PPM)	0208	965.00	148.00	1,024.8	57.261	22.994	25	-1.04	3%	1
022.41	Copper, ICP, Dry ash (PPM)	0011	0.10755	0.00130	1,024.8	57.261	22.994	25	-17.89	50%	2
022.42	Copper, ICP, Open vessel (PPM)	0199	840.00	0.00000	1,016.2	94.184	54.913	20	-1.87	9%	0
022.42	Copper, ICP, Open vessel (PPM)	0187	908.87	11.460	1,016.2	94.184	54.913	20	-1.14	5%	0
022.42	Copper, ICP, Open vessel (PPM)	0915	934.00	198.00	1,016.2	94.184	54.913	20	-0.87	4%	0
022.42	Copper, ICP, Open vessel (PPM)	0037	944.50	11.000	1,016.2	94.184	54.913	20	-0.76	4%	0
022.42	Copper, ICP, Open vessel (PPM)	0168	944.50	45.000	1,016.2	94.184	54.913	20	-0.76	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	Rob SD	R-bar	# Labs			
022.42	Copper, ICP, Open vessel (PPM)	0692	955.00	110.00	1,016.2	94.184	54.913	20	-0.65	3%	0
022.42	Copper, ICP, Open vessel (PPM)	0278	956.15	31.900	1,016.2	94.184	54.913	20	-0.64	3%	0
022.42	Copper, ICP, Open vessel (PPM)	0357	957.00	2.0000	1,016.2	94.184	54.913	20	-0.63	3%	0
022.42	Copper, ICP, Open vessel (PPM)	0366	970.00	52.000	1,016.2	94.184	54.913	20	-0.49	2%	0
022.42	Copper, ICP, Open vessel (PPM)	0160	990.00	8.0000	1,016.2	94.184	54.913	20	-0.28	1%	0
022.42	Copper, ICP, Open vessel (PPM)	0021	1,015.6	52.900	1,016.2	94.184	54.913	20	-0.01	0%	0
022.42	Copper, ICP, Open vessel (PPM)	0045	1,050.0	100.00	1,016.2	94.184	54.913	20	0.36	2%	0
022.42	Copper, ICP, Open vessel (PPM)	0098	1,053.5	19.000	1,016.2	94.184	54.913	20	0.40	2%	0
022.42	Copper, ICP, Open vessel (PPM)	0106	1,055.0	10.000	1,016.2	94.184	54.913	20	0.41	2%	0
022.42	Copper, ICP, Open vessel (PPM)	0613	1,092.0	166.00	1,016.2	94.184	54.913	20	0.81	4%	0
022.42	Copper, ICP, Open vessel (PPM)	0413	1,110.0	60.000	1,016.2	94.184	54.913	20	1.00	5%	0
022.42	Copper, ICP, Open vessel (PPM)	0035	1,115.0	4.0000	1,016.2	94.184	54.913	20	1.05	5%	0
022.42	Copper, ICP, Open vessel (PPM)	0560	1,154.0	36.000	1,016.2	94.184	54.913	20	1.46	7%	0
022.42	Copper, ICP, Open vessel (PPM)	0202	1,161.8	15.000	1,016.2	94.184	54.913	20	1.55	7%	0
022.42	Copper, ICP, Open vessel (PPM)	0870	1,198.0	166.00	1,016.2	94.184	54.913	20	1.93	9%	0
022.42	Copper, ICP, Open vessel (PPM)	0265	1,090.0	328.00	1,016.2	94.184	54.913	20	0.78	4%	1
022.43	Copper, ICP, Microwave (PPM)	0619	835.00	24.000	989.45	82.211	44.367	11	-1.88	8%	0
022.43	Copper, ICP, Microwave (PPM)	0510	874.50	3.0000	989.45	82.211	44.367	11	-1.40	6%	0
022.43	Copper, ICP, Microwave (PPM)	0675	940.54	13.960	989.45	82.211	44.367	11	-0.59	2%	0
022.43	Copper, ICP, Microwave (PPM)	0294	971.55	43.700	989.45	82.211	44.367	11	-0.22	1%	0
022.43	Copper, ICP, Microwave (PPM)	0169	988.50	143.00	989.45	82.211	44.367	11	-0.01	0%	0
022.43	Copper, ICP, Microwave (PPM)	0508	997.51	19.980	989.45	82.211	44.367	11	0.10	0%	0
022.43	Copper, ICP, Microwave (PPM)	0297	998.50	35.000	989.45	82.211	44.367	11	0.11	0%	0
022.43	Copper, ICP, Microwave (PPM)	0353	1,023.0	8.0000	989.45	82.211	44.367	11	0.41	2%	0
022.43	Copper, ICP, Microwave (PPM)	0121	1,062.6	84.400	989.45	82.211	44.367	11	0.89	4%	0
022.43	Copper, ICP, Microwave (PPM)	0026	1,069.5	29.000	989.45	82.211	44.367	11	0.97	4%	0
022.43	Copper, ICP, Microwave (PPM)	0017	1,087.0	84.000	989.45	82.211	44.367	11	1.19	5%	0
022.52	Copper, ICP-MS, Open vessel (PPM)	0154	797.13	55.473			55.473	1			
022.53	Copper, ICP-MS, Microwave (PPM)	0912	980.00	40.000			40.000	1			
022.99	Copper, Miscellaneous (PPM)	0889	574.00	58.000			58.000	1			
025.31	Iron, AAS, Dry ash (PPM)	0529	0.59000	0.00000	5,818.6	925.00	143.80	16	-6.29	50%	0
025.31	Iron, AAS, Dry ash (PPM)	0908	440.00	4.0000	5,818.6	925.00	143.80	16	-5.81	46%	0
025.31	Iron, AAS, Dry ash (PPM)	0638	2,110.5	291.00	5,818.6	925.00	143.80	16	-4.01	32%	0
025.31	Iron, AAS, Dry ash (PPM)	0670	2,725.5	17.000	5,818.6	925.00	143.80	16	-3.34	27%	0
025.31	Iron, AAS, Dry ash (PPM)	0563	4,190.0	120.00	5,818.6	925.00	143.80	16	-1.76	14%	0
025.31	Iron, AAS, Dry ash (PPM)	0674	5,048.9	36.450	5,818.6	925.00	143.80	16	-0.83	7%	0
025.31	Iron, AAS, Dry ash (PPM)	0175	5,350.0	100.00	5,818.6	925.00	143.80	16	-0.51	4%	0
025.31	Iron, AAS, Dry ash (PPM)	0596	6,212.5	55.000	5,818.6	925.00	143.80	16	0.43	3%	0
025.31	Iron, AAS, Dry ash (PPM)	0208	6,230.0	420.00	5,818.6	925.00	143.80	16	0.44	4%	0
025.31	Iron, AAS, Dry ash (PPM)	0505	6,250.0	100.00	5,818.6	925.00	143.80	16	0.47	4%	0
025.31	Iron, AAS, Dry ash (PPM)	0354	6,308.3	12.710	5,818.6	925.00	143.80	16	0.53	4%	0
025.31	Iron, AAS, Dry ash (PPM)	0653	6,500.5	115.00	5,818.6	925.00	143.80	16	0.74	6%	0

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025.31	Iron, AAS, Dry ash (PPM)	0868	6,588.0	174.00	5,818.6	925.00	143.80	16	0.83	7%	0
025.31	Iron, AAS, Dry ash (PPM)	0689	6,642.0	164.00	5,818.6	925.00	143.80	16	0.89	7%	0
025.31	Iron, AAS, Dry ash (PPM)	0669	6,704.7	294.16	5,818.6	925.00	143.80	16	0.96	8%	0
025.31	Iron, AAS, Dry ash (PPM)	0720	6,961.5	397.50	5,818.6	925.00	143.80	16	1.24	10%	0
025.31	Iron, AAS, Dry ash (PPM)	0305	4,720.5	891.21	5,818.6	925.00	143.80	16	-1.19	9%	1
025.32	Iron, AAS, Open vessel (PPM)	0609	280.53	1.0500	4,904.4	3,103.1	168.61	4	-1.49	47%	0
025.32	Iron, AAS, Open vessel (PPM)	0337	5,942.1	35.400	4,904.4	3,103.1	168.61	4	0.33	11%	0
025.32	Iron, AAS, Open vessel (PPM)	0504	6,674.5	367.00	4,904.4	3,103.1	168.61	4	0.57	18%	0
025.32	Iron, AAS, Open vessel (PPM)	0035	6,720.5	271.00	4,904.4	3,103.1	168.61	4	0.59	19%	0
025.33	Iron, AAS, Microwave (PPM)	0504	6,428.5	503.00			503.00	1			
025.41	Iron, ICP, Dry ash (PPM)	0011	0.63080	0.00740	6,081.3	632.67	114.16	26	-9.61	50%	0
025.41	Iron, ICP, Dry ash (PPM)	0003	3,220.0	108.00	6,081.3	632.67	114.16	26	-4.52	24%	0
025.41	Iron, ICP, Dry ash (PPM)	0598	3,736.5	213.00	6,081.3	632.67	114.16	26	-3.71	19%	0
025.41	Iron, ICP, Dry ash (PPM)	0049	5,284.3	47.840	6,081.3	632.67	114.16	26	-1.26	7%	0
025.41	Iron, ICP, Dry ash (PPM)	0407	5,351.5	99.000	6,081.3	632.67	114.16	26	-1.15	6%	0
025.41	Iron, ICP, Dry ash (PPM)	0550	5,648.6	25.377	6,081.3	632.67	114.16	26	-0.68	4%	0
025.41	Iron, ICP, Dry ash (PPM)	0695	5,718.4	63.170	6,081.3	632.67	114.16	26	-0.57	3%	0
025.41	Iron, ICP, Dry ash (PPM)	0520	5,911.5	553.00	6,081.3	632.67	114.16	26	-0.27	1%	0
025.41	Iron, ICP, Dry ash (PPM)	0074	5,981.0	386.00	6,081.3	632.67	114.16	26	-0.16	1%	0
025.41	Iron, ICP, Dry ash (PPM)	0171	5,990.0	180.00	6,081.3	632.67	114.16	26	-0.14	1%	0
025.41	Iron, ICP, Dry ash (PPM)	0226	6,007.5	115.00	6,081.3	632.67	114.16	26	-0.12	1%	0
025.41	Iron, ICP, Dry ash (PPM)	0610	6,033.0	0.00000	6,081.3	632.67	114.16	26	-0.08	0%	0
025.41	Iron, ICP, Dry ash (PPM)	0029	6,060.0	230.00	6,081.3	632.67	114.16	26	-0.03	0%	0
025.41	Iron, ICP, Dry ash (PPM)	0229	6,069.0	18.000	6,081.3	632.67	114.16	26	-0.02	0%	0
025.41	Iron, ICP, Dry ash (PPM)	0100	6,124.5	3.0000	6,081.3	632.67	114.16	26	0.07	0%	0
025.41	Iron, ICP, Dry ash (PPM)	0004	6,137.0	4.0000	6,081.3	632.67	114.16	26	0.09	0%	0
025.41	Iron, ICP, Dry ash (PPM)	0511	6,261.0	22.000	6,081.3	632.67	114.16	26	0.28	1%	0
025.41	Iron, ICP, Dry ash (PPM)	0148	6,388.0	88.000	6,081.3	632.67	114.16	26	0.48	3%	0
025.41	Iron, ICP, Dry ash (PPM)	0083	6,572.0	320.00	6,081.3	632.67	114.16	26	0.78	4%	0
025.41	Iron, ICP, Dry ash (PPM)	0512	6,573.5	25.000	6,081.3	632.67	114.16	26	0.78	4%	0
025.41	Iron, ICP, Dry ash (PPM)	0350	6,608.0	58.000	6,081.3	632.67	114.16	26	0.83	4%	0
025.41	Iron, ICP, Dry ash (PPM)	0164	6,635.0	34.000	6,081.3	632.67	114.16	26	0.88	5%	0
025.41	Iron, ICP, Dry ash (PPM)	0425	6,716.0	0.00000	6,081.3	632.67	114.16	26	1.00	5%	0
025.41	Iron, ICP, Dry ash (PPM)	0208	6,839.0	272.00	6,081.3	632.67	114.16	26	1.20	6%	0
025.41	Iron, ICP, Dry ash (PPM)	0910	6,839.5	91.000	6,081.3	632.67	114.16	26	1.20	6%	0
025.41	Iron, ICP, Dry ash (PPM)	0682	6,968.6	12.880	6,081.3	632.67	114.16	26	1.40	7%	0
025.41	Iron, ICP, Dry ash (PPM)	0553	6,900.0	960.00	6,081.3	632.67	114.16	26	1.29	7%	1
025.42	Iron, ICP, Open vessel (PPM)	0037	5,442.5	37.000	6,161.8	392.94	179.98	18	-1.83	6%	0
025.42	Iron, ICP, Open vessel (PPM)	0692	5,670.0	60.000	6,161.8	392.94	179.98	18	-1.25	4%	0
025.42	Iron, ICP, Open vessel (PPM)	0366	5,795.0	10.000	6,161.8	392.94	179.98	18	-0.93	3%	0
025.42	Iron, ICP, Open vessel (PPM)	0278	5,803.5	7.0000	6,161.8	392.94	179.98	18	-0.91	3%	0
025.42	Iron, ICP, Open vessel (PPM)	0265	5,909.0	368.00	6,161.8	392.94	179.98	18	-0.64	2%	0

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025.42	Iron, ICP, Open vessel (PPM)	0106	5,925.0	30.000	6,161.8	392.94	179.98	18	-0.60	2%	0
025.42	Iron, ICP, Open vessel (PPM)	0098	6,013.0	182.00	6,161.8	392.94	179.98	18	-0.38	1%	0
025.42	Iron, ICP, Open vessel (PPM)	0045	6,080.0	120.00	6,161.8	392.94	179.98	18	-0.21	1%	0
025.42	Iron, ICP, Open vessel (PPM)	0413	6,110.0	60.000	6,161.8	392.94	179.98	18	-0.13	0%	0
025.42	Iron, ICP, Open vessel (PPM)	0199	6,190.0	0.00000	6,161.8	392.94	179.98	18	0.07	0%	0
025.42	Iron, ICP, Open vessel (PPM)	0915	6,213.5	701.00	6,161.8	392.94	179.98	18	0.13	0%	0
025.42	Iron, ICP, Open vessel (PPM)	0021	6,324.3	321.50	6,161.8	392.94	179.98	18	0.41	1%	0
025.42	Iron, ICP, Open vessel (PPM)	0160	6,355.0	210.00	6,161.8	392.94	179.98	18	0.49	2%	0
025.42	Iron, ICP, Open vessel (PPM)	0613	6,406.5	169.00	6,161.8	392.94	179.98	18	0.62	2%	0
025.42	Iron, ICP, Open vessel (PPM)	0560	6,416.5	281.00	6,161.8	392.94	179.98	18	0.65	2%	0
025.42	Iron, ICP, Open vessel (PPM)	0870	6,697.5	537.00	6,161.8	392.94	179.98	18	1.36	4%	0
025.42	Iron, ICP, Open vessel (PPM)	0035	6,909.5	9.0000	6,161.8	392.94	179.98	18	1.90	6%	0
025.42	Iron, ICP, Open vessel (PPM)	0187	9,181.9	137.20	6,161.8	392.94	179.98	18	7.69	25%	0
025.42	Iron, ICP, Open vessel (PPM)	0168	5,764.0	1,252.0	6,161.8	392.94	179.98	18	-1.01	3%	1
025.43	Iron, ICP, Microwave (PPM)	0510	5,445.0	70.000	6,036.4	227.04	158.29	12	-2.60	5%	0
025.43	Iron, ICP, Microwave (PPM)	0294	5,655.0	150.87	6,036.4	227.04	158.29	12	-1.68	3%	0
025.43	Iron, ICP, Microwave (PPM)	0508	5,846.7	529.90	6,036.4	227.04	158.29	12	-0.84	2%	0
025.43	Iron, ICP, Microwave (PPM)	0353	5,876.5	59.000	6,036.4	227.04	158.29	12	-0.70	1%	0
025.43	Iron, ICP, Microwave (PPM)	0121	6,010.6	650.30	6,036.4	227.04	158.29	12	-0.11	0%	0
025.43	Iron, ICP, Microwave (PPM)	0619	6,016.0	26.000	6,036.4	227.04	158.29	12	-0.09	0%	0
025.43	Iron, ICP, Microwave (PPM)	0297	6,115.5	1.0000	6,036.4	227.04	158.29	12	0.35	1%	0
025.43	Iron, ICP, Microwave (PPM)	0675	6,135.3	29.390	6,036.4	227.04	158.29	12	0.44	1%	0
025.43	Iron, ICP, Microwave (PPM)	0169	6,150.0	60.000	6,036.4	227.04	158.29	12	0.50	1%	0
025.43	Iron, ICP, Microwave (PPM)	0042	6,176.5	17.000	6,036.4	227.04	158.29	12	0.62	1%	0
025.43	Iron, ICP, Microwave (PPM)	0026	6,244.0	132.00	6,036.4	227.04	158.29	12	0.91	2%	0
025.43	Iron, ICP, Microwave (PPM)	0017	6,395.0	174.00	6,036.4	227.04	158.29	12	1.58	3%	0
025.52	Iron, ICP-MS, Open vessel (PPM)	0154	5,245.2	345.10			345.10	1			
025.53	Iron, ICP-MS, Microwave (PPM)	0912	5,850.0	100.00			100.00	1			
025.99	Iron, Miscellaneous (PPM)	0889	4,212.0	162.00			162.00	1			
026.31	Lead, AAS, Dry ash (PPM)	0689	5.8500	0.70000	16.225	14.672	0.55000	2	-0.71	32%	0
026.31	Lead, AAS, Dry ash (PPM)	0908	26.600	0.40000	16.225	14.672	0.55000	2	0.71	32%	0
026.41	Lead, ICP, Dry ash (PPM)	0011	1.4873	0.36050			0.36050	1			
026.42	Lead, ICP, Open vessel (PPM)	0021	7.6730	0.76000			0.76000	1			
026.52	Lead, ICP-MS, Open vessel (PPM)	0154	1.7745	0.15500			0.15500	1			
026.53	Lead, ICP-MS, Microwave (PPM)	0912	1.7800	0.02000			0.02000	1			
027.31	Magnesium, AAS, Dry ash (PCT)	0650	0.75000	0.01000	18.115	1.3630	0.29364	22	-12.74	48%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0001	15.820	0.22000	18.115	1.3630	0.29364	22	-1.68	6%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0142	16.150	0.10000	18.115	1.3630	0.29364	22	-1.44	5%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0596	16.200	0.20000	18.115	1.3630	0.29364	22	-1.40	5%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0868	17.110	0.02000	18.115	1.3630	0.29364	22	-0.74	3%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0638	17.250	0.00000	18.115	1.3630	0.29364	22	-0.63	2%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0305	17.350	0.76000	18.115	1.3630	0.29364	22	-0.56	2%	0

