

# AAFCO Check Sample Program

## All Labs and All Methods Report

### Sort by Method

### Proficiency For Individual Methods

Sample # 201030

Swine Nursery vitamin/mineral premix, Medicated



# AAFCO

Association of American Feed Control Officials

Method Code	Analyte Name and Method	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	0278	0.80000	0.00000			0.00000	1			
001.00	Loss on Drying, Vac 95 deg 5 hr	0560	4.4700	0.00000	5.2308	0.20990	0.07557	6	-3.62	7%	0
001.00	Loss on Drying, Vac 95 deg 5 hr	0309	5.1450	0.19000	5.2308	0.20990	0.07557	6	-0.41	1%	0
001.00	Loss on Drying, Vac 95 deg 5 hr	0861	5.1700	0.06000	5.2308	0.20990	0.07557	6	-0.29	1%	0
001.00	Loss on Drying, Vac 95 deg 5 hr	0169	5.2600	0.08000	5.2308	0.20990	0.07557	6	0.14	0%	0
001.00	Loss on Drying, Vac 95 deg 5 hr	0844	5.3800	0.10000	5.2308	0.20990	0.07557	6	0.71	1%	0
001.00	Loss on Drying, Vac 95 deg 5 hr	0722	5.9420	0.02340	5.2308	0.20990	0.07557	6	3.39	7%	0
001.03	Loss on Drying, Low temp. methods	0679	5.1000	0.00000	5.3083	0.21808	0.04333	3	-0.96	2%	0
001.03	Loss on Drying, Low temp. methods	0878	5.2900	0.06000	5.3083	0.21808	0.04333	3	-0.08	0%	0
001.03	Loss on Drying, Low temp. methods	0868	5.5350	0.07000	5.3083	0.21808	0.04333	3	1.04	2%	0
001.05	Loss on Drying, LECO	0610	5.1950	0.01000			0.01000	1			
001.07	Loss on Drying, 104 deg 3 hr, in malt	0353	4.6350	0.09000	5.2120	0.25090	0.07975	20	-2.30	6%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0609	4.7000	0.00000	5.2120	0.25090	0.07975	20	-2.04	5%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0693	4.7550	0.17000	5.2120	0.25090	0.07975	20	-1.82	4%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0171	4.9550	0.13000	5.2120	0.25090	0.07975	20	-1.02	2%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0038	5.0000	0.40000	5.2120	0.25090	0.07975	20	-0.84	2%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0843	5.0100	0.14000	5.2120	0.25090	0.07975	20	-0.80	2%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0849	5.1000	0.10000	5.2120	0.25090	0.07975	20	-0.45	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0297	5.1850	0.03000	5.2120	0.25090	0.07975	20	-0.11	0%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0049	5.2450	0.09000	5.2120	0.25090	0.07975	20	0.13	0%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0065	5.2475	0.00500	5.2120	0.25090	0.07975	20	0.14	0%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0083	5.2500	0.10000	5.2120	0.25090	0.07975	20	0.15	0%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0098	5.3000	0.00000	5.2120	0.25090	0.07975	20	0.35	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0413	5.3000	0.00000	5.2120	0.25090	0.07975	20	0.35	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0035	5.3100	0.00000	5.2120	0.25090	0.07975	20	0.39	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0187	5.3350	0.03000	5.2120	0.25090	0.07975	20	0.49	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0199	5.3350	0.03000	5.2120	0.25090	0.07975	20	0.49	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0872	5.4350	0.05000	5.2120	0.25090	0.07975	20	0.89	2%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0695	5.4800	0.02000	5.2120	0.25090	0.07975	20	1.07	3%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0559	5.5350	0.01000	5.2120	0.25090	0.07975	20	1.29	3%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0142	6.3000	0.20000	5.2120	0.25090	0.07975	20	4.34	10%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	0366	5.4000	1.0000	5.2120	0.25090	0.07975	20	0.75	2%	1
001.07	Loss on Drying, 104 deg 3 hr, in malt	0045	6.4600	1.0000	5.2120	0.25090	0.07975	20	4.97	12%	1

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001.07	Loss on Drying, 104 deg 3 hr, in malt	0278	94.545	0.09000	5.2120	0.25090	0.07975	20	356.05	857%	2
001.99	Loss on Drying, Miscellaneous	0510	4.9500	0.10000	5.2460	0.16685	0.04222	9	-1.77	3%	0
001.99	Loss on Drying, Miscellaneous	0853	4.9500	0.02000	5.2460	0.16685	0.04222	9	-1.77	3%	0
001.99	Loss on Drying, Miscellaneous	0037	5.1450	0.01000	5.2460	0.16685	0.04222	9	-0.61	1%	0
001.99	Loss on Drying, Miscellaneous	0720	5.1850	0.03000	5.2460	0.16685	0.04222	9	-0.37	1%	0
001.99	Loss on Drying, Miscellaneous	0619	5.2900	0.02000	5.2460	0.16685	0.04222	9	0.26	0%	0
001.99	Loss on Drying, Miscellaneous	0616	5.2950	0.05000	5.2460	0.16685	0.04222	9	0.29	0%	0
001.99	Loss on Drying, Miscellaneous	0889	5.3250	0.11000	5.2460	0.16685	0.04222	9	0.47	1%	0
001.99	Loss on Drying, Miscellaneous	0357	5.3650	0.03000	5.2460	0.16685	0.04222	9	0.71	1%	0
001.99	Loss on Drying, Miscellaneous	0630	5.6950	0.01000	5.2460	0.16685	0.04222	9	2.69	4%	0
001.99	Loss on Drying, Miscellaneous	0676	5.2530	0.35600	5.2460	0.16685	0.04222	9	0.04	0%	1
002.00	Protein, Crude	0679	5.5200	0.10000			0.10000	1			
002.01	Protein, Auto Kjel-Foss	0889	4.8050	0.15000	4.9217	0.12887	0.18333	3	-0.91	1%	0
002.01	Protein, Auto Kjel-Foss	0652	4.9000	0.20000	4.9217	0.12887	0.18333	3	-0.17	0%	0
002.01	Protein, Auto Kjel-Foss	0716	5.0600	0.20000	4.9217	0.12887	0.18333	3	1.07	1%	0
002.02	Protein, Semiauto Autoanalyzer	0169	2.8150	0.21000			0.21000	1			
002.04	Protein, Copper Cat	0187	4.6350	0.03000	5.3650	0.51256	0.13000	4	-1.42	7%	0
002.04	Protein, Copper Cat	0868	5.4400	0.12000	5.3650	0.51256	0.13000	4	0.15	1%	0
002.04	Protein, Copper Cat	0405	5.5600	0.16000	5.3650	0.51256	0.13000	4	0.38	2%	0
002.04	Protein, Copper Cat	0874	5.8250	0.21000	5.3650	0.51256	0.13000	4	0.90	4%	0
002.05	Protein, Copper, Boric Acid	0401	0.49000	0.04000	4.9845	0.53018	0.04369	8	-8.48	45%	0
002.05	Protein, Copper, Boric Acid	0871	4.6700	0.04000	4.9845	0.53018	0.04369	8	-0.59	3%	0
002.05	Protein, Copper, Boric Acid	0722	4.7107	0.00170	4.9845	0.53018	0.04369	8	-0.52	3%	0
002.05	Protein, Copper, Boric Acid	0199	4.7150	0.01000	4.9845	0.53018	0.04369	8	-0.51	3%	0
002.05	Protein, Copper, Boric Acid	0849	5.1800	0.00000	4.9845	0.53018	0.04369	8	0.37	2%	0
002.05	Protein, Copper, Boric Acid	0674	5.3050	0.01000	4.9845	0.53018	0.04369	8	0.60	3%	0
002.05	Protein, Copper, Boric Acid	0879	5.5000	0.20000	4.9845	0.53018	0.04369	8	0.97	5%	0
002.05	Protein, Copper, Boric Acid	0622	5.5541	0.04780	4.9845	0.53018	0.04369	8	1.07	6%	0
002.05	Protein, Copper, Boric Acid	0870	4.9500	0.40000	4.9845	0.53018	0.04369	8	-0.07	0%	1
002.06	Protein, Combustion Nitrogen Analyzer	0882	4.3495	0.12500	5.3845	0.18675	0.07838	44	-5.54	10%	0
002.06	Protein, Combustion Nitrogen Analyzer	0407	4.7500	0.04000	5.3845	0.18675	0.07838	44	-3.40	6%	0
002.06	Protein, Combustion Nitrogen Analyzer	0859	4.9305	0.00700	5.3845	0.18675	0.07838	44	-2.43	4%	0
002.06	Protein, Combustion Nitrogen Analyzer	0720	4.9950	0.39000	5.3845	0.18675	0.07838	44	-2.09	4%	0
002.06	Protein, Combustion Nitrogen Analyzer	0358	5.1300	0.14000	5.3845	0.18675	0.07838	44	-1.36	2%	0
002.06	Protein, Combustion Nitrogen Analyzer	0616	5.1650	0.03000	5.3845	0.18675	0.07838	44	-1.18	2%	0
002.06	Protein, Combustion Nitrogen Analyzer	0205	5.1800	0.04000	5.3845	0.18675	0.07838	44	-1.09	2%	0
002.06	Protein, Combustion Nitrogen Analyzer	0676	5.2230	0.08400	5.3845	0.18675	0.07838	44	-0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0297	5.2300	0.02000	5.3845	0.18675	0.07838	44	-0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0278	5.2500	0.10000	5.3845	0.18675	0.07838	44	-0.72	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0199	5.2650	0.05000	5.3845	0.18675	0.07838	44	-0.64	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0630	5.2650	0.03000	5.3845	0.18675	0.07838	44	-0.64	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0674	5.2700	0.22000	5.3845	0.18675	0.07838	44	-0.61	1%	0