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027.31	Magnesium, AAS, Dry ash (PCT)	0563	17.520	0.36000	18.115	1.3630	0.29364	22	-0.44	2%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0354	17.525	0.25000	18.115	1.3630	0.29364	22	-0.43	2%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0669	18.015	0.67000	18.115	1.3630	0.29364	22	-0.07	0%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0175	18.300	0.20000	18.115	1.3630	0.29364	22	0.14	1%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0674	18.305	0.01000	18.115	1.3630	0.29364	22	0.14	1%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0208	18.370	0.76000	18.115	1.3630	0.29364	22	0.19	1%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0529	18.475	0.39000	18.115	1.3630	0.29364	22	0.26	1%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0505	18.500	0.20000	18.115	1.3630	0.29364	22	0.28	1%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0905	18.900	0.20000	18.115	1.3630	0.29364	22	0.58	2%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0689	18.950	0.10000	18.115	1.3630	0.29364	22	0.61	2%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0590	19.000	0.44000	18.115	1.3630	0.29364	22	0.65	2%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0653	19.400	0.36000	18.115	1.3630	0.29364	22	0.94	4%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0014	19.800	0.00000	18.115	1.3630	0.29364	22	1.24	5%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0178	20.105	0.85000	18.115	1.3630	0.29364	22	1.46	5%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0536	29.570	0.36000	18.115	1.3630	0.29364	22	8.40	32%	0
027.31	Magnesium, AAS, Dry ash (PCT)	0720	26.485	3.8500	18.115	1.3630	0.29364	22	6.14	23%	1
027.32	Magnesium, AAS, Open vessel (PCT)	0609	16.960	0.14000	18.055	0.61659	0.16228	9	-1.78	3%	0
027.32	Magnesium, AAS, Open vessel (PCT)	0169	17.190	0.22000	18.055	0.61659	0.16228	9	-1.40	2%	0
027.32	Magnesium, AAS, Open vessel (PCT)	0010	17.775	0.13000	18.055	0.61659	0.16228	9	-0.45	1%	0
027.32	Magnesium, AAS, Open vessel (PCT)	0612	17.950	0.10000	18.055	0.61659	0.16228	9	-0.17	0%	0
027.32	Magnesium, AAS, Open vessel (PCT)	0263	18.035	0.01260	18.055	0.61659	0.16228	9	-0.03	0%	0
027.32	Magnesium, AAS, Open vessel (PCT)	0036	18.306	0.12790	18.055	0.61659	0.16228	9	0.41	1%	0
027.32	Magnesium, AAS, Open vessel (PCT)	0035	18.370	0.00000	18.055	0.61659	0.16228	9	0.51	1%	0
027.32	Magnesium, AAS, Open vessel (PCT)	0013	18.700	0.20000	18.055	0.61659	0.16228	9	1.05	2%	0
027.32	Magnesium, AAS, Open vessel (PCT)	0504	19.405	0.53000	18.055	0.61659	0.16228	9	2.19	4%	0
027.33	Magnesium, AAS, Microwave (PCT)	0679	6.1900	0.04000	14.345	7.1318	0.13667	3	-1.14	28%	0
027.33	Magnesium, AAS, Microwave (PCT)	0033	17.430	0.02000	14.345	7.1318	0.13667	3	0.43	11%	0
027.33	Magnesium, AAS, Microwave (PCT)	0504	19.415	0.35000	14.345	7.1318	0.13667	3	0.71	18%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0550	2.7830	0.02200	18.459	1.1751	0.30390	30	-13.34	42%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0598	6.1885	0.17900	18.459	1.1751	0.30390	30	-10.44	33%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0003	7.6800	0.16000	18.459	1.1751	0.30390	30	-9.17	29%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0049	15.970	0.08000	18.459	1.1751	0.30390	30	-2.12	7%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0100	16.445	0.41000	18.459	1.1751	0.30390	30	-1.71	5%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0848	17.370	0.00000	18.459	1.1751	0.30390	30	-0.93	3%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0229	17.675	0.09000	18.459	1.1751	0.30390	30	-0.67	2%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0511	17.815	0.09000	18.459	1.1751	0.30390	30	-0.55	2%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0208	17.990	1.6400	18.459	1.1751	0.30390	30	-0.40	1%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0148	18.025	0.11000	18.459	1.1751	0.30390	30	-0.37	1%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0164	18.290	0.08000	18.459	1.1751	0.30390	30	-0.14	0%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0019	18.320	0.86000	18.459	1.1751	0.30390	30	-0.12	0%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0004	18.361	0.05800	18.459	1.1751	0.30390	30	-0.08	0%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0512	18.395	0.27000	18.459	1.1751	0.30390	30	-0.05	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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027.41	Magnesium, ICP, Dry ash (PCT)	0011	18.404	0.37500	18.459	1.1751	0.30390	30	-0.05	0%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0008	18.445	0.19000	18.459	1.1751	0.30390	30	-0.01	0%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0350	18.655	0.19000	18.459	1.1751	0.30390	30	0.17	1%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0358	18.840	0.64000	18.459	1.1751	0.30390	30	0.32	1%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0610	19.073	0.00000	18.459	1.1751	0.30390	30	0.52	2%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0029	19.165	0.16300	18.459	1.1751	0.30390	30	0.60	2%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0910	19.180	0.32000	18.459	1.1751	0.30390	30	0.61	2%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0226	19.190	0.06000	18.459	1.1751	0.30390	30	0.62	2%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0520	19.305	0.07000	18.459	1.1751	0.30390	30	0.72	2%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0171	19.350	0.30000	18.459	1.1751	0.30390	30	0.76	2%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0695	19.400	0.72000	18.459	1.1751	0.30390	30	0.80	3%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0407	19.485	0.05000	18.459	1.1751	0.30390	30	0.87	3%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0074	19.500	0.08000	18.459	1.1751	0.30390	30	0.89	3%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0682	19.650	1.2000	18.459	1.1751	0.30390	30	1.01	3%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0425	20.425	0.01000	18.459	1.1751	0.30390	30	1.67	5%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0083	20.650	0.70000	18.459	1.1751	0.30390	30	1.86	6%	0
027.41	Magnesium, ICP, Dry ash (PCT)	0553	20.150	2.3000	18.459	1.1751	0.30390	30	1.44	5%	1
027.42	Magnesium, ICP, Open vessel (PCT)	0870	11.300	0.72000	18.398	1.7521	0.55750	22	-4.05	19%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0037	13.800	0.26000	18.398	1.7521	0.55750	22	-2.62	12%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0278	15.950	1.4000	18.398	1.7521	0.55750	22	-1.40	7%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0692	16.000	1.2000	18.398	1.7521	0.55750	22	-1.37	7%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0357	16.525	0.03000	18.398	1.7521	0.55750	22	-1.07	5%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0187	17.460	0.02000	18.398	1.7521	0.55750	22	-0.54	3%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0106	17.500	0.20000	18.398	1.7521	0.55750	22	-0.51	2%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0098	17.650	0.30000	18.398	1.7521	0.55750	22	-0.43	2%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0199	17.880	0.00000	18.398	1.7521	0.55750	22	-0.30	1%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0035	18.400	0.00000	18.398	1.7521	0.55750	22	0.00	0%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0021	18.415	1.1500	18.398	1.7521	0.55750	22	0.01	0%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0160	18.650	0.70000	18.398	1.7521	0.55750	22	0.14	1%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0045	18.700	0.60000	18.398	1.7521	0.55750	22	0.17	1%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0366	18.700	0.80000	18.398	1.7521	0.55750	22	0.17	1%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0413	19.150	0.10000	18.398	1.7521	0.55750	22	0.43	2%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0560	19.263	0.56510	18.398	1.7521	0.55750	22	0.49	2%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0202	19.445	0.25000	18.398	1.7521	0.55750	22	0.60	3%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0726	19.860	0.38000	18.398	1.7521	0.55750	22	0.83	4%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0190	19.995	0.03000	18.398	1.7521	0.55750	22	0.91	4%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0168	20.640	0.76000	18.398	1.7521	0.55750	22	1.28	6%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0613	20.905	0.35000	18.398	1.7521	0.55750	22	1.43	7%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0915	22.225	2.4500	18.398	1.7521	0.55750	22	2.18	10%	0
027.42	Magnesium, ICP, Open vessel (PCT)	0265	15.440	3.2800	18.398	1.7521	0.55750	22	-1.69	8%	1
027.43	Magnesium, ICP, Microwave (PCT)	0510	17.260	0.00000	18.483	0.74573	0.31724	13	-1.64	3%	0
027.43	Magnesium, ICP, Microwave (PCT)	0121	17.817	0.33500	18.483	0.74573	0.31724	13	-0.89	2%	0

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027.43	Magnesium, ICP, Microwave (PCT)	0042	18.000	0.40000	18.483	0.74573	0.31724	13	-0.65	1%	0
027.43	Magnesium, ICP, Microwave (PCT)	0675	18.060	0.02000	18.483	0.74573	0.31724	13	-0.57	1%	0
027.43	Magnesium, ICP, Microwave (PCT)	0297	18.085	0.19000	18.483	0.74573	0.31724	13	-0.53	1%	0
027.43	Magnesium, ICP, Microwave (PCT)	0619	18.100	0.00000	18.483	0.74573	0.31724	13	-0.51	1%	0
027.43	Magnesium, ICP, Microwave (PCT)	0026	18.240	0.20000	18.483	0.74573	0.31724	13	-0.33	1%	0
027.43	Magnesium, ICP, Microwave (PCT)	0027	18.741	0.24500	18.483	0.74573	0.31724	13	0.35	1%	0
027.43	Magnesium, ICP, Microwave (PCT)	0508	18.770	0.43410	18.483	0.74573	0.31724	13	0.39	1%	0
027.43	Magnesium, ICP, Microwave (PCT)	0017	19.070	0.84000	18.483	0.74573	0.31724	13	0.79	2%	0
027.43	Magnesium, ICP, Microwave (PCT)	0914	19.325	0.35000	18.483	0.74573	0.31724	13	1.13	2%	0
027.43	Magnesium, ICP, Microwave (PCT)	0353	19.480	0.50000	18.483	0.74573	0.31724	13	1.34	3%	0
027.43	Magnesium, ICP, Microwave (PCT)	0294	20.155	0.61000	18.483	0.74573	0.31724	13	2.24	5%	0
027.43	Magnesium, ICP, Microwave (PCT)	0047	17.900	1.6000	18.483	0.74573	0.31724	13	-0.78	2%	1
027.53	Magnesium, ICP-MS, Microwave (PCT)	0039	17.141	0.01400	17.881	1.0458	0.09700	2	-0.71	2%	0
027.53	Magnesium, ICP-MS, Microwave (PCT)	0912	18.620	0.18000	17.881	1.0458	0.09700	2	0.71	2%	0
027.99	Magnesium, Miscellaneous (PCT)	0889	15.875	0.29000	16.863	1.3965	0.19500	2	-0.71	3%	0
027.99	Magnesium, Miscellaneous (PCT)	0673	17.850	0.10000	16.863	1.3965	0.19500	2	0.71	3%	0
028.31	Manganese, AAS, Dry ash (PPM)	0529	0.32000	0.00000	3,136.8	251.85	71.433	18	-12.45	50%	0
028.31	Manganese, AAS, Dry ash (PPM)	0305	2,358.6	146.96	3,136.8	251.85	71.433	18	-3.09	12%	0
028.31	Manganese, AAS, Dry ash (PPM)	0908	2,430.0	20.000	3,136.8	251.85	71.433	18	-2.81	11%	0
028.31	Manganese, AAS, Dry ash (PPM)	0868	2,758.5	11.000	3,136.8	251.85	71.433	18	-1.50	6%	0
028.31	Manganese, AAS, Dry ash (PPM)	0638	2,825.0	200.00	3,136.8	251.85	71.433	18	-1.24	5%	0
028.31	Manganese, AAS, Dry ash (PPM)	0536	2,891.0	27.750	3,136.8	251.85	71.433	18	-0.98	4%	0
028.31	Manganese, AAS, Dry ash (PPM)	0175	3,100.0	200.00	3,136.8	251.85	71.433	18	-0.15	1%	0
028.31	Manganese, AAS, Dry ash (PPM)	0563	3,197.5	13.000	3,136.8	251.85	71.433	18	0.24	1%	0
028.31	Manganese, AAS, Dry ash (PPM)	0669	3,202.3	85.970	3,136.8	251.85	71.433	18	0.26	1%	0
028.31	Manganese, AAS, Dry ash (PPM)	0354	3,214.6	1.1700	3,136.8	251.85	71.433	18	0.31	1%	0
028.31	Manganese, AAS, Dry ash (PPM)	0596	3,228.5	23.000	3,136.8	251.85	71.433	18	0.36	1%	0
028.31	Manganese, AAS, Dry ash (PPM)	0689	3,228.7	45.300	3,136.8	251.85	71.433	18	0.36	1%	0
028.31	Manganese, AAS, Dry ash (PPM)	0178	3,259.5	133.00	3,136.8	251.85	71.433	18	0.49	2%	0
028.31	Manganese, AAS, Dry ash (PPM)	0505	3,330.0	60.000	3,136.8	251.85	71.433	18	0.77	3%	0
028.31	Manganese, AAS, Dry ash (PPM)	0674	3,362.7	8.6500	3,136.8	251.85	71.433	18	0.90	4%	0
028.31	Manganese, AAS, Dry ash (PPM)	0208	3,380.0	60.000	3,136.8	251.85	71.433	18	0.97	4%	0
028.31	Manganese, AAS, Dry ash (PPM)	0590	3,393.0	208.00	3,136.8	251.85	71.433	18	1.02	4%	0
028.31	Manganese, AAS, Dry ash (PPM)	0653	3,445.0	42.000	3,136.8	251.85	71.433	18	1.22	5%	0
028.31	Manganese, AAS, Dry ash (PPM)	0720	3,890.9	994.08	3,136.8	251.85	71.433	18	2.99	12%	1
028.32	Manganese, AAS, Open vessel (PPM)	0609	371.91	0.42000	2,502.5	1,427.1	4.5133	4	-1.49	43%	0
028.32	Manganese, AAS, Open vessel (PPM)	0722	3,020.3	7.6333	2,502.5	1,427.1	4.5133	4	0.36	10%	0
028.32	Manganese, AAS, Open vessel (PPM)	0035	3,286.0	2.0000	2,502.5	1,427.1	4.5133	4	0.55	16%	0
028.32	Manganese, AAS, Open vessel (PPM)	0504	3,332.0	8.0000	2,502.5	1,427.1	4.5133	4	0.58	17%	0
028.33	Manganese, AAS, Microwave (PPM)	0504	3,284.0	46.000			46.000	1			
028.41	Manganese, ICP, Dry ash (PPM)	0425	0.34000	0.00000	3,168.2	237.86	67.396	28	-13.32	50%	0
028.41	Manganese, ICP, Dry ash (PPM)	0011	18.404	0.37500	3,168.2	237.86	67.396	28	-13.24	50%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
028.41	Manganese, ICP, Dry ash (PPM)	0598	2,283.0	236.00	3,168.2	237.86	67.396	28	-3.72	14%	0
028.41	Manganese, ICP, Dry ash (PPM)	0049	2,686.7	39.180	3,168.2	237.86	67.396	28	-2.02	8%	0
028.41	Manganese, ICP, Dry ash (PPM)	0520	2,842.5	13.000	3,168.2	237.86	67.396	28	-1.37	5%	0
028.41	Manganese, ICP, Dry ash (PPM)	0171	2,975.0	50.000	3,168.2	237.86	67.396	28	-0.81	3%	0
028.41	Manganese, ICP, Dry ash (PPM)	0003	3,012.0	98.000	3,168.2	237.86	67.396	28	-0.66	2%	0
028.41	Manganese, ICP, Dry ash (PPM)	0358	3,073.7	95.500	3,168.2	237.86	67.396	28	-0.40	1%	0
028.41	Manganese, ICP, Dry ash (PPM)	0074	3,113.5	11.000	3,168.2	237.86	67.396	28	-0.23	1%	0
028.41	Manganese, ICP, Dry ash (PPM)	0083	3,127.5	93.000	3,168.2	237.86	67.396	28	-0.17	1%	0
028.41	Manganese, ICP, Dry ash (PPM)	0100	3,136.5	15.000	3,168.2	237.86	67.396	28	-0.13	1%	0
028.41	Manganese, ICP, Dry ash (PPM)	0550	3,147.3	6.1150	3,168.2	237.86	67.396	28	-0.09	0%	0
028.41	Manganese, ICP, Dry ash (PPM)	0350	3,155.5	55.000	3,168.2	237.86	67.396	28	-0.05	0%	0
028.41	Manganese, ICP, Dry ash (PPM)	0407	3,158.0	14.000	3,168.2	237.86	67.396	28	-0.04	0%	0
028.41	Manganese, ICP, Dry ash (PPM)	0511	3,178.5	27.000	3,168.2	237.86	67.396	28	0.04	0%	0
028.41	Manganese, ICP, Dry ash (PPM)	0029	3,184.0	66.000	3,168.2	237.86	67.396	28	0.07	0%	0
028.41	Manganese, ICP, Dry ash (PPM)	0208	3,231.0	246.00	3,168.2	237.86	67.396	28	0.26	1%	0
028.41	Manganese, ICP, Dry ash (PPM)	0004	3,251.5	11.000	3,168.2	237.86	67.396	28	0.35	1%	0
028.41	Manganese, ICP, Dry ash (PPM)	0148	3,272.0	14.000	3,168.2	237.86	67.396	28	0.44	2%	0
028.41	Manganese, ICP, Dry ash (PPM)	0695	3,309.0	59.280	3,168.2	237.86	67.396	28	0.59	2%	0
028.41	Manganese, ICP, Dry ash (PPM)	0229	3,320.5	15.000	3,168.2	237.86	67.396	28	0.64	2%	0
028.41	Manganese, ICP, Dry ash (PPM)	0610	3,327.0	0.00000	3,168.2	237.86	67.396	28	0.67	3%	0
028.41	Manganese, ICP, Dry ash (PPM)	0226	3,348.0	62.000	3,168.2	237.86	67.396	28	0.76	3%	0
028.41	Manganese, ICP, Dry ash (PPM)	0512	3,370.5	77.000	3,168.2	237.86	67.396	28	0.85	3%	0
028.41	Manganese, ICP, Dry ash (PPM)	0164	3,405.0	50.000	3,168.2	237.86	67.396	28	1.00	4%	0
028.41	Manganese, ICP, Dry ash (PPM)	0910	3,449.5	59.000	3,168.2	237.86	67.396	28	1.18	4%	0
028.41	Manganese, ICP, Dry ash (PPM)	0682	3,511.0	184.65	3,168.2	237.86	67.396	28	1.44	5%	0
028.41	Manganese, ICP, Dry ash (PPM)	0553	3,545.0	290.00	3,168.2	237.86	67.396	28	1.58	6%	0
028.42	Manganese, ICP, Open vessel (PPM)	0168	2,726.0	68.000	3,150.7	204.82	67.711	19	-2.07	7%	0
028.42	Manganese, ICP, Open vessel (PPM)	0357	2,869.0	30.000	3,150.7	204.82	67.711	19	-1.38	4%	0
028.42	Manganese, ICP, Open vessel (PPM)	0037	2,886.0	10.000	3,150.7	204.82	67.711	19	-1.29	4%	0
028.42	Manganese, ICP, Open vessel (PPM)	0915	2,887.5	395.00	3,150.7	204.82	67.711	19	-1.29	4%	0
028.42	Manganese, ICP, Open vessel (PPM)	0187	3,013.7	19.110	3,150.7	204.82	67.711	19	-0.67	2%	0
028.42	Manganese, ICP, Open vessel (PPM)	0692	3,045.0	130.00	3,150.7	204.82	67.711	19	-0.52	2%	0
028.42	Manganese, ICP, Open vessel (PPM)	0278	3,045.5	3.0000	3,150.7	204.82	67.711	19	-0.51	2%	0
028.42	Manganese, ICP, Open vessel (PPM)	0265	3,141.0	28.000	3,150.7	204.82	67.711	19	-0.05	0%	0
028.42	Manganese, ICP, Open vessel (PPM)	0613	3,167.0	110.00	3,150.7	204.82	67.711	19	0.08	0%	0
028.42	Manganese, ICP, Open vessel (PPM)	0098	3,182.5	43.000	3,150.7	204.82	67.711	19	0.16	1%	0
028.42	Manganese, ICP, Open vessel (PPM)	0035	3,224.5	9.0000	3,150.7	204.82	67.711	19	0.36	1%	0
028.42	Manganese, ICP, Open vessel (PPM)	0106	3,235.0	10.000	3,150.7	204.82	67.711	19	0.41	1%	0
028.42	Manganese, ICP, Open vessel (PPM)	0366	3,240.0	0.00000	3,150.7	204.82	67.711	19	0.44	1%	0
028.42	Manganese, ICP, Open vessel (PPM)	0160	3,277.5	65.000	3,150.7	204.82	67.711	19	0.62	2%	0
028.42	Manganese, ICP, Open vessel (PPM)	0021	3,315.5	61.000	3,150.7	204.82	67.711	19	0.80	3%	0
028.42	Manganese, ICP, Open vessel (PPM)	0202	3,327.7	41.400	3,150.7	204.82	67.711	19	0.86	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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028.42	Manganese, ICP, Open vessel (PPM)	0413	3,330.0	80.000	3,150.7	204.82	67.711	19	0.88	3%	0
028.42	Manganese, ICP, Open vessel (PPM)	0560	3,334.0	154.00	3,150.7	204.82	67.711	19	0.89	3%	0
028.42	Manganese, ICP, Open vessel (PPM)	0045	3,545.0	30.000	3,150.7	204.82	67.711	19	1.93	6%	0
028.42	Manganese, ICP, Open vessel (PPM)	0870	3,565.0	442.00	3,150.7	204.82	67.711	19	2.02	7%	1
028.43	Manganese, ICP, Microwave (PPM)	0619	2,441.5	99.000	3,106.6	214.31	61.195	11	-3.10	11%	0
028.43	Manganese, ICP, Microwave (PPM)	0510	2,670.0	40.000	3,106.6	214.31	61.195	11	-2.04	7%	0
028.43	Manganese, ICP, Microwave (PPM)	0508	2,805.7	128.80	3,106.6	214.31	61.195	11	-1.40	5%	0
028.43	Manganese, ICP, Microwave (PPM)	0353	3,015.5	7.0000	3,106.6	214.31	61.195	11	-0.43	1%	0
028.43	Manganese, ICP, Microwave (PPM)	0042	3,102.5	95.000	3,106.6	214.31	61.195	11	-0.02	0%	0
028.43	Manganese, ICP, Microwave (PPM)	0297	3,134.0	22.000	3,106.6	214.31	61.195	11	0.13	0%	0
028.43	Manganese, ICP, Microwave (PPM)	0169	3,135.0	90.000	3,106.6	214.31	61.195	11	0.13	0%	0
028.43	Manganese, ICP, Microwave (PPM)	0026	3,149.5	95.000	3,106.6	214.31	61.195	11	0.20	1%	0
028.43	Manganese, ICP, Microwave (PPM)	0675	3,251.8	11.390	3,106.6	214.31	61.195	11	0.68	2%	0
028.43	Manganese, ICP, Microwave (PPM)	0017	3,375.5	69.000	3,106.6	214.31	61.195	11	1.25	4%	0
028.43	Manganese, ICP, Microwave (PPM)	0294	3,412.0	15.960	3,106.6	214.31	61.195	11	1.42	5%	0
028.52	Manganese, ICP-MS, Open vessel (PPM)	0154	2,541.5	106.79			106.79	1			
028.53	Manganese, ICP-MS, Microwave (PPM)	0912	3,250.0	300.00			300.00	1			
028.99	Manganese, Miscellaneous (PPM)	0673	3,050.0	100.00			100.00	1			
029.99	Mercury, Miscellaneous (PPM)	0154	0.10350	0.00700			0.00700	1			
031.00	Phosphorus, Vol (PCT)	0849	0.15000	0.00000	3.4618	2.8689	0.13590	3	-1.15	48%	0
031.00	Phosphorus, Vol (PCT)	0683	5.0500	0.08000	3.4618	2.8689	0.13590	3	0.55	23%	0
031.00	Phosphorus, Vol (PCT)	0623	5.1854	0.32770	3.4618	2.8689	0.13590	3	0.60	25%	0
031.01	Phosphorus, Photometric (PCT)	0871	1.8100	0.02000	4.8919	0.32862	0.05636	47	-9.38	32%	0
031.01	Phosphorus, Photometric (PCT)	0620	2.3041	0.12310	4.8919	0.32862	0.05636	47	-7.88	26%	0
031.01	Phosphorus, Photometric (PCT)	0651	2.3570	0.20400	4.8919	0.32862	0.05636	47	-7.71	26%	0
031.01	Phosphorus, Photometric (PCT)	0108	2.7900	0.20000	4.8919	0.32862	0.05636	47	-6.40	21%	0
031.01	Phosphorus, Photometric (PCT)	0903	3.6700	0.04000	4.8919	0.32862	0.05636	47	-3.72	12%	0
031.01	Phosphorus, Photometric (PCT)	0895	3.7700	0.04000	4.8919	0.32862	0.05636	47	-3.41	11%	0
031.01	Phosphorus, Photometric (PCT)	0900	3.7850	0.07000	4.8919	0.32862	0.05636	47	-3.37	11%	0
031.01	Phosphorus, Photometric (PCT)	0892	3.7875	0.00500	4.8919	0.32862	0.05636	47	-3.36	11%	0
031.01	Phosphorus, Photometric (PCT)	0894	3.9600	0.12000	4.8919	0.32862	0.05636	47	-2.84	10%	0
031.01	Phosphorus, Photometric (PCT)	0901	4.0050	0.01000	4.8919	0.32862	0.05636	47	-2.70	9%	0
031.01	Phosphorus, Photometric (PCT)	0596	4.1000	0.00000	4.8919	0.32862	0.05636	47	-2.41	8%	0
031.01	Phosphorus, Photometric (PCT)	0529	4.4200	0.06000	4.8919	0.32862	0.05636	47	-1.44	5%	0
031.01	Phosphorus, Photometric (PCT)	0609	4.5700	0.08000	4.8919	0.32862	0.05636	47	-0.98	3%	0
031.01	Phosphorus, Photometric (PCT)	0563	4.7150	0.15000	4.8919	0.32862	0.05636	47	-0.54	2%	0
031.01	Phosphorus, Photometric (PCT)	0622	4.7411	0.00310	4.8919	0.32862	0.05636	47	-0.46	2%	0
031.01	Phosphorus, Photometric (PCT)	0905	4.7450	0.03000	4.8919	0.32862	0.05636	47	-0.45	2%	0
031.01	Phosphorus, Photometric (PCT)	0337	4.7500	0.02000	4.8919	0.32862	0.05636	47	-0.43	1%	0
031.01	Phosphorus, Photometric (PCT)	0891	4.7570	0.00600	4.8919	0.32862	0.05636	47	-0.41	1%	0
031.01	Phosphorus, Photometric (PCT)	0898	4.8650	0.03000	4.8919	0.32862	0.05636	47	-0.08	0%	0
031.01	Phosphorus, Photometric (PCT)	0142	4.9000	0.00000	4.8919	0.32862	0.05636	47	0.02	0%	0

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031.01	Phosphorus, Photometric (PCT)	0650	4.9050	0.11000	4.8919	0.32862	0.05636	47	0.04	0%	0
031.01	Phosphorus, Photometric (PCT)	0716	4.9050	0.07000	4.8919	0.32862	0.05636	47	0.04	0%	0
031.01	Phosphorus, Photometric (PCT)	0670	4.9650	0.01000	4.8919	0.32862	0.05636	47	0.22	1%	0
031.01	Phosphorus, Photometric (PCT)	0354	4.9700	0.02000	4.8919	0.32862	0.05636	47	0.24	1%	0
031.01	Phosphorus, Photometric (PCT)	0175	4.9750	0.09000	4.8919	0.32862	0.05636	47	0.25	1%	0
031.01	Phosphorus, Photometric (PCT)	0689	5.0250	0.03000	4.8919	0.32862	0.05636	47	0.40	1%	0
031.01	Phosphorus, Photometric (PCT)	0653	5.0300	0.08400	4.8919	0.32862	0.05636	47	0.42	1%	0
031.01	Phosphorus, Photometric (PCT)	0868	5.0450	0.05000	4.8919	0.32862	0.05636	47	0.47	2%	0
031.01	Phosphorus, Photometric (PCT)	0035	5.0500	0.06000	4.8919	0.32862	0.05636	47	0.48	2%	0
031.01	Phosphorus, Photometric (PCT)	0679	5.0500	0.00000	4.8919	0.32862	0.05636	47	0.48	2%	0
031.01	Phosphorus, Photometric (PCT)	0039	5.0641	0.00190	4.8919	0.32862	0.05636	47	0.52	2%	0
031.01	Phosphorus, Photometric (PCT)	0893	5.0650	0.01000	4.8919	0.32862	0.05636	47	0.53	2%	0
031.01	Phosphorus, Photometric (PCT)	0036	5.0765	0.01060	4.8919	0.32862	0.05636	47	0.56	2%	0
031.01	Phosphorus, Photometric (PCT)	0263	5.0804	0.00140	4.8919	0.32862	0.05636	47	0.57	2%	0
031.01	Phosphorus, Photometric (PCT)	0723	5.0850	0.01000	4.8919	0.32862	0.05636	47	0.59	2%	0
031.01	Phosphorus, Photometric (PCT)	0152	5.0900	0.02000	4.8919	0.32862	0.05636	47	0.60	2%	0
031.01	Phosphorus, Photometric (PCT)	0885	5.1250	0.05000	4.8919	0.32862	0.05636	47	0.71	2%	0
031.01	Phosphorus, Photometric (PCT)	0026	5.1300	0.04000	4.8919	0.32862	0.05636	47	0.72	2%	0
031.01	Phosphorus, Photometric (PCT)	0887	5.1350	0.01000	4.8919	0.32862	0.05636	47	0.74	2%	0
031.01	Phosphorus, Photometric (PCT)	0674	5.1500	0.04000	4.8919	0.32862	0.05636	47	0.79	3%	0
031.01	Phosphorus, Photometric (PCT)	0001	5.1850	0.11000	4.8919	0.32862	0.05636	47	0.89	3%	0
031.01	Phosphorus, Photometric (PCT)	0669	5.2790	0.06800	4.8919	0.32862	0.05636	47	1.18	4%	0
031.01	Phosphorus, Photometric (PCT)	0897	5.2900	0.08000	4.8919	0.32862	0.05636	47	1.21	4%	0