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002.06	Protein, Combustion Nitrogen Analyzer	0357	5.2800	0.06000	5.3845	0.18675	0.07838	44	-0.56	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0693	5.3100	0.08000	5.3845	0.18675	0.07838	44	-0.40	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0520	5.3200	0.12000	5.3845	0.18675	0.07838	44	-0.35	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0843	5.3250	0.01000	5.3845	0.18675	0.07838	44	-0.32	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0589	5.3500	0.04000	5.3845	0.18675	0.07838	44	-0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer	0108	5.3550	0.09000	5.3845	0.18675	0.07838	44	-0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer	0559	5.3700	0.16000	5.3845	0.18675	0.07838	44	-0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer	0712	5.3900	0.18000	5.3845	0.18675	0.07838	44	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer	0673	5.4000	0.00000	5.3845	0.18675	0.07838	44	0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer	0122	5.4010	0.24800	5.3845	0.18675	0.07838	44	0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer	0038	5.4100	0.06000	5.3845	0.18675	0.07838	44	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer	0529	5.4150	0.15000	5.3845	0.18675	0.07838	44	0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer	0692	5.4150	0.01000	5.3845	0.18675	0.07838	44	0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer	0609	5.4250	0.01000	5.3845	0.18675	0.07838	44	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer	0037	5.4350	0.01000	5.3845	0.18675	0.07838	44	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer	0541	5.4400	0.04000	5.3845	0.18675	0.07838	44	0.30	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0106	5.4400	0.08000	5.3845	0.18675	0.07838	44	0.30	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0142	5.5000	0.00000	5.3845	0.18675	0.07838	44	0.62	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0265	5.5000	0.20000	5.3845	0.18675	0.07838	44	0.62	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0563	5.5200	0.01360	5.3845	0.18675	0.07838	44	0.73	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0171	5.5250	0.05000	5.3845	0.18675	0.07838	44	0.75	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0872	5.5350	0.03000	5.3845	0.18675	0.07838	44	0.81	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0695	5.5400	0.02000	5.3845	0.18675	0.07838	44	0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0065	5.5406	0.02710	5.3845	0.18675	0.07838	44	0.84	1%	0
002.06	Protein, Combustion Nitrogen Analyzer	0670	5.5700	0.02000	5.3845	0.18675	0.07838	44	0.99	2%	0
002.06	Protein, Combustion Nitrogen Analyzer	0682	5.5800	0.16000	5.3845	0.18675	0.07838	44	1.05	2%	0
002.06	Protein, Combustion Nitrogen Analyzer	0650	5.5950	0.13000	5.3845	0.18675	0.07838	44	1.13	2%	0
002.06	Protein, Combustion Nitrogen Analyzer	0160	5.6350	0.02200	5.3845	0.18675	0.07838	44	1.34	2%	0
002.06	Protein, Combustion Nitrogen Analyzer	0417	5.8650	0.13000	5.3845	0.18675	0.07838	44	2.57	4%	0
002.06	Protein, Combustion Nitrogen Analyzer	0553	5.9190	0.02200	5.3845	0.18675	0.07838	44	2.86	5%	0
002.06	Protein, Combustion Nitrogen Analyzer	0294	18.600	0.00000	5.3845	0.18675	0.07838	44	70.77	123%	0
002.06	Protein, Combustion Nitrogen Analyzer	0866	5.0300	1.1400	5.3845	0.18675	0.07838	44	-1.90	3%	1
002.06	Protein, Combustion Nitrogen Analyzer	0168	41.860	0.10000	5.3845	0.18675	0.07838	44	195.32	339%	2
002.08	Protein, Cu/Ti	0062	4.9415	0.21300	5.2988	0.50523	0.14620	2	-0.71	3%	0
002.08	Protein, Cu/Ti	0563	5.6560	0.07940	5.2988	0.50523	0.14620	2	0.71	3%	0
002.10	Protein, Block dig/distillation	0861	5.3000	0.04000	5.4238	0.17501	0.09750	2	-0.71	1%	0
002.10	Protein, Block dig/distillation	0160	5.5475	0.15500	5.4238	0.17501	0.09750	2	0.71	1%	0
002.99	Protein, Miscellaneous	0643	5.5650	0.55000			0.55000	1			
003.00	Fat, Eth Ext., Direct	0616	1.7950	0.01000	2.5210	0.61662	0.04511	7	-1.18	14%	0
003.00	Fat, Eth Ext., Direct	0171	1.8850	0.07000	2.5210	0.61662	0.04511	7	-1.03	13%	0
003.00	Fat, Eth Ext., Direct	0297	2.4650	0.07000	2.5210	0.61662	0.04511	7	-0.09	1%	0
003.00	Fat, Eth Ext., Direct	0559	2.5350	0.01000	2.5210	0.61662	0.04511	7	0.02	0%	0