031.01	Phosphorus, Photometric (PCT)	0208	5.2950	0.07000	4.8919	0.32862	0.05636	47	1.23	4%	0
031.01	Phosphorus, Photometric (PCT)	0511	5.2950	0.07000	4.8919	0.32862	0.05636	47	1.23	4%	0
031.01	Phosphorus, Photometric (PCT)	0178	5.3270	0.15200	4.8919	0.32862	0.05636	47	1.32	4%	0
031.01	Phosphorus, Photometric (PCT)	0305	5.9150	0.17000	4.8919	0.32862	0.05636	47	3.11	10%	0
031.01	Phosphorus, Photometric (PCT)	0638	5.2950	0.37000	4.8919	0.32862	0.05636	47	1.23	4%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (P	0011	5.0552	0.02420	5.0901	0.04936	0.02710	2	-0.71	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (P	0505	5.1250	0.03000	5.0901	0.04936	0.02710	2	0.71	0%	0
031.03	Phosphorus, Autoanalyzer (PCT)	0047	4.1500	0.10000	5.1018	0.15226	0.07266	7	-6.25	9%	0
031.03	Phosphorus, Autoanalyzer (PCT)	0720	4.3800	0.04000	5.1018	0.15226	0.07266	7	-4.74	7%	0
031.03	Phosphorus, Autoanalyzer (PCT)	0033	5.0500	0.23000	5.1018	0.15226	0.07266	7	-0.34	1%	0
031.03	Phosphorus, Autoanalyzer (PCT)	0026	5.1350	0.03000	5.1018	0.15226	0.07266	7	0.22	0%	0
031.03	Phosphorus, Autoanalyzer (PCT)	0504	5.1400	0.02600	5.1018	0.15226	0.07266	7	0.25	0%	0
031.03	Phosphorus, Autoanalyzer (PCT)	0036	5.1719	0.01260	5.1018	0.15226	0.07266	7	0.46	1%	0
031.03	Phosphorus, Autoanalyzer (PCT)	0169	5.4650	0.07000	5.1018	0.15226	0.07266	7	2.39	4%	0
031.06	Phosphorus, Hach Method (PCT)	0138	4.0900	0.06000	4.5325	0.62579	0.03500	2	-0.71	5%	0
031.06	Phosphorus, Hach Method (PCT)	0536	4.9750	0.01000	4.5325	0.62579	0.03500	2	0.71	5%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0358	3.3400	0.28000	5.0246	0.32209	0.07733	31	-5.23	17%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0049	3.6900	0.08000	5.0246	0.32209	0.07733	31	-4.14	13%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0598	4.0260	0.10800	5.0246	0.32209	0.07733	31	-3.10	10%	0

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031.41	Phosphorus, ICP, Dry ash (PCT)	0848	4.1600	0.02000	5.0246	0.32209	0.07733	31	-2.68	9%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0144	4.2800	0.10000	5.0246	0.32209	0.07733	31	-2.31	7%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0089	4.4550	0.01000	5.0246	0.32209	0.07733	31	-1.77	6%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0910	4.8300	0.04000	5.0246	0.32209	0.07733	31	-0.60	2%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0695	4.8450	0.07000	5.0246	0.32209	0.07733	31	-0.56	2%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0550	4.8615	0.00700	5.0246	0.32209	0.07733	31	-0.51	2%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0100	4.8700	0.12000	5.0246	0.32209	0.07733	31	-0.48	2%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0520	4.9000	0.20000	5.0246	0.32209	0.07733	31	-0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0008	4.9050	0.07690	5.0246	0.32209	0.07733	31	-0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0019	4.9900	0.16000	5.0246	0.32209	0.07733	31	-0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0148	4.9950	0.03000	5.0246	0.32209	0.07733	31	-0.09	0%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0171	5.0150	0.03000	5.0246	0.32209	0.07733	31	-0.03	0%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0425	5.0250	0.01000	5.0246	0.32209	0.07733	31	0.00	0%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0229	5.0700	0.02000	5.0246	0.32209	0.07733	31	0.14	0%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0610	5.0725	0.06700	5.0246	0.32209	0.07733	31	0.15	0%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0029	5.1137	0.09400	5.0246	0.32209	0.07733	31	0.28	1%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0004	5.1180	0.00400	5.0246	0.32209	0.07733	31	0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0003	5.1400	0.20000	5.0246	0.32209	0.07733	31	0.36	1%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0074	5.2000	0.06000	5.0246	0.32209	0.07733	31	0.54	2%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0350	5.2470	0.00600	5.0246	0.32209	0.07733	31	0.69	2%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0208	5.3005	0.06100	5.0246	0.32209	0.07733	31	0.86	3%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0407	5.3100	0.02000	5.0246	0.32209	0.07733	31	0.89	3%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0226	5.3200	0.10000	5.0246	0.32209	0.07733	31	0.92	3%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0164	5.3350	0.01000	5.0246	0.32209	0.07733	31	0.96	3%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0011	5.4078	0.11540	5.0246	0.32209	0.07733	31	1.19	4%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0682	5.4300	0.10000	5.0246	0.32209	0.07733	31	1.26	4%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0512	5.4550	0.10800	5.0246	0.32209	0.07733	31	1.34	4%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0083	5.7650	0.09000	5.0246	0.32209	0.07733	31	2.30	7%	0
031.41	Phosphorus, ICP, Dry ash (PCT)	0553	5.4750	0.61000	5.0246	0.32209	0.07733	31	1.40	4%	1
031.42	Phosphorus, ICP, Open vessel (PCT)	0692	4.3700	0.12000	5.1083	0.35233	0.10803	25	-2.10	7%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0357	4.5150	0.13000	5.1083	0.35233	0.10803	25	-1.68	6%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0106	4.7250	0.05000	5.1083	0.35233	0.10803	25	-1.09	4%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0366	4.7600	0.06000	5.1083	0.35233	0.10803	25	-0.99	3%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0187	4.7950	0.05000	5.1083	0.35233	0.10803	25	-0.89	3%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0199	4.8000	0.00000	5.1083	0.35233	0.10803	25	-0.88	3%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0045	4.8800	0.02000	5.1083	0.35233	0.10803	25	-0.65	2%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0021	4.9030	0.08000	5.1083	0.35233	0.10803	25	-0.58	2%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0265	4.9050	0.21000	5.1083	0.35233	0.10803	25	-0.58	2%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0205	4.9850	0.13000	5.1083	0.35233	0.10803	25	-0.35	1%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0037	5.0300	0.14000	5.1083	0.35233	0.10803	25	-0.22	1%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0278	5.1000	0.04000	5.1083	0.35233	0.10803	25	-0.02	0%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0202	5.1250	0.05000	5.1083	0.35233	0.10803	25	0.05	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
031.42	Phosphorus, ICP, Open vessel (PCT)	0160	5.1300	0.14000	5.1083	0.35233	0.10803	25	0.06	0%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0035	5.1650	0.03000	5.1083	0.35233	0.10803	25	0.16	1%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0098	5.2350	0.17000	5.1083	0.35233	0.10803	25	0.36	1%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0413	5.2800	0.30000	5.1083	0.35233	0.10803	25	0.49	2%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0613	5.3450	0.07000	5.1083	0.35233	0.10803	25	0.67	2%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0915	5.3895	0.26900	5.1083	0.35233	0.10803	25	0.80	3%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0560	5.3977	0.19810	5.1083	0.35233	0.10803	25	0.82	3%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0190	5.4300	0.04000	5.1083	0.35233	0.10803	25	0.91	3%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0726	5.4755	0.02900	5.1083	0.35233	0.10803	25	1.04	4%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0168	5.5010	0.23800	5.1083	0.35233	0.10803	25	1.11	4%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0014	5.5550	0.11000	5.1083	0.35233	0.10803	25	1.27	4%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0870	5.8507	0.02660	5.1083	0.35233	0.10803	25	2.11	7%	0
031.42	Phosphorus, ICP, Open vessel (PCT)	0504	5.4605	0.83300	5.1083	0.35233	0.10803	25	1.00	3%	1
031.43	Phosphorus, ICP, Microwave (PCT)	0294	4.6400	0.00000	5.1334	0.17091	0.05773	11	-2.89	5%	0
031.43	Phosphorus, ICP, Microwave (PCT)	0042	4.9950	0.03000	5.1334	0.17091	0.05773	11	-0.81	1%	0
031.43	Phosphorus, ICP, Microwave (PCT)	0017	5.0150	0.01000	5.1334	0.17091	0.05773	11	-0.69	1%	0
031.43	Phosphorus, ICP, Microwave (PCT)	0297	5.0400	0.08000	5.1334	0.17091	0.05773	11	-0.55	1%	0
031.43	Phosphorus, ICP, Microwave (PCT)	0619	5.0800	0.02000	5.1334	0.17091	0.05773	11	-0.31	1%	0
031.43	Phosphorus, ICP, Microwave (PCT)	0353	5.1200	0.12000	5.1334	0.17091	0.05773	11	-0.08	0%	0
031.43	Phosphorus, ICP, Microwave (PCT)	0510	5.1500	0.02000	5.1334	0.17091	0.05773	11	0.10	0%	0
031.43	Phosphorus, ICP, Microwave (PCT)	0027	5.2005	0.11500	5.1334	0.17091	0.05773	11	0.39	1%	0
031.43	Phosphorus, ICP, Microwave (PCT)	0508	5.2730	0.06800	5.1334	0.17091	0.05773	11	0.82	1%	0
031.43	Phosphorus, ICP, Microwave (PCT)	0675	5.4150	0.01000	5.1334	0.17091	0.05773	11	1.65	3%	0
031.43	Phosphorus, ICP, Microwave (PCT)	0121	5.4470	0.16200	5.1334	0.17091	0.05773	11	1.84	3%	0
031.52	Phosphorus, ICP-MS, Open vessel (PCT)	0154	4.0930	0.21510			0.21510	1			
031.53	Phosphorus, ICP-MS, Microwave (PCT)	0912	6.1500	1.9200			1.9200	1			
031.99	Phosphorus, Miscellaneous (PCT)	0889	3.8350	0.05000	4.9840	0.76837	0.21200	5	-1.50	12%	0
031.99	Phosphorus, Miscellaneous (PCT)	0552	4.9450	0.03000	4.9840	0.76837	0.21200	5	-0.05	0%	0
031.99	Phosphorus, Miscellaneous (PCT)	0590	5.0000	0.12000	4.9840	0.76837	0.21200	5	0.02	0%	0
031.99	Phosphorus, Miscellaneous (PCT)	0673	5.1500	0.30000	4.9840	0.76837	0.21200	5	0.22	2%	0
031.99	Phosphorus, Miscellaneous (PCT)	0879	5.9900	0.56000	4.9840	0.76837	0.21200	5	1.31	10%	0
032.02	Potassium, Flame Emission (PCT)	0536	0.92500	0.03000	1.1403	0.16691	0.06260	5	-1.29	9%	0
032.02	Potassium, Flame Emission (PCT)	0108	1.0150	0.15000	1.1403	0.16691	0.06260	5	-0.75	5%	0
032.02	Potassium, Flame Emission (PCT)	0590	1.1700	0.04000	1.1403	0.16691	0.06260	5	0.18	1%	0
032.02	Potassium, Flame Emission (PCT)	0504	1.2865	0.08300	1.1403	0.16691	0.06260	5	0.88	6%	0
032.02	Potassium, Flame Emission (PCT)	0669	1.3050	0.01000	1.1403	0.16691	0.06260	5	0.99	7%	0
032.31	Potassium, AAS, Dry ash (PCT)	0650	0.67500	0.01000	1.1765	0.13051	0.01483	12	-3.84	21%	0
032.31	Potassium, AAS, Dry ash (PCT)	0720	0.83500	0.05000	1.1765	0.13051	0.01483	12	-2.62	15%	0
032.31	Potassium, AAS, Dry ash (PCT)	0142	1.0000	0.00000	1.1765	0.13051	0.01483	12	-1.35	8%	0
032.31	Potassium, AAS, Dry ash (PCT)	0670	1.0750	0.01000	1.1765	0.13051	0.01483	12	-0.78	4%	0
032.31	Potassium, AAS, Dry ash (PCT)	0505	1.1250	0.03000	1.1765	0.13051	0.01483	12	-0.39	2%	0
032.31	Potassium, AAS, Dry ash (PCT)	0354	1.2150	0.01000	1.1765	0.13051	0.01483	12	0.29	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
032.31	Potassium, AAS, Dry ash (PCT)	0529	1.2250	0.01000	1.1765	0.13051	0.01483	12	0.37	2%	0
032.31	Potassium, AAS, Dry ash (PCT)	0868	1.2500	0.02000	1.1765	0.13051	0.01483	12	0.56	3%	0
032.31	Potassium, AAS, Dry ash (PCT)	0175	1.2550	0.01000	1.1765	0.13051	0.01483	12	0.60	3%	0
032.31	Potassium, AAS, Dry ash (PCT)	0208	1.2550	0.01000	1.1765	0.13051	0.01483	12	0.60	3%	0
032.31	Potassium, AAS, Dry ash (PCT)	0596	1.3000	0.00000	1.1765	0.13051	0.01483	12	0.95	5%	0
032.31	Potassium, AAS, Dry ash (PCT)	0653	1.3420	0.01800	1.1765	0.13051	0.01483	12	1.27	7%	0
032.31	Potassium, AAS, Dry ash (PCT)	0873	0.92850	0.31500	1.1765	0.13051	0.01483	12	-1.90	11%	1
032.32	Potassium, AAS, Open vessel (PCT)	0169	1.1950	0.01000	2.3152	1.7694	0.01367	3	-0.63	24%	0
032.32	Potassium, AAS, Open vessel (PCT)	0035	1.3955	0.00100	2.3152	1.7694	0.01367	3	-0.52	20%	0
032.32	Potassium, AAS, Open vessel (PCT)	0609	4.3550	0.03000	2.3152	1.7694	0.01367	3	1.15	44%	0
032.41	Potassium, ICP, Dry ash (PCT)	0049	1.0550	0.03000	1.2155	0.10292	0.03617	27	-1.56	7%	0
032.41	Potassium, ICP, Dry ash (PCT)	0144	1.0750	0.01000	1.2155	0.10292	0.03617	27	-1.37	6%	0
032.41	Potassium, ICP, Dry ash (PCT)	0598	1.0925	0.08500	1.2155	0.10292	0.03617	27	-1.20	5%	0
032.41	Potassium, ICP, Dry ash (PCT)	0229	1.0950	0.01000	1.2155	0.10292	0.03617	27	-1.17	5%	0
032.41	Potassium, ICP, Dry ash (PCT)	0358	1.1000	0.06000	1.2155	0.10292	0.03617	27	-1.12	5%	0
032.41	Potassium, ICP, Dry ash (PCT)	0171	1.1100	0.04000	1.2155	0.10292	0.03617	27	-1.03	4%	0
032.41	Potassium, ICP, Dry ash (PCT)	0511	1.1500	0.04000	1.2155	0.10292	0.03617	27	-0.64	3%	0
032.41	Potassium, ICP, Dry ash (PCT)	0083	1.1550	0.01000	1.2155	0.10292	0.03617	27	-0.59	2%	0
032.41	Potassium, ICP, Dry ash (PCT)	0350	1.1780	0.01200	1.2155	0.10292	0.03617	27	-0.36	2%	0
032.41	Potassium, ICP, Dry ash (PCT)	0910	1.1800	0.02000	1.2155	0.10292	0.03617	27	-0.34	1%	0
032.41	Potassium, ICP, Dry ash (PCT)	0003	1.1950	0.03000	1.2155	0.10292	0.03617	27	-0.20	1%	0
032.41	Potassium, ICP, Dry ash (PCT)	0520	1.2000	0.00000	1.2155	0.10292	0.03617	27	-0.15	1%	0
032.41	Potassium, ICP, Dry ash (PCT)	0610	1.2050	0.01000	1.2155	0.10292	0.03617	27	-0.10	0%	0
032.41	Potassium, ICP, Dry ash (PCT)	0029	1.2164	0.10180	1.2155	0.10292	0.03617	27	0.01	0%	0
032.41	Potassium, ICP, Dry ash (PCT)	0682	1.2250	0.11000	1.2155	0.10292	0.03617	27	0.09	0%	0
032.41	Potassium, ICP, Dry ash (PCT)	0011	1.2263	0.01680	1.2155	0.10292	0.03617	27	0.10	0%	0
032.41	Potassium, ICP, Dry ash (PCT)	0100	1.2300	0.00000	1.2155	0.10292	0.03617	27	0.14	1%	0
032.41	Potassium, ICP, Dry ash (PCT)	0550	1.2585	0.02100	1.2155	0.10292	0.03617	27	0.42	2%	0
032.41	Potassium, ICP, Dry ash (PCT)	0074	1.2650	0.05000	1.2155	0.10292	0.03617	27	0.48	2%	0
032.41	Potassium, ICP, Dry ash (PCT)	0425	1.2700	0.00000	1.2155	0.10292	0.03617	27	0.53	2%	0
032.41	Potassium, ICP, Dry ash (PCT)	0148	1.2895	0.02100	1.2155	0.10292	0.03617	27	0.72	3%	0
032.41	Potassium, ICP, Dry ash (PCT)	0164	1.3050	0.05000	1.2155	0.10292	0.03617	27	0.87	4%	0
032.41	Potassium, ICP, Dry ash (PCT)	0004	1.3205	0.00100	1.2155	0.10292	0.03617	27	1.02	4%	0
032.41	Potassium, ICP, Dry ash (PCT)	0407	1.3400	0.02000	1.2155	0.10292	0.03617	27	1.21	5%	0
032.41	Potassium, ICP, Dry ash (PCT)	0512	1.3400	0.06800	1.2155	0.10292	0.03617	27	1.21	5%	0
032.41	Potassium, ICP, Dry ash (PCT)	0695	1.6050	0.11000	1.2155	0.10292	0.03617	27	3.78	16%	0
032.41	Potassium, ICP, Dry ash (PCT)	0226	1.6850	0.05000	1.2155	0.10292	0.03617	27	4.56	19%	0
032.41	Potassium, ICP, Dry ash (PCT)	0208	1.3150	0.21200	1.2155	0.10292	0.03617	27	0.97	4%	1
032.42	Potassium, ICP, Open vessel (PCT)	0504	1.1415	0.05700	1.2687	0.08758	0.03053	23	-1.45	5%	0
032.42	Potassium, ICP, Open vessel (PCT)	0160	1.1750	0.01000	1.2687	0.08758	0.03053	23	-1.07	4%	0
032.42	Potassium, ICP, Open vessel (PCT)	0021	1.1820	0.00000	1.2687	0.08758	0.03053	23	-0.99	3%	0
032.42	Potassium, ICP, Open vessel (PCT)	0037	1.1850	0.01000	1.2687	0.08758	0.03053	23	-0.96	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
032.42	Potassium, ICP, Open vessel (PCT)	0045	1.1950	0.01000	1.2687	0.08758	0.03053	23	-0.84	3%	0
032.42	Potassium, ICP, Open vessel (PCT)	0357	1.2000	0.02000	1.2687	0.08758	0.03053	23	-0.78	3%	0
032.42	Potassium, ICP, Open vessel (PCT)	0205	1.2100	0.00000	1.2687	0.08758	0.03053	23	-0.67	2%	0
032.42	Potassium, ICP, Open vessel (PCT)	0560	1.2231	0.03470	1.2687	0.08758	0.03053	23	-0.52	2%	0
032.42	Potassium, ICP, Open vessel (PCT)	0187	1.2500	0.00000	1.2687	0.08758	0.03053	23	-0.21	1%	0
032.42	Potassium, ICP, Open vessel (PCT)	0098	1.2550	0.05000	1.2687	0.08758	0.03053	23	-0.16	1%	0
032.42	Potassium, ICP, Open vessel (PCT)	0202	1.2600	0.04000	1.2687	0.08758	0.03053	23	-0.10	0%	0
032.42	Potassium, ICP, Open vessel (PCT)	0413	1.2600	0.02000	1.2687	0.08758	0.03053	23	-0.10	0%	0
032.42	Potassium, ICP, Open vessel (PCT)	0613	1.2700	0.02000	1.2687	0.08758	0.03053	23	0.02	0%	0
032.42	Potassium, ICP, Open vessel (PCT)	0168	1.2710	0.13800	1.2687	0.08758	0.03053	23	0.03	0%	0
032.42	Potassium, ICP, Open vessel (PCT)	0035	1.2750	0.01000	1.2687	0.08758	0.03053	23	0.07	0%	0
032.42	Potassium, ICP, Open vessel (PCT)	0692	1.2750	0.03000	1.2687	0.08758	0.03053	23	0.07	0%	0
032.42	Potassium, ICP, Open vessel (PCT)	0190	1.2900	0.06000	1.2687	0.08758	0.03053	23	0.24	1%	0
032.42	Potassium, ICP, Open vessel (PCT)	0265	1.3200	0.02000	1.2687	0.08758	0.03053	23	0.59	2%	0
032.42	Potassium, ICP, Open vessel (PCT)	0870	1.3683	0.08260	1.2687	0.08758	0.03053	23	1.14	4%	0
032.42	Potassium, ICP, Open vessel (PCT)	0278	1.4250	0.03000	1.2687	0.08758	0.03053	23	1.78	6%	0
032.42	Potassium, ICP, Open vessel (PCT)	0199	1.4800	0.00000	1.2687	0.08758	0.03053	23	2.41	8%	0
032.42	Potassium, ICP, Open vessel (PCT)	0106	1.5050	0.03000	1.2687	0.08758	0.03053	23	2.70	9%	0
032.42	Potassium, ICP, Open vessel (PCT)	0366	1.8550	0.03000	1.2687	0.08758	0.03053	23	6.69	23%	0
032.42	Potassium, ICP, Open vessel (PCT)	0915	2.1890	1.3980	1.2687	0.08758	0.03053	23	10.51	36%	1
032.43	Potassium, ICP, Microwave (PCT)	0042	0.78800	0.09000	1.2833	0.19584	0.08371	11	-2.53	19%	0
032.43	Potassium, ICP, Microwave (PCT)	0510	1.0950	0.01000	1.2833	0.19584	0.08371	11	-0.96	7%	0
032.43	Potassium, ICP, Microwave (PCT)	0294	1.1650	0.01000	1.2833	0.19584	0.08371	11	-0.60	5%	0
032.43	Potassium, ICP, Microwave (PCT)	0297	1.1850	0.01000	1.2833	0.19584	0.08371	11	-0.50	4%	0
032.43	Potassium, ICP, Microwave (PCT)	0026	1.2315	0.06100	1.2833	0.19584	0.08371	11	-0.26	2%	0
032.43	Potassium, ICP, Microwave (PCT)	0508	1.2506	0.03980	1.2833	0.19584	0.08371	11	-0.17	1%	0
032.43	Potassium, ICP, Microwave (PCT)	0619	1.3350	0.01000	1.2833	0.19584	0.08371	11	0.26	2%	0
032.43	Potassium, ICP, Microwave (PCT)	0017	1.3700	0.24000	1.2833	0.19584	0.08371	11	0.44	3%	0
032.43	Potassium, ICP, Microwave (PCT)	0121	1.4880	0.28000	1.2833	0.19584	0.08371	11	1.05	8%	0
032.43	Potassium, ICP, Microwave (PCT)	0675	1.4900	0.02000	1.2833	0.19584	0.08371	11	1.06	8%	0
032.43	Potassium, ICP, Microwave (PCT)	0353	1.6750	0.15000	1.2833	0.19584	0.08371	11	2.00	15%	0
032.52	Potassium, ICP-MS, Open vessel (PCT)	0154	1.0872	0.09260			0.09260	1			
032.53	Potassium, ICP-MS, Microwave (PCT)	0912	1.4000	0.40000			0.40000	1			
032.99	Potassium, Miscellaneous (PCT)	0889	0.76500	0.01000			0.01000	1			
033.00	Salt, Sol Cl (PCT)	0871	0.84500	0.01000	1.1056	0.05711	0.01889	34	-4.56	12%	0
033.00	Salt, Sol Cl (PCT)	0894	0.85500	0.01000	1.1056	0.05711	0.01889	34	-4.39	11%	0
033.00	Salt, Sol Cl (PCT)	0892	0.93250	0.00300	1.1056	0.05711	0.01889	34	-3.03	8%	0
033.00	Salt, Sol Cl (PCT)	0891	1.0030	0.00600	1.1056	0.05711	0.01889	34	-1.80	5%	0
033.00	Salt, Sol Cl (PCT)	0723	1.0300	0.02000	1.1056	0.05711	0.01889	34	-1.32	3%	0
033.00	Salt, Sol Cl (PCT)	0897	1.0450	0.01000	1.1056	0.05711	0.01889	34	-1.06	3%	0
033.00	Salt, Sol Cl (PCT)	0675	1.0550	0.01000	1.1056	0.05711	0.01889	34	-0.89	2%	0
033.00	Salt, Sol Cl (PCT)	0893	1.0550	0.01000	1.1056	0.05711	0.01889	34	-0.89	2%	0

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033.00	Salt, Sol Cl (PCT)	0896	1.0700	0.02000	1.1056	0.05711	0.01889	34	-0.62	2%	0
033.00	Salt, Sol Cl (PCT)	0910	1.0750	0.01000	1.1056	0.05711	0.01889	34	-0.54	1%	0
033.00	Salt, Sol Cl (PCT)	0511	1.0800	0.00000	1.1056	0.05711	0.01889	34	-0.45	1%	0
033.00	Salt, Sol Cl (PCT)	0366	1.0850	0.05000	1.1056	0.05711	0.01889	34	-0.36	1%	0
033.00	Salt, Sol Cl (PCT)	0887	1.0900	0.04000	1.1056	0.05711	0.01889	34	-0.27	1%	0
033.00	Salt, Sol Cl (PCT)	0689	1.0950	0.05000	1.1056	0.05711	0.01889	34	-0.19	0%	0
033.00	Salt, Sol Cl (PCT)	0045	1.1000	0.04000	1.1056	0.05711	0.01889	34	-0.10	0%	0
033.00	Salt, Sol Cl (PCT)	0898	1.1000	0.00000	1.1056	0.05711	0.01889	34	-0.10	0%	0
033.00	Salt, Sol Cl (PCT)	0901	1.1050	0.01000	1.1056	0.05711	0.01889	34	-0.01	0%	0
033.00	Salt, Sol Cl (PCT)	0900	1.1100	0.02000	1.1056	0.05711	0.01889	34	0.08	0%	0
033.00	Salt, Sol Cl (PCT)	0309	1.1102	0.02530	1.1056	0.05711	0.01889	34	0.08	0%	0
033.00	Salt, Sol Cl (PCT)	0638	1.1150	0.05000	1.1056	0.05711	0.01889	34	0.16	0%	0
033.00	Salt, Sol Cl (PCT)	0504	1.1200	0.00000	1.1056	0.05711	0.01889	34	0.25	1%	0
033.00	Salt, Sol Cl (PCT)	0885	1.1200	0.02000	1.1056	0.05711	0.01889	34	0.25	1%	0
033.00	Salt, Sol Cl (PCT)	0903	1.1250	0.03000	1.1056	0.05711	0.01889	34	0.34	1%	0
033.00	Salt, Sol Cl (PCT)	0695	1.1300	0.02000	1.1056	0.05711	0.01889	34	0.43	1%	0
033.00	Salt, Sol Cl (PCT)	0868	1.1300	0.02000	1.1056	0.05711	0.01889	34	0.43	1%	0
033.00	Salt, Sol Cl (PCT)	0353	1.1350	0.03000	1.1056	0.05711	0.01889	34	0.51	1%	0
033.00	Salt, Sol Cl (PCT)	0169	1.1450	0.01000	1.1056	0.05711	0.01889	34	0.69	2%	0
033.00	Salt, Sol Cl (PCT)	0886	1.1500	0.02000	1.1056	0.05711	0.01889	34	0.78	2%	0
033.00	Salt, Sol Cl (PCT)	0895	1.1700	0.04000	1.1056	0.05711	0.01889	34	1.13	3%	0
033.00	Salt, Sol Cl (PCT)	0683	1.1850	0.01000	1.1056	0.05711	0.01889	34	1.39	4%	0
033.00	Salt, Sol Cl (PCT)	0539	1.1860	0.00800	1.1056	0.05711	0.01889	34	1.41	4%	0
033.00	Salt, Sol Cl (PCT)	0512	1.1980	0.01000	1.1056	0.05711	0.01889	34	1.62	4%	0
033.00	Salt, Sol Cl (PCT)	0716	1.2000	0.02000	1.1056	0.05711	0.01889	34	1.65	4%	0
033.00	Salt, Sol Cl (PCT)	0849	1.3050	0.01000	1.1056	0.05711	0.01889	34	3.49	9%	0
033.01	Salt, Poten Cl (PCT)	0003	1.1000	0.00000	1.1615	0.02974	0.01676	29	-2.07	3%	0
033.01	Salt, Poten Cl (PCT)	0425	1.1200	0.02000	1.1615	0.02974	0.01676	29	-1.39	2%	0
033.01	Salt, Poten Cl (PCT)	0229	1.1250	0.01000	1.1615	0.02974	0.01676	29	-1.23	2%	0
033.01	Salt, Poten Cl (PCT)	0199	1.1350	0.01000	1.1615	0.02974	0.01676	29	-0.89	1%	0
033.01	Salt, Poten Cl (PCT)	0354	1.1350	0.01000	1.1615	0.02974	0.01676	29	-0.89	1%	0
033.01	Salt, Poten Cl (PCT)	0178	1.1390	0.01400	1.1615	0.02974	0.01676	29	-0.76	1%	0
033.01	Salt, Poten Cl (PCT)	0011	1.1396	0.00900	1.1615	0.02974	0.01676	29	-0.74	1%	0
033.01	Salt, Poten Cl (PCT)	0278	1.1400	0.00000	1.1615	0.02974	0.01676	29	-0.72	1%	0
033.01	Salt, Poten Cl (PCT)	0861	1.1400	0.02000	1.1615	0.02974	0.01676	29	-0.72	1%	0
033.01	Salt, Poten Cl (PCT)	0670	1.1400	0.04000	1.1615	0.02974	0.01676	29	-0.72	1%	0
033.01	Salt, Poten Cl (PCT)	0205	1.1500	0.00000	1.1615	0.02974	0.01676	29	-0.39	0%	0
033.01	Salt, Poten Cl (PCT)	0407	1.1550	0.01000	1.1615	0.02974	0.01676	29	-0.22	0%	0
033.01	Salt, Poten Cl (PCT)	0100	1.1550	0.07000	1.1615	0.02974	0.01676	29	-0.22	0%	0
033.01	Salt, Poten Cl (PCT)	0098	1.1600	0.00000	1.1615	0.02974	0.01676	29	-0.05	0%	0
033.01	Salt, Poten Cl (PCT)	0413	1.1600	0.04000	1.1615	0.02974	0.01676	29	-0.05	0%	0
033.01	Salt, Poten Cl (PCT)	0590	1.1600	0.02000	1.1615	0.02974	0.01676	29	-0.05	0%	0

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033.01	Salt, Poten Cl (PCT)	0029	1.1650	0.02200	1.1615	0.02974	0.01676	29	0.12	0%	0
033.01	Salt, Poten Cl (PCT)	0001	1.1700	0.00000	1.1615	0.02974	0.01676	29	0.29	0%	0
033.01	Salt, Poten Cl (PCT)	0175	1.1700	0.00000	1.1615	0.02974	0.01676	29	0.29	0%	0
033.01	Salt, Poten Cl (PCT)	0226	1.1700	0.02000	1.1615	0.02974	0.01676	29	0.29	0%	0
033.01	Salt, Poten Cl (PCT)	0559	1.1750	0.03000	1.1615	0.02974	0.01676	29	0.45	1%	0
033.01	Salt, Poten Cl (PCT)	0650	1.1750	0.01000	1.1615	0.02974	0.01676	29	0.45	1%	0
033.01	Salt, Poten Cl (PCT)	0337	1.1900	0.04000	1.1615	0.02974	0.01676	29	0.96	1%	0
033.01	Salt, Poten Cl (PCT)	0039	1.1935	0.00100	1.1615	0.02974	0.01676	29	1.08	1%	0
033.01	Salt, Poten Cl (PCT)	0510	1.1950	0.01000	1.1615	0.02974	0.01676	29	1.13	1%	0
033.01	Salt, Poten Cl (PCT)	0106	1.2000	0.02000	1.1615	0.02974	0.01676	29	1.30	2%	0
033.01	Salt, Poten Cl (PCT)	0596	1.2000	0.00000	1.1615	0.02974	0.01676	29	1.30	2%	0
033.01	Salt, Poten Cl (PCT)	0164	1.2050	0.03000	1.1615	0.02974	0.01676	29	1.46	2%	0
033.01	Salt, Poten Cl (PCT)	0674	1.2250	0.03000	1.1615	0.02974	0.01676	29	2.14	3%	0
033.01	Salt, Poten Cl (PCT)	0682	1.4300	0.30000	1.1615	0.02974	0.01676	29	9.03	12%	1
033.03	Salt, Quantab (PCT)	0848	1.0300	0.06000	1.1715	0.13457	0.08000	8	-1.05	6%	0