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003.00	Fat, Eth Ext., Direct	0309	2.6750	0.03000	2.5210	0.61662	0.04511	7	0.25	3%	0
003.00	Fat, Eth Ext., Direct	0106	3.0150	0.11000	2.5210	0.61662	0.04511	7	0.80	10%	0
003.00	Fat, Eth Ext., Direct	0065	3.2769	0.01580	2.5210	0.61662	0.04511	7	1.23	15%	0
003.00	Fat, Eth Ext., Direct	0142	1.3500	0.30000	2.5210	0.61662	0.04511	7	-1.90	23%	1
003.06	Fat, Pet Ether	0879	1.3350	0.29000	2.2982	0.76486	0.08250	9	-1.26	21%	0
003.06	Fat, Pet Ether	0294	1.5500	0.04000	2.2982	0.76486	0.08250	9	-0.98	16%	0
003.06	Fat, Pet Ether	0169	1.8300	0.10000	2.2982	0.76486	0.08250	9	-0.61	10%	0
003.06	Fat, Pet Ether	0870	2.1187	0.01250	2.2982	0.76486	0.08250	9	-0.23	4%	0
003.06	Fat, Pet Ether	0871	2.3700	0.06000	2.2982	0.76486	0.08250	9	0.09	2%	0
003.06	Fat, Pet Ether	0199	2.4300	0.02000	2.2982	0.76486	0.08250	9	0.17	3%	0
003.06	Fat, Pet Ether	0849	2.6400	0.04000	2.2982	0.76486	0.08250	9	0.45	7%	0
003.06	Fat, Pet Ether	0843	2.9650	0.15000	2.2982	0.76486	0.08250	9	0.87	15%	0
003.06	Fat, Pet Ether	0682	3.5050	0.03000	2.2982	0.76486	0.08250	9	1.58	26%	0
003.09	Fat, Soxtec, Eth Ext	0674	2.3900	0.00000	2.9813	0.42345	0.08750	4	-1.40	10%	0
003.09	Fat, Soxtec, Eth Ext	0358	2.9600	0.24000	2.9813	0.42345	0.08750	4	-0.05	0%	0
003.09	Fat, Soxtec, Eth Ext	0849	3.2750	0.11000	2.9813	0.42345	0.08750	4	0.69	5%	0
003.09	Fat, Soxtec, Eth Ext	0673	3.3000	0.00000	2.9813	0.42345	0.08750	4	0.75	5%	0
003.10	Fat, Soxtec, Pet Ether	0609	1.4500	0.08000	2.1555	0.45183	0.06300	13	-1.56	16%	0
003.10	Fat, Soxtec, Pet Ether	0613	1.6300	0.14000	2.1555	0.45183	0.06300	13	-1.16	12%	0
003.10	Fat, Soxtec, Pet Ether	0679	1.6750	0.01000	2.1555	0.45183	0.06300	13	-1.06	11%	0
003.10	Fat, Soxtec, Pet Ether	0861	1.6900	0.06000	2.1555	0.45183	0.06300	13	-1.03	11%	0
003.10	Fat, Soxtec, Pet Ether	0720	2.0700	0.04000	2.1555	0.45183	0.06300	13	-0.19	2%	0