033.03	Salt, Quantab (PCT)	0144	1.0750	0.11000	1.1715	0.13457	0.08000	8	-0.72	4%	0
033.03	Salt, Quantab (PCT)	0265	1.0750	0.07000	1.1715	0.13457	0.08000	8	-0.72	4%	0
033.03	Salt, Quantab (PCT)	0014	1.1300	0.00000	1.1715	0.13457	0.08000	8	-0.31	2%	0
033.03	Salt, Quantab (PCT)	0505	1.1850	0.09000	1.1715	0.13457	0.08000	8	0.10	1%	0
033.03	Salt, Quantab (PCT)	0879	1.1950	0.19000	1.1715	0.13457	0.08000	8	0.17	1%	0
033.03	Salt, Quantab (PCT)	0190	1.7850	0.05000	1.1715	0.13457	0.08000	8	4.56	26%	0
033.03	Salt, Quantab (PCT)	0726	1.8350	0.07000	1.1715	0.13457	0.08000	8	4.93	28%	0
033.05	Salt, Ion Sel Electrode (PCT)	0004	1.0750	0.01000			0.01000	1			
033.99	Salt, Miscellaneous (PCT)	0673	1.0000	0.00000	1.1575	0.12216	0.04625	8	-1.29	7%	0
033.99	Salt, Miscellaneous (PCT)	0905	1.0400	0.10000	1.1575	0.12216	0.04625	8	-0.96	5%	0
033.99	Salt, Miscellaneous (PCT)	0208	1.1350	0.03000	1.1575	0.12216	0.04625	8	-0.18	1%	0
033.99	Salt, Miscellaneous (PCT)	0552	1.1550	0.03000	1.1575	0.12216	0.04625	8	-0.02	0%	0
033.99	Salt, Miscellaneous (PCT)	0358	1.1550	0.09000	1.1575	0.12216	0.04625	8	-0.02	0%	0
033.99	Salt, Miscellaneous (PCT)	0171	1.1600	0.00000	1.1575	0.12216	0.04625	8	0.02	0%	0
033.99	Salt, Miscellaneous (PCT)	0027	1.3260	0.01000	1.1575	0.12216	0.04625	8	1.38	7%	0
033.99	Salt, Miscellaneous (PCT)	0017	1.4950	0.11000	1.1575	0.12216	0.04625	8	2.76	15%	0
033.99	Salt, Miscellaneous (PCT)	0121	1.4360	0.53400	1.1575	0.12216	0.04625	8	2.28	12%	1
034.04	Selenium, AA, Hydride (PPM)	0098	2.3100	0.04000	26.106	1.3923	0.62167	6	-17.09	46%	0
034.04	Selenium, AA, Hydride (PPM)	0164	25.500	1.0000	26.106	1.3923	0.62167	6	-0.44	1%	0
034.04	Selenium, AA, Hydride (PPM)	0169	25.550	0.50000	26.106	1.3923	0.62167	6	-0.40	1%	0
034.04	Selenium, AA, Hydride (PPM)	0610	26.500	1.0000	26.106	1.3923	0.62167	6	0.28	1%	0
034.04	Selenium, AA, Hydride (PPM)	0026	27.035	0.67000	26.106	1.3923	0.62167	6	0.67	2%	0
034.04	Selenium, AA, Hydride (PPM)	0035	34.710	0.52000	26.106	1.3923	0.62167	6	6.18	16%	0
034.04	Selenium, AA, Hydride (PPM)	0208	25.850	3.7000	26.106	1.3923	0.62167	6	-0.18	0%	1
034.33	Selenium, AAS, Microwave (PPM)	0679	228.03	16.900			16.900	1			
034.34	Selenium, AAS, Graphite furnace (PPM)	0013	64.300	2.8000			2.8000	1			
034.41	Selenium, ICP, Dry ash (PPM)	0011	15.272	1.2050	18.101	4.0008	2.9425	2	-0.71	8%	0

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034.41	Selenium, ICP, Dry ash (PPM)	0682	20.930	4.6800	18.101	4.0008	2.9425	2	0.71	8%	0
034.42	Selenium, ICP, Open vessel (PPM)	0504	18.435	0.01000	22.722	3.3296	0.55200	5	-1.29	9%	0
034.42	Selenium, ICP, Open vessel (PPM)	0425	21.000	0.00000	22.722	3.3296	0.55200	5	-0.52	4%	0
034.42	Selenium, ICP, Open vessel (PPM)	0171	23.250	1.5000	22.722	3.3296	0.55200	5	0.16	1%	0
034.42	Selenium, ICP, Open vessel (PPM)	0160	23.500	1.0000	22.722	3.3296	0.55200	5	0.23	2%	0
034.42	Selenium, ICP, Open vessel (PPM)	0029	27.425	0.25000	22.722	3.3296	0.55200	5	1.41	10%	0
034.52	Selenium, ICP-MS, Open vessel (PPM)	0154	18.638	1.3420			1.3420	1			
034.53	Selenium, ICP-MS, Microwave (PPM)	0910	23.348	3.1960	29.308	4.2020	3.5565	4	-1.42	10%	0
034.53	Selenium, ICP-MS, Microwave (PPM)	0047	30.000	4.8000	29.308	4.2020	3.5565	4	0.16	1%	0
034.53	Selenium, ICP-MS, Microwave (PPM)	0912	30.700	5.8000	29.308	4.2020	3.5565	4	0.33	2%	0
034.53	Selenium, ICP-MS, Microwave (PPM)	0033	33.185	0.43000	29.308	4.2020	3.5565	4	0.92	7%	0
034.99	Selenium, Miscellaneous (PPM)	0508	25.250	0.30700			0.30700	1			
035.01	Sodium, Ion Sel Electrode (PCT)	0868	0.49300	0.00400	0.52400	0.04384	0.00700	2	-0.71	3%	0
035.01	Sodium, Ion Sel Electrode (PCT)	0138	0.55500	0.01000	0.52400	0.04384	0.00700	2	0.71	3%	0
035.05	Sodium, Flame Emission (PCT)	0108	0.41500	0.01000	0.54274	0.12359	0.01804	5	-1.03	12%	0
035.05	Sodium, Flame Emission (PCT)	0152	0.49500	0.01000	0.54274	0.12359	0.01804	5	-0.39	4%	0
035.05	Sodium, Flame Emission (PCT)	0337	0.50885	0.00170	0.54274	0.12359	0.01804	5	-0.27	3%	0
035.05	Sodium, Flame Emission (PCT)	0504	0.54885	0.02050	0.54274	0.12359	0.01804	5	0.05	1%	0
035.05	Sodium, Flame Emission (PCT)	0536	0.74600	0.04800	0.54274	0.12359	0.01804	5	1.64	19%	0
035.31	Sodium, AAS, Dry ash (PCT)	0650	0.31500	0.05000	0.50284	0.06235	0.01789	12	-3.01	19%	0
035.31	Sodium, AAS, Dry ash (PCT)	0142	0.42500	0.01000	0.50284	0.06235	0.01789	12	-1.25	8%	0
035.31	Sodium, AAS, Dry ash (PCT)	0670	0.47150	0.00100	0.50284	0.06235	0.01789	12	-0.50	3%	0
035.31	Sodium, AAS, Dry ash (PCT)	0354	0.47500	0.03000	0.50284	0.06235	0.01789	12	-0.45	3%	0
035.31	Sodium, AAS, Dry ash (PCT)	0563	0.48725	0.00270	0.50284	0.06235	0.01789	12	-0.25	2%	0
035.31	Sodium, AAS, Dry ash (PCT)	0868	0.49000	0.00000	0.50284	0.06235	0.01789	12	-0.21	1%	0
035.31	Sodium, AAS, Dry ash (PCT)	0175	0.49500	0.03000	0.50284	0.06235	0.01789	12	-0.13	1%	0
035.31	Sodium, AAS, Dry ash (PCT)	0208	0.52000	0.04000	0.50284	0.06235	0.01789	12	0.28	2%	0
035.31	Sodium, AAS, Dry ash (PCT)	0505	0.53800	0.02200	0.50284	0.06235	0.01789	12	0.56	3%	0
035.31	Sodium, AAS, Dry ash (PCT)	0529	0.57950	0.00900	0.50284	0.06235	0.01789	12	1.23	8%	0
035.31	Sodium, AAS, Dry ash (PCT)	0596	0.59500	0.01000	0.50284	0.06235	0.01789	12	1.48	9%	0
035.31	Sodium, AAS, Dry ash (PCT)	0720	0.60500	0.01000	0.50284	0.06235	0.01789	12	1.64	10%	0
035.31	Sodium, AAS, Dry ash (PCT)	0873	0.42300	0.10000	0.50284	0.06235	0.01789	12	-1.28	8%	1
035.32	Sodium, AAS, Open vessel (PCT)	0035	0.50000	0.00000	0.54827	0.03485	0.00678	5	-1.38	4%	0
035.32	Sodium, AAS, Open vessel (PCT)	0609	0.52500	0.01000	0.54827	0.03485	0.00678	5	-0.67	2%	0
035.32	Sodium, AAS, Open vessel (PCT)	0169	0.56000	0.00000	0.54827	0.03485	0.00678	5	0.34	1%	0
035.32	Sodium, AAS, Open vessel (PCT)	0722	0.57265	0.02310	0.54827	0.03485	0.00678	5	0.70	2%	0
035.32	Sodium, AAS, Open vessel (PCT)	0263	0.58370	0.00080	0.54827	0.03485	0.00678	5	1.02	3%	0
035.41	Sodium, ICP, Dry ash (PCT)	0229	0.41500	0.01000	0.50420	0.03734	0.01035	21	-2.39	9%	0
035.41	Sodium, ICP, Dry ash (PCT)	0089	0.42000	0.00000	0.50420	0.03734	0.01035	21	-2.26	8%	0
035.41	Sodium, ICP, Dry ash (PCT)	0358	0.45500	0.03000	0.50420	0.03734	0.01035	21	-1.32	5%	0
035.41	Sodium, ICP, Dry ash (PCT)	0144	0.46000	0.02000	0.50420	0.03734	0.01035	21	-1.18	4%	0
035.41	Sodium, ICP, Dry ash (PCT)	0598	0.47865	0.03950	0.50420	0.03734	0.01035	21	-0.68	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
035.41	Sodium, ICP, Dry ash (PCT)	0100	0.49000	0.00000	0.50420	0.03734	0.01035	21	-0.38	1%	0
035.41	Sodium, ICP, Dry ash (PCT)	0171	0.49250	0.01500	0.50420	0.03734	0.01035	21	-0.31	1%	0
035.41	Sodium, ICP, Dry ash (PCT)	0682	0.49500	0.01000	0.50420	0.03734	0.01035	21	-0.25	1%	0
035.41	Sodium, ICP, Dry ash (PCT)	0029	0.49870	0.01520	0.50420	0.03734	0.01035	21	-0.15	1%	0
035.41	Sodium, ICP, Dry ash (PCT)	0425	0.50000	0.00000	0.50420	0.03734	0.01035	21	-0.11	0%	0
035.41	Sodium, ICP, Dry ash (PCT)	0520	0.50000	0.00000	0.50420	0.03734	0.01035	21	-0.11	0%	0
035.41	Sodium, ICP, Dry ash (PCT)	0550	0.50400	0.01000	0.50420	0.03734	0.01035	21	-0.01	0%	0
035.41	Sodium, ICP, Dry ash (PCT)	0049	0.51000	0.00000	0.50420	0.03734	0.01035	21	0.16	1%	0
035.41	Sodium, ICP, Dry ash (PCT)	0610	0.51250	0.01100	0.50420	0.03734	0.01035	21	0.22	1%	0
035.41	Sodium, ICP, Dry ash (PCT)	0011	0.52200	0.00360	0.50420	0.03734	0.01035	21	0.48	2%	0
035.41	Sodium, ICP, Dry ash (PCT)	0164	0.53000	0.00000	0.50420	0.03734	0.01035	21	0.69	3%	0
035.41	Sodium, ICP, Dry ash (PCT)	0407	0.54200	0.01200	0.50420	0.03734	0.01035	21	1.01	4%	0
035.41	Sodium, ICP, Dry ash (PCT)	0148	0.55300	0.00600	0.50420	0.03734	0.01035	21	1.31	5%	0
035.41	Sodium, ICP, Dry ash (PCT)	0083	0.55500	0.01000	0.50420	0.03734	0.01035	21	1.36	5%	0
035.41	Sodium, ICP, Dry ash (PCT)	0695	0.63500	0.01000	0.50420	0.03734	0.01035	21	3.50	13%	0
035.41	Sodium, ICP, Dry ash (PCT)	0226	0.64950	0.01500	0.50420	0.03734	0.01035	21	3.89	14%	0
035.41	Sodium, ICP, Dry ash (PCT)	0208	0.63050	0.14100	0.50420	0.03734	0.01035	21	3.38	13%	1
035.42	Sodium, ICP, Open vessel (PCT)	0692	0.48000	0.02000	0.52259	0.03125	0.02109	17	-1.36	4%	0
035.42	Sodium, ICP, Open vessel (PCT)	0035	0.48500	0.01000	0.52259	0.03125	0.02109	17	-1.20	4%	0
035.42	Sodium, ICP, Open vessel (PCT)	0021	0.49020	0.03200	0.52259	0.03125	0.02109	17	-1.04	3%	0
035.42	Sodium, ICP, Open vessel (PCT)	0504	0.49100	0.04200	0.52259	0.03125	0.02109	17	-1.01	3%	0
035.42	Sodium, ICP, Open vessel (PCT)	0613	0.49500	0.05000	0.52259	0.03125	0.02109	17	-0.88	3%	0
035.42	Sodium, ICP, Open vessel (PCT)	0205	0.49750	0.00900	0.52259	0.03125	0.02109	17	-0.80	2%	0
035.42	Sodium, ICP, Open vessel (PCT)	0045	0.50750	0.01100	0.52259	0.03125	0.02109	17	-0.48	1%	0
035.42	Sodium, ICP, Open vessel (PCT)	0366	0.52500	0.03000	0.52259	0.03125	0.02109	17	0.08	0%	0
035.42	Sodium, ICP, Open vessel (PCT)	0098	0.53000	0.02000	0.52259	0.03125	0.02109	17	0.24	1%	0
035.42	Sodium, ICP, Open vessel (PCT)	0106	0.53800	0.00400	0.52259	0.03125	0.02109	17	0.49	1%	0
035.42	Sodium, ICP, Open vessel (PCT)	0199	0.54000	0.00000	0.52259	0.03125	0.02109	17	0.56	2%	0
035.42	Sodium, ICP, Open vessel (PCT)	0265	0.54000	0.02000	0.52259	0.03125	0.02109	17	0.56	2%	0
035.42	Sodium, ICP, Open vessel (PCT)	0413	0.54000	0.02000	0.52259	0.03125	0.02109	17	0.56	2%	0
035.42	Sodium, ICP, Open vessel (PCT)	0187	0.55000	0.00000	0.52259	0.03125	0.02109	17	0.88	3%	0
035.42	Sodium, ICP, Open vessel (PCT)	0278	0.55000	0.02000	0.52259	0.03125	0.02109	17	0.88	3%	0
035.42	Sodium, ICP, Open vessel (PCT)	0560	0.55020	0.03480	0.52259	0.03125	0.02109	17	0.88	3%	0
035.42	Sodium, ICP, Open vessel (PCT)	0870	0.57960	0.03580	0.52259	0.03125	0.02109	17	1.82	5%	0
035.42	Sodium, ICP, Open vessel (PCT)	0915	0.66325	0.09450	0.52259	0.03125	0.02109	17	4.50	13%	1
035.43	Sodium, ICP, Microwave (PCT)	0042	0.21350	0.01700	0.53780	0.09997	0.02749	8	-3.24	30%	0
035.43	Sodium, ICP, Microwave (PCT)	0510	0.45950	0.00500	0.53780	0.09997	0.02749	8	-0.78	7%	0
035.43	Sodium, ICP, Microwave (PCT)	0294	0.48500	0.01000	0.53780	0.09997	0.02749	8	-0.53	5%	0
035.43	Sodium, ICP, Microwave (PCT)	0508	0.54575	0.04790	0.53780	0.09997	0.02749	8	0.08	1%	0
035.43	Sodium, ICP, Microwave (PCT)	0297	0.55000	0.02000	0.53780	0.09997	0.02749	8	0.12	1%	0
035.43	Sodium, ICP, Microwave (PCT)	0017	0.59000	0.04000	0.53780	0.09997	0.02749	8	0.52	5%	0
035.43	Sodium, ICP, Microwave (PCT)	0675	0.62500	0.01000	0.53780	0.09997	0.02749	8	0.87	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
035.43	Sodium, ICP, Microwave (PCT)	0353	0.65500	0.07000	0.53780	0.09997	0.02749	8	1.17	11%	0
035.52	Sodium, ICP-MS, Open vessel (PCT)	0154	0.30285	0.05110			0.05110	1			
035.53	Sodium, ICP-MS, Microwave (PCT)	0912	0.54000	0.02000			0.02000	1			
036.00	Sulfur, Gravimetric (PCT)	0175	2.0600	0.02000			0.02000	1			
036.04	Sulfur, LECO (PCT)	0226	1.3550	0.05000	1.5500	0.27577	0.03000	2	-0.71	6%	0
036.04	Sulfur, LECO (PCT)	0098	1.7450	0.01000	1.5500	0.27577	0.03000	2	0.71	6%	0
036.42	Sulfur, ICP, Open vessel (PCT)	0357	1.8200	0.00000	2.0258	0.15486	0.04022	16	-1.33	5%	0
036.42	Sulfur, ICP, Open vessel (PCT)	0366	1.8350	0.01000	2.0258	0.15486	0.04022	16	-1.23	5%	0
036.42	Sulfur, ICP, Open vessel (PCT)	0106	1.8850	0.01000	2.0258	0.15486	0.04022	16	-0.91	3%	0
036.42	Sulfur, ICP, Open vessel (PCT)	0045	1.8900	0.04000	2.0258	0.15486	0.04022	16	-0.88	3%	0
036.42	Sulfur, ICP, Open vessel (PCT)	0187	1.9152	0.00210	2.0258	0.15486	0.04022	16	-0.71	3%	0
036.42	Sulfur, ICP, Open vessel (PCT)	0915	1.9540	0.06800	2.0258	0.15486	0.04022	16	-0.46	2%	0
036.42	Sulfur, ICP, Open vessel (PCT)	0265	1.9900	0.06000	2.0258	0.15486	0.04022	16	-0.23	1%	0
036.42	Sulfur, ICP, Open vessel (PCT)	0202	2.0450	0.01000	2.0258	0.15486	0.04022	16	0.12	0%	0
036.42	Sulfur, ICP, Open vessel (PCT)	0560	2.0523	0.04670	2.0258	0.15486	0.04022	16	0.17	1%	0
036.42	Sulfur, ICP, Open vessel (PCT)	0098	2.0750	0.09000	2.0258	0.15486	0.04022	16	0.32	1%	0
036.42	Sulfur, ICP, Open vessel (PCT)	0021	2.0800	0.04600	2.0258	0.15486	0.04022	16	0.35	1%	0
036.42	Sulfur, ICP, Open vessel (PCT)	0171	2.0900	0.04000	2.0258	0.15486	0.04022	16	0.41	2%	0
036.42	Sulfur, ICP, Open vessel (PCT)	0278	2.0950	0.01000	2.0258	0.15486	0.04022	16	0.45	2%	0
036.42	Sulfur, ICP, Open vessel (PCT)	0613	2.1700	0.00000	2.0258	0.15486	0.04022	16	0.93	4%	0
036.42	Sulfur, ICP, Open vessel (PCT)	0870	2.3687	0.14070	2.0258	0.15486	0.04022	16	2.21	8%	0
036.42	Sulfur, ICP, Open vessel (PCT)	0407	2.5650	0.07000	2.0258	0.15486	0.04022	16	3.48	13%	0
036.43	Sulfur, ICP, Microwave (PCT)	0510	1.7900	0.02000	1.9350	0.04354	0.05656	7	-3.33	4%	0
036.43	Sulfur, ICP, Microwave (PCT)	0297	1.9100	0.04000	1.9350	0.04354	0.05656	7	-0.57	1%	0
036.43	Sulfur, ICP, Microwave (PCT)	0508	1.9148	0.05590	1.9350	0.04354	0.05656	7	-0.46	1%	0
036.43	Sulfur, ICP, Microwave (PCT)	0353	1.9350	0.01000	1.9350	0.04354	0.05656	7	0.00	0%	0
036.43	Sulfur, ICP, Microwave (PCT)	0169	1.9400	0.08000	1.9350	0.04354	0.05656	7	0.12	0%	0
036.43	Sulfur, ICP, Microwave (PCT)	0294	1.9750	0.01000	1.9350	0.04354	0.05656	7	0.92	1%	0
036.43	Sulfur, ICP, Microwave (PCT)	0553	2.1200	0.18000	1.9350	0.04354	0.05656	7	4.25	5%	0
036.53	Sulfur, ICP-MS, Microwave (PCT)	0912	2.3700	0.70000			0.70000	1			
036.99	Sulfur, Miscellaneous (PCT)	0889	0.99000	0.00000	2.7020	2.4211	0.00700	2	-0.71	32%	0
036.99	Sulfur, Miscellaneous (PCT)	0550	4.4140	0.01400	2.7020	2.4211	0.00700	2	0.71	32%	0
037.31	Zinc, AAS, Dry ash (PPM)	0720	3,237.5	282.89	4,240.2	199.93	106.28	18	-5.02	12%	0
037.31	Zinc, AAS, Dry ash (PPM)	0638	3,862.5	25.000	4,240.2	199.93	106.28	18	-1.89	4%	0
037.31	Zinc, AAS, Dry ash (PPM)	0536	4,026.9	125.81	4,240.2	199.93	106.28	18	-1.07	3%	0
037.31	Zinc, AAS, Dry ash (PPM)	0305	4,091.6	137.84	4,240.2	199.93	106.28	18	-0.74	2%	0
037.31	Zinc, AAS, Dry ash (PPM)	0905	4,144.3	34.662	4,240.2	199.93	106.28	18	-0.48	1%	0
037.31	Zinc, AAS, Dry ash (PPM)	0178	4,154.5	45.000	4,240.2	199.93	106.28	18	-0.43	1%	0
037.31	Zinc, AAS, Dry ash (PPM)	0208	4,170.0	200.00	4,240.2	199.93	106.28	18	-0.35	1%	0
037.31	Zinc, AAS, Dry ash (PPM)	0669	4,183.5	205.52	4,240.2	199.93	106.28	18	-0.28	1%	0
037.31	Zinc, AAS, Dry ash (PPM)	0354	4,200.0	2.6700	4,240.2	199.93	106.28	18	-0.20	0%	0
037.31	Zinc, AAS, Dry ash (PPM)	0563	4,250.0	38.000	4,240.2	199.93	106.28	18	0.05	0%	0

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037.31	Zinc, AAS, Dry ash (PPM)	0868	4,252.5	71.000	4,240.2	199.93	106.28	18	0.06	0%	0
037.31	Zinc, AAS, Dry ash (PPM)	0505	4,325.0	130.00	4,240.2	199.93	106.28	18	0.42	1%	0
037.31	Zinc, AAS, Dry ash (PPM)	0596	4,343.5	155.00	4,240.2	199.93	106.28	18	0.52	1%	0
037.31	Zinc, AAS, Dry ash (PPM)	0689	4,430.5	175.00	4,240.2	199.93	106.28	18	0.95	2%	0
037.31	Zinc, AAS, Dry ash (PPM)	0866	4,437.0	64.530	4,240.2	199.93	106.28	18	0.98	2%	0
037.31	Zinc, AAS, Dry ash (PPM)	0653	4,459.5	107.00	4,240.2	199.93	106.28	18	1.10	3%	0
037.31	Zinc, AAS, Dry ash (PPM)	0674	4,460.9	13.060	4,240.2	199.93	106.28	18	1.10	3%	0
037.31	Zinc, AAS, Dry ash (PPM)	0175	4,550.0	100.00	4,240.2	199.93	106.28	18	1.55	4%	0
037.31	Zinc, AAS, Dry ash (PPM)	0590	4,659.5	611.00	4,240.2	199.93	106.28	18	2.10	5%	1
037.31	Zinc, AAS, Dry ash (PPM)	0529	0.45000	0.00000	4,240.2	199.93	106.28	18	-21.21	50%	2
037.32	Zinc, AAS, Open vessel (PPM)	0609	410.64	1.2800	4,152.0	2,697.6	300.98	4	-1.39	45%	0
037.32	Zinc, AAS, Open vessel (PPM)	0035	4,334.5	1.0000	4,152.0	2,697.6	300.98	4	0.07	2%	0
037.32	Zinc, AAS, Open vessel (PPM)	0504	5,075.0	1,122.0	4,152.0	2,697.6	300.98	4	0.34	11%	0
037.32	Zinc, AAS, Open vessel (PPM)	0722	6,787.8	79.624	4,152.0	2,697.6	300.98	4	0.98	32%	0
037.33	Zinc, AAS, Microwave (PPM)	0504	4,361.0	64.000			64.000	1			
037.41	Zinc, ICP, Dry ash (PPM)	0011	0.42115	0.01450	4,113.1	419.78	75.335	27	-9.80	50%	0
037.41	Zinc, ICP, Dry ash (PPM)	0425	0.44000	0.00000	4,113.1	419.78	75.335	27	-9.80	50%	0
037.41	Zinc, ICP, Dry ash (PPM)	0598	3,403.0	56.000	4,113.1	419.78	75.335	27	-1.69	9%	0
037.41	Zinc, ICP, Dry ash (PPM)	0550	3,459.9	7.4130	4,113.1	419.78	75.335	27	-1.56	8%	0
037.41	Zinc, ICP, Dry ash (PPM)	0049	3,624.5	204.47	4,113.1	419.78	75.335	27	-1.16	6%	0
037.41	Zinc, ICP, Dry ash (PPM)	0695	3,699.7	45.220	4,113.1	419.78	75.335	27	-0.98	5%	0
037.41	Zinc, ICP, Dry ash (PPM)	0003	3,714.0	60.000	4,113.1	419.78	75.335	27	-0.95	5%	0
037.41	Zinc, ICP, Dry ash (PPM)	0520	3,760.5	53.000	4,113.1	419.78	75.335	27	-0.84	4%	0
037.41	Zinc, ICP, Dry ash (PPM)	0171	3,860.0	60.000	4,113.1	419.78	75.335	27	-0.60	3%	0
037.41	Zinc, ICP, Dry ash (PPM)	0358	3,952.7	126.65	4,113.1	419.78	75.335	27	-0.38	2%	0
037.41	Zinc, ICP, Dry ash (PPM)	0004	3,961.0	2.0000	4,113.1	419.78	75.335	27	-0.36	2%	0
037.41	Zinc, ICP, Dry ash (PPM)	0148	4,017.5	27.000	4,113.1	419.78	75.335	27	-0.23	1%	0
037.41	Zinc, ICP, Dry ash (PPM)	0226	4,126.5	63.000	4,113.1	419.78	75.335	27	0.03	0%	0
037.41	Zinc, ICP, Dry ash (PPM)	0164	4,205.0	70.000	4,113.1	419.78	75.335	27	0.22	1%	0
037.41	Zinc, ICP, Dry ash (PPM)	0511	4,245.0	34.000	4,113.1	419.78	75.335	27	0.31	2%	0
037.41	Zinc, ICP, Dry ash (PPM)	0350	4,246.0	4.0000	4,113.1	419.78	75.335	27	0.32	2%	0
037.41	Zinc, ICP, Dry ash (PPM)	0229	4,261.0	54.000	4,113.1	419.78	75.335	27	0.35	2%	0
037.41	Zinc, ICP, Dry ash (PPM)	0407	4,299.0	118.00	4,113.1	419.78	75.335	27	0.44	2%	0
037.41	Zinc, ICP, Dry ash (PPM)	0100	4,313.0	148.00	4,113.1	419.78	75.335	27	0.48	2%	0
037.41	Zinc, ICP, Dry ash (PPM)	0029	4,315.5	263.00	4,113.1	419.78	75.335	27	0.48	2%	0
037.41	Zinc, ICP, Dry ash (PPM)	0074	4,388.0	2.0000	4,113.1	419.78	75.335	27	0.65	3%	0
037.41	Zinc, ICP, Dry ash (PPM)	0208	4,428.5	29.000	4,113.1	419.78	75.335	27	0.75	4%	0
037.41	Zinc, ICP, Dry ash (PPM)	0682	4,468.1	36.290	4,113.1	419.78	75.335	27	0.85	4%	0
037.41	Zinc, ICP, Dry ash (PPM)	0610	4,501.0	0.00000	4,113.1	419.78	75.335	27	0.92	5%	0
037.41	Zinc, ICP, Dry ash (PPM)	0910	4,711.5	85.000	4,113.1	419.78	75.335	27	1.43	7%	0
037.41	Zinc, ICP, Dry ash (PPM)	0553	4,735.0	290.00	4,113.1	419.78	75.335	27	1.48	8%	0
037.41	Zinc, ICP, Dry ash (PPM)	0083	4,880.0	196.00	4,113.1	419.78	75.335	27	1.83	9%	0

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037.41	Zinc, ICP, Dry ash (PPM)	0512	4,087.0	752.00	4,113.1	419.78	75.335	27	-0.06	0%	1
037.42	Zinc, ICP, Open vessel (PPM)	0168	3,420.0	80.000	4,034.7	409.51	161.48	20	-1.50	8%	0
037.42	Zinc, ICP, Open vessel (PPM)	0037	3,439.0	64.000	4,034.7	409.51	161.48	20	-1.45	7%	0
037.42	Zinc, ICP, Open vessel (PPM)	0199	3,580.0	0.00000	4,034.7	409.51	161.48	20	-1.11	6%	0
037.42	Zinc, ICP, Open vessel (PPM)	0187	3,605.6	121.06	4,034.7	409.51	161.48	20	-1.05	5%	0
037.42	Zinc, ICP, Open vessel (PPM)	0265	3,646.0	370.00	4,034.7	409.51	161.48	20	-0.95	5%	0
037.42	Zinc, ICP, Open vessel (PPM)	0357	3,862.0	126.00	4,034.7	409.51	161.48	20	-0.42	2%	0
037.42	Zinc, ICP, Open vessel (PPM)	0915	3,871.0	196.00	4,034.7	409.51	161.48	20	-0.40	2%	0
037.42	Zinc, ICP, Open vessel (PPM)	0692	3,940.0	100.00	4,034.7	409.51	161.48	20	-0.23	1%	0
037.42	Zinc, ICP, Open vessel (PPM)	0098	3,979.0	302.00	4,034.7	409.51	161.48	20	-0.14	1%	0
037.42	Zinc, ICP, Open vessel (PPM)	0366	4,045.0	150.00	4,034.7	409.51	161.48	20	0.03	0%	0
037.42	Zinc, ICP, Open vessel (PPM)	0613	4,069.0	6.0000	4,034.7	409.51	161.48	20	0.08	0%	0
037.42	Zinc, ICP, Open vessel (PPM)	0160	4,070.0	460.00	4,034.7	409.51	161.48	20	0.09	0%	0
037.42	Zinc, ICP, Open vessel (PPM)	0106	4,145.0	30.000	4,034.7	409.51	161.48	20	0.27	1%	0
037.42	Zinc, ICP, Open vessel (PPM)	0021	4,167.0	346.00	4,034.7	409.51	161.48	20	0.32	2%	0
037.42	Zinc, ICP, Open vessel (PPM)	0870	4,234.5	355.00	4,034.7	409.51	161.48	20	0.49	2%	0
037.42	Zinc, ICP, Open vessel (PPM)	0413	4,385.0	250.00	4,034.7	409.51	161.48	20	0.86	4%	0
037.42	Zinc, ICP, Open vessel (PPM)	0202	4,385.3	58.500	4,034.7	409.51	161.48	20	0.86	4%	0
037.42	Zinc, ICP, Open vessel (PPM)	0035	4,499.0	0.00000	4,034.7	409.51	161.48	20	1.13	6%	0
037.42	Zinc, ICP, Open vessel (PPM)	0560	4,620.5	95.000	4,034.7	409.51	161.48	20	1.43	7%	0
037.42	Zinc, ICP, Open vessel (PPM)	0045	4,650.0	120.00	4,034.7	409.51	161.48	20	1.50	8%	0
037.43	Zinc, ICP, Microwave (PPM)	0510	3,630.0	20.000	4,072.2	333.17	91.571	10	-1.33	5%	0
037.43	Zinc, ICP, Microwave (PPM)	0508	3,663.1	252.00	4,072.2	333.17	91.571	10	-1.23	5%	0
037.43	Zinc, ICP, Microwave (PPM)	0294	3,862.5	30.150	4,072.2	333.17	91.571	10	-0.63	3%	0
037.43	Zinc, ICP, Microwave (PPM)	0026	3,987.5	85.000	4,072.2	333.17	91.571	10	-0.25	1%	0
037.43	Zinc, ICP, Microwave (PPM)	0042	4,065.0	112.00	4,072.2	333.17	91.571	10	-0.02	0%	0
037.43	Zinc, ICP, Microwave (PPM)	0353	4,095.5	99.000	4,072.2	333.17	91.571	10	0.07	0%	0
037.43	Zinc, ICP, Microwave (PPM)	0619	4,243.0	34.000	4,072.2	333.17	91.571	10	0.51	2%	0
037.43	Zinc, ICP, Microwave (PPM)	0297	4,297.5	79.000	4,072.2	333.17	91.571	10	0.68	3%	0
037.43	Zinc, ICP, Microwave (PPM)	0675	4,358.4	53.260	4,072.2	333.17	91.571	10	0.86	4%	0
037.43	Zinc, ICP, Microwave (PPM)	0121	4,519.9	151.30	4,072.2	333.17	91.571	10	1.34	5%	0
037.43	Zinc, ICP, Microwave (PPM)	0169	4,365.0	590.00	4,072.2	333.17	91.571	10	0.88	4%	1
037.52	Zinc, ICP-MS, Open vessel (PPM)	0154	3,589.4	591.53			591.53	1			
037.53	Zinc, ICP-MS, Microwave (PPM)	0912	5,200.0	2,400.0			2,400.0	1			
037.99	Zinc, Miscellaneous (PPM)	0889	3,153.5	47.000	3,626.8	669.28	23.500	2	-0.71	7%	0
037.99	Zinc, Miscellaneous (PPM)	0673	4,100.0	0.00000	3,626.8	669.28	23.500	2	0.71	7%	0
038.41	Molybdenum, ICP, Dry ash (PPM)	0208	0.53000	1.0600	5.5935	4.6627	1.1600	3	-1.09	45%	0
038.41	Molybdenum, ICP, Dry ash (PPM)	0011	6.5405	0.04000	5.5935	4.6627	1.1600	3	0.20	8%	0
038.41	Molybdenum, ICP, Dry ash (PPM)	0029	9.7100	2.3800	5.5935	4.6627	1.1600	3	0.88	37%	0
038.42	Molybdenum, ICP, Open vessel (PPM)	0106	2.3900	0.04000	9.1026	4.9007	1.2833	4	-1.37	37%	0
038.42	Molybdenum, ICP, Open vessel (PPM)	0021	9.5855	0.58300	9.1026	4.9007	1.2833	4	0.10	3%	0
038.42	Molybdenum, ICP, Open vessel (PPM)	0560	10.300	0.40000	9.1026	4.9007	1.2833	4	0.24	7%	0

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038.42	Molybdenum, ICP, Open vessel (PPM)	0278	14.135	4.1100	9.1026	4.9007	1.2833	4	1.03	28%	0
038.43	Molybdenum, ICP, Microwave (PPM)	0169	5.6100	0.46000	7.9400	1.8974	0.26000	4	-1.23	15%	0
038.43	Molybdenum, ICP, Microwave (PPM)	0353	7.3000	0.38000	7.9400	1.8974	0.26000	4	-0.34	4%	0
038.43	Molybdenum, ICP, Microwave (PPM)	0508	8.9000	0.10000	7.9400	1.8974	0.26000	4	0.51	6%	0
038.43	Molybdenum, ICP, Microwave (PPM)	0510	9.9500	0.10000	7.9400	1.8974	0.26000	4	1.06	13%	0
038.52	Molybdenum, ICP-MS, Open vessel (PPM)	0154	8.5835	0.43300			0.43300	1			
038.53	Molybdenum, ICP-MS, Microwave (PPM)	0912	9.2150	1.1100			1.1100	1			
039.31	Nickel, AAS, Dry ash (PPM)	0670	16.650	0.50000			0.50000	1			
039.41	Nickel, ICP, Dry ash (PPM)	0011	14.610	0.13400			0.13400	1			
039.42	Nickel, ICP, Open vessel (PPM)	0021	18.925	0.93000	26.363	10.518	1.6650	2	-0.71	14%	0
039.42	Nickel, ICP, Open vessel (PPM)	0560	33.800	2.4000	26.363	10.518	1.6650	2	0.71	14%	0
039.52	Nickel, ICP-MS, Open vessel (PPM)	0154	11.223	0.82800			0.82800	1			
039.53	Nickel, ICP-MS, Microwave (PPM)	0912	11.450	0.70000			0.70000	1			
040.42	Barium, ICP, Open vessel (PPM)	0560	7.9200	0.02000			0.02000	1			
040.43	Barium, ICP, Microwave (PPM)	0508	8.1300	1.5000			1.5000	1			
041.42	Vanadium, ICP, Open vessel (PPM)	0021	31.035	0.45000			0.45000	1			
041.43	Vanadium, ICP, Microwave (PPM)	0508	28.230	3.4200			3.4200	1			
065.00	Monensin, Plate (g/Ton)	0027	1,062.6	27.600	1,087.5	39.019	55.200	3	-0.64	1%	0
065.00	Monensin, Plate (g/Ton)	0029	1,067.5	137.00	1,087.5	39.019	55.200	3	-0.51	1%	0
065.00	Monensin, Plate (g/Ton)	0035	1,132.5	1.0000	1,087.5	39.019	55.200	3	1.15	2%	0
065.01	Monensin, Turbid (g/Ton)	0027	971.20	48.400	1,066.6	134.92	32.200	2	-0.71	4%	0
065.01	Monensin, Turbid (g/Ton)	0036	1,162.0	16.000	1,066.6	134.92	32.200	2	0.71	4%	0
065.03	Monensin, HPLC (g/Ton)	0910	1,065.5	11.790	1,201.5	104.15	8.9738	8	-1.31	6%	0
065.03	Monensin, HPLC (g/Ton)	0032	1,078.0	4.0000	1,201.5	104.15	8.9738	8	-1.19	5%	0
065.03	Monensin, HPLC (g/Ton)	0001	1,182.5	29.000	1,201.5	104.15	8.9738	8	-0.18	1%	0
065.03	Monensin, HPLC (g/Ton)	0619	1,200.0	0.00000	1,201.5	104.15	8.9738	8	-0.01	0%	0
065.03	Monensin, HPLC (g/Ton)	0668	1,221.5	7.0000	1,201.5	104.15	8.9738	8	0.19	1%	0
065.03	Monensin, HPLC (g/Ton)	0148	1,239.2	2.0000	1,201.5	104.15	8.9738	8	0.36	2%	0
065.03	Monensin, HPLC (g/Ton)	0610	1,310.0	14.000	1,201.5	104.15	8.9738	8	1.04	5%	0
065.03	Monensin, HPLC (g/Ton)	0905	1,312.0	4.0000	1,201.5	104.15	8.9738	8	1.06	5%	0
065.04	Monensin, LC-PCD (g/Ton)	0006	1,070.0	56.000	1,121.1	45.076	25.150	4	-1.13	2%	0
065.04	Monensin, LC-PCD (g/Ton)	0218	1,110.3	22.600	1,121.1	45.076	25.150	4	-0.24	0%	0
065.04	Monensin, LC-PCD (g/Ton)	0888	1,125.0	10.000	1,121.1	45.076	25.150	4	0.09	0%	0
065.04	Monensin, LC-PCD (g/Ton)	0866	1,179.0	12.000	1,121.1	45.076	25.150	4	1.29	3%	0
065.99	Monensin, Miscellaneous (g/Ton)	0668	1,115.0	50.000	1,146.5	27.372	51.000	3	-1.15	1%	0
065.99	Monensin, Miscellaneous (g/Ton)	0010	1,160.0	40.000	1,146.5	27.372	51.000	3	0.49	1%	0
065.99	Monensin, Miscellaneous (g/Ton)	0553	1,164.5	63.000	1,146.5	27.372	51.000	3	0.66	1%	0
101.99	Choline Chloride, Miscellaneous (mg/LB)	0208	350.94	32.688			32.688	1			
102.01	Niacin, Micro (PCT)	0208	7.6272	0.27240			0.27240	1			
103.01	Pantothenic Acid, Microbiological (mg/LB)	0208	2.4698	0.70830			0.70830	1			
104.00	Riboflavin, Fluorometric (mg/LB)	0208	0.00000	0.00000			0.00000	1			
105.01	Thiamine, (mg/LB)	0208	0.00000	0.00000			0.00000	1			

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106.00	Vitamin A, Color (KU/LB)	0029	428.11	62.122	435.80	10.884	39.561	2	-0.71	1%	0
106.00	Vitamin A, Color (KU/LB)	0171	443.50	17.000	435.80	10.884	39.561	2	0.71	1%	0
106.01	Vitamin A, UV (KU/LB)	0098	512.00	8.0000			8.0000	1			
106.02	Vitamin A, HPLC (KU/LB)	0121	153.45	1.8300	449.53	91.189	16.687	23	-3.25	33%	0
106.02	Vitamin A, HPLC (KU/LB)	0676	300.45	40.300	449.53	91.189	16.687	23	-1.63	17%	0
106.02	Vitamin A, HPLC (KU/LB)	0199	346.00	6.0000	449.53	91.189	16.687	23	-1.14	12%	0
106.02	Vitamin A, HPLC (KU/LB)	0003	372.85	12.338	449.53	91.189	16.687	23	-0.84	9%	0
106.02	Vitamin A, HPLC (KU/LB)	0638	387.51	0.00000	449.53	91.189	16.687	23	-0.68	7%	0
106.02	Vitamin A, HPLC (KU/LB)	0910	389.12	12.380	449.53	91.189	16.687	23	-0.66	7%	0
106.02	Vitamin A, HPLC (KU/LB)	0689	392.40	18.400	449.53	91.189	16.687	23	-0.63	6%	0
106.02	Vitamin A, HPLC (KU/LB)	0610	398.03	15.870	449.53	91.189	16.687	23	-0.56	6%	0
106.02	Vitamin A, HPLC (KU/LB)	0208	404.50	7.0000	449.53	91.189	16.687	23	-0.49	5%	0
106.02	Vitamin A, HPLC (KU/LB)	0004	423.81	13.170	449.53	91.189	16.687	23	-0.28	3%	0
106.02	Vitamin A, HPLC (KU/LB)	0008	425.50	33.000	449.53	91.189	16.687	23	-0.26	3%	0
106.02	Vitamin A, HPLC (KU/LB)	0227	444.00	40.000	449.53	91.189	16.687	23	-0.06	1%	0
106.02	Vitamin A, HPLC (KU/LB)	0010	467.00	48.000	449.53	91.189	16.687	23	0.19	2%	0
106.02	Vitamin A, HPLC (KU/LB)	0035	467.07	3.8800	449.53	91.189	16.687	23	0.19	2%	0
106.02	Vitamin A, HPLC (KU/LB)	0848	487.00	2.0000	449.53	91.189	16.687	23	0.41	4%	0
106.02	Vitamin A, HPLC (KU/LB)	0723	505.05	0.30000	449.53	91.189	16.687	23	0.61	6%	0
106.02	Vitamin A, HPLC (KU/LB)	0914	514.30	17.620	449.53	91.189	16.687	23	0.71	7%	0
106.02	Vitamin A, HPLC (KU/LB)	0014	521.80	0.60000	449.53	91.189	16.687	23	0.79	8%	0
106.02	Vitamin A, HPLC (KU/LB)	0160	522.35	36.910	449.53	91.189	16.687	23	0.80	8%	0
106.02	Vitamin A, HPLC (KU/LB)	0169	530.00	8.0000	449.53	91.189	16.687	23	0.88	9%	0
106.02	Vitamin A, HPLC (KU/LB)	0512	555.80	20.400	449.53	91.189	16.687	23	1.17	12%	0
106.02	Vitamin A, HPLC (KU/LB)	0905	697.70	44.806	449.53	91.189	16.687	23	2.72	28%	0
106.02	Vitamin A, HPLC (KU/LB)	0675	798.50	1.0000	449.53	91.189	16.687	23	3.83	39%	0
106.02	Vitamin A, HPLC (KU/LB)	0861	338.60	110.00	449.53	91.189	16.687	23	-1.22	12%	1
107.00	Vitamin B12, (mcg/LB)	0208	0.00000	0.00000			0.00000	1			
108.01	Vitamin D3, HPLC (KU/LB)	0227	115.00	2.0000	146.50	34.275	6.3333	3	-0.92	11%	0
108.01	Vitamin D3, HPLC (KU/LB)	0098	141.50	9.0000	146.50	34.275	6.3333	3	-0.15	2%	0
108.01	Vitamin D3, HPLC (KU/LB)	0171	183.00	8.0000	146.50	34.275	6.3333	3	1.06	12%	0
108.02	Vitamin D3, HPLC (KU/LB)	0208	101.70	4.5400	108.96	6.7058	6.5280	5	-1.08	3%	0
108.02	Vitamin D3, HPLC (KU/LB)	0169	105.00	0.00000	108.96	6.7058	6.5280	5	-0.59	2%	0
108.02	Vitamin D3, HPLC (KU/LB)	0676	106.10	1.4000	108.96	6.7058	6.5280	5	-0.43	1%	0
108.02	Vitamin D3, HPLC (KU/LB)	0160	114.53	23.170	108.96	6.7058	6.5280	5	0.83	3%	0
108.02	Vitamin D3, HPLC (KU/LB)	0675	117.47	3.5300	108.96	6.7058	6.5280	5	1.27	4%	0
109.00	Vitamin E, (mg/KG)	0171	7,575.0	50.000			50.000	1			
109.02	Vitamin E, HPLC (mg/KG)	0676	1,978.5	225.80	7,476.9	837.38	199.26	16	-6.57	37%	0
109.02	Vitamin E, HPLC (mg/KG)	0199	5,383.5	47.000	7,476.9	837.38	199.26	16	-2.50	14%	0
109.02	Vitamin E, HPLC (mg/KG)	0208	6,004.0	819.97	7,476.9	837.38	199.26	16	-1.76	10%	0
109.02	Vitamin E, HPLC (mg/KG)	0905	6,036.0	82.000	7,476.9	837.38	199.26	16	-1.72	10%	0
109.02	Vitamin E, HPLC (mg/KG)	0638	6,818.2	0.00000	7,476.9	837.38	199.26	16	-0.79	4%	0

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109.02	Vitamin E, HPLC (mg/KG)	0227	7,410.0	660.00	7,476.9	837.38	199.26	16	-0.08	0%	0
109.02	Vitamin E, HPLC (mg/KG)	0679	7,411.0	34.000	7,476.9	837.38	199.26	16	-0.08	0%	0
109.02	Vitamin E, HPLC (mg/KG)	0008	7,542.5	157.00	7,476.9	837.38	199.26	16	0.08	0%	0
109.02	Vitamin E, HPLC (mg/KG)	0689	7,734.5	31.000	7,476.9	837.38	199.26	16	0.31	2%	0
109.02	Vitamin E, HPLC (mg/KG)	0848	7,776.5	187.00	7,476.9	837.38	199.26	16	0.36	2%	0
109.02	Vitamin E, HPLC (mg/KG)	0675	8,060.9	50.950	7,476.9	837.38	199.26	16	0.70	4%	0
109.02	Vitamin E, HPLC (mg/KG)	0098	8,088.0	176.00	7,476.9	837.38	199.26	16	0.73	4%	0
109.02	Vitamin E, HPLC (mg/KG)	0723	8,170.0	100.34	7,476.9	837.38	199.26	16	0.83	5%	0
109.02	Vitamin E, HPLC (mg/KG)	0910	8,189.5	185.00	7,476.9	837.38	199.26	16	0.85	5%	0
109.02	Vitamin E, HPLC (mg/KG)	0610	8,250.0	140.00	7,476.9	837.38	199.26	16	0.92	5%	0
109.02	Vitamin E, HPLC (mg/KG)	0160	8,440.7	292.11	7,476.9	837.38	199.26	16	1.15	6%	0
109.02	Vitamin E, HPLC (mg/KG)	0169	10,790	3,108.0	7,476.9	837.38	199.26	16	3.96	22%	1
112.00	Pyridoxine, Vitamin B6 (mcg/G)	0208	0.75050	0.07100			0.07100	1			
114.01	Biotin, Microbiological (mg/Kg)	0208	0.06000	0.00000			0.00000	1			
120.00	Alanine, Post-col Ninhydrin Der (PCT)	0859	0.36300	0.00200	0.36450	0.00212	0.00600	2	-0.71	0%	0
120.00	Alanine, Post-col Ninhydrin Der (PCT)	0872	0.36600	0.01000	0.36450	0.00212	0.00600	2	0.71	0%	0
121.00	Arginine, Post-col Ninhydrin Der (PCT)	0859	0.26000	0.00400	0.26050	0.00071	0.00300	2	-0.71	0%	0
121.00	Arginine, Post-col Ninhydrin Der (PCT)	0872	0.26100	0.00200	0.26050	0.00071	0.00300	2	0.71	0%	0
121.01	Arginine, Pre-col OPA Der (PCT)	0297	0.26200	0.00200			0.00200	1			
122.00	Aspartic, Post-col Ninhydrin Der (PCT)	0859	0.35500	0.00600	0.35700	0.00283	0.00500	2	-0.71	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (PCT)	0872	0.35900	0.00400	0.35700	0.00283	0.00500	2	0.71	0%	0
122.01	Aspartic, Pre-col OPA Der (PCT)	0297	0.36150	0.00700			0.00700	1			
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (PCT)	0859	0.09500	0.00200	0.09725	0.00318	0.00150	2	-0.71	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (PCT)	0872	0.09950	0.00100	0.09725	0.00318	0.00150	2	0.71	1%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (PCT)	0297	0.09350	0.00100			0.00100	1			
125.00	Glutamic, Post-col Ninhydrin Der (PCT)	0859	0.87750	0.00500	0.88825	0.01520	0.00550	2	-0.71	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (PCT)	0872	0.89900	0.00600	0.88825	0.01520	0.00550	2	0.71	1%	0
125.01	Glutamic, Pre-col OPA Der (PCT)	0297	0.92100	0.00800			0.00800	1			
126.00	Glycine, Post-col Ninhydrin Der (PCT)	0859	0.23250	0.00300	0.23650	0.00566	0.00500	2	-0.71	1%	0
126.00	Glycine, Post-col Ninhydrin Der (PCT)	0872	0.24050	0.00700	0.23650	0.00566	0.00500	2	0.71	1%	0
126.01	Glycine, Pre-col OPA Der (PCT)	0297	0.25450	0.00100			0.00100	1			
127.00	Histidine, Post-col Ninhydrin Der (PCT)	0859	0.12000	0.00000	0.13025	0.01450	0.00050	2	-0.71	4%	0
127.00	Histidine, Post-col Ninhydrin Der (PCT)	0872	0.14050	0.00100	0.13025	0.01450	0.00050	2	0.71	4%	0
127.01	Histidine, Pre-col OPA Der (PCT)	0297	0.16050	0.00100			0.00100	1			
128.00	Isoleucine, Post-col Ninhydrin Der (PCT)	0859	0.17750	0.00500	0.18350	0.00849	0.00600	2	-0.71	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (PCT)	0872	0.18950	0.00700	0.18350	0.00849	0.00600	2	0.71	2%	0
128.01	Isoleucine, Pre-col OPA Der (PCT)	0297	0.19650	0.00100			0.00100	1			
129.00	Leucine, Post-col Ninhydrin Der (PCT)	0859	0.54300	0.00400	0.55725	0.02015	0.00550	2	-0.71	1%	0
129.00	Leucine, Post-col Ninhydrin Der (PCT)	0872	0.57150	0.00700	0.55725	0.02015	0.00550	2	0.71	1%	0
129.01	Leucine, Pre-col OPA Der (PCT)	0297	0.55950	0.00500			0.00500	1			
130.00	L-Lysine, Post-col Ninhydrin Der (PCT)	0859	0.15200	0.00200	0.15775	0.00813	0.00250	2	-0.71	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (PCT)	0872	0.16350	0.00300	0.15775	0.00813	0.00250	2	0.71	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
130.01	L-Lysine, Pre-col OPA Der (PCT)	0297	0.13650	0.00100			0.00100	1			
131.00	Methionine, PAO Post-col Ninhydrin Der (PCT)	0859	0.09500	0.00000	0.10200	0.00990	0.00200	2	-0.71	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (PCT)	0872	0.10900	0.00400	0.10200	0.00990	0.00200	2	0.71	3%	0
131.01	Methionine, PAO Pre-col OPA Der (PCT)	0297	0.09850	0.00100			0.00100	1			
132.00	Phenylalanine, Post-col Ninhydrin Der (PCT)	0872	0.24650	0.00100	0.24975	0.00460	0.00150	2	-0.71	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (PCT)	0859	0.25300	0.00200	0.24975	0.00460	0.00150	2	0.71	1%	0
132.01	Phenylalanine, Pre-col OPA Der (PCT)	0297	0.23950	0.00300			0.00300	1			
133.00	Proline, Post-col Ninhydrin Der (PCT)	0859	0.40500	0.01000	0.40900	0.00566	0.01300	2	-0.71	0%	0
133.00	Proline, Post-col Ninhydrin Der (PCT)	0872	0.41300	0.01600	0.40900	0.00566	0.01300	2	0.71	0%	0
134.00	Serine, Post-col Ninhydrin Der (PCT)	0872	0.24300	0.00600	0.25150	0.01202	0.00400	2	-0.71	2%	0
134.00	Serine, Post-col Ninhydrin Der (PCT)	0859	0.26000	0.00200	0.25150	0.01202	0.00400	2	0.71	2%	0
134.01	Serine, Pre-col OPA Der (PCT)	0297	0.26900	0.00400			0.00400	1			
135.00	Threonine, Post-col Ninhydrin Der (PCT)	0872	0.19800	0.00400	0.19975	0.00247	0.00450	2	-0.71	0%	0
135.00	Threonine, Post-col Ninhydrin Der (PCT)	0859	0.20150	0.00500	0.19975	0.00247	0.00450	2	0.71	0%	0
135.01	Threonine, Pre-col OPA Der (PCT)	0297	0.19550	0.00300			0.00300	1			
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (PCT)	0859	0.03800	0.00000			0.00000	1			
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (PCT)	0297	0.02900	0.00000			0.00000	1			
137.00	Tyrosine, Post-col Ninhydrin Der (PCT)	0872	0.19950	0.00300			0.00300	1			
137.01	Tyrosine, Pre-col OPA Der (PCT)	0297	0.19200	0.00400			0.00400	1			
138.00	Valine, Post-col Ninhydrin Der (PCT)	0859	0.23450	0.00300	0.25825	0.03359	0.00250	2	-0.71	5%	0
138.00	Valine, Post-col Ninhydrin Der (PCT)	0872	0.28200	0.00200	0.25825	0.03359	0.00250	2	0.71	5%	0
138.01	Valine, Pre-col OPA Der (PCT)	0297	0.29100	0.00200			0.00200	1			
141.00	Methionine Free, LC-PCD (PCT)	0859	0.00300	0.00000			0.00000	1			