003.10	Fat, Soxtec, Pet Ether	0160	2.0945	0.08300	2.1555	0.45183	0.06300	13	-0.13	1%	0
003.10	Fat, Soxtec, Pet Ether	0553	2.2250	0.07000	2.1555	0.45183	0.06300	13	0.15	2%	0
003.10	Fat, Soxtec, Pet Ether	0695	2.3100	0.10000	2.1555	0.45183	0.06300	13	0.34	4%	0
003.10	Fat, Soxtec, Pet Ether	0202	2.3500	0.08000	2.1555	0.45183	0.06300	13	0.43	5%	0
003.10	Fat, Soxtec, Pet Ether	0062	2.4880	0.03200	2.1555	0.45183	0.06300	13	0.74	8%	0
003.10	Fat, Soxtec, Pet Ether	0693	2.4950	0.01000	2.1555	0.45183	0.06300	13	0.75	8%	0
003.10	Fat, Soxtec, Pet Ether	0868	2.5500	0.06000	2.1555	0.45183	0.06300	13	0.87	9%	0
003.10	Fat, Soxtec, Pet Ether	0676	2.8190	0.05400	2.1555	0.45183	0.06300	13	1.47	15%	0
003.12	Fat, Hexane Ext	0357	2.0000	0.00000	2.5225	0.73893	0.01500	2	-0.71	10%	0
003.12	Fat, Hexane Ext	0670	3.0450	0.03000	2.5225	0.73893	0.01500	2	0.71	10%	0
003.13	Fat, Soxtec, Hexane Ext.	0205	2.2425	0.07300	2.5463	0.42957	0.07650	2	-0.71	6%	0
003.13	Fat, Soxtec, Hexane Ext.	0187	2.8500	0.08000	2.5463	0.42957	0.07650	2	0.71	6%	0
003.14	Fat, Ankom	0265	1.7000	0.80000	1.9650	0.22043	0.24714	7	-1.20	7%	0
003.14	Fat, Ankom	0407	1.7450	0.09000	1.9650	0.22043	0.24714	7	-1.00	6%	0
003.14	Fat, Ankom	0278	1.9500	0.10000	1.9650	0.22043	0.24714	7	-0.07	0%	0
003.14	Fat, Ankom	0529	1.9750	0.01000	1.9650	0.22043	0.24714	7	0.05	0%	0
003.14	Fat, Ankom	0108	2.0150	0.17000	1.9650	0.22043	0.24714	7	0.23	1%	0
003.14	Fat, Ankom	0853	2.1200	0.24000	1.9650	0.22043	0.24714	7	0.70	4%	0
003.14	Fat, Ankom	0520	2.2500	0.32000	1.9650	0.22043	0.24714	7	1.29	7%	0
003.99	Fat, Miscellaneous	0630	3.3950	0.01000	3.4050	0.01414	0.13000	2	-0.71	0%	0

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003.99	Fat, Miscellaneous	0712	3.4150	0.25000	3.4050	0.01414	0.13000	2	0.71	0%	0
004.00	Fiber, Crude Asbestos Free	0169	10.430	0.00000	12.400	1.3751	0.19429	7	-1.43	8%	0
004.00	Fiber, Crude Asbestos Free	0871	11.395	0.01000	12.400	1.3751	0.19429	7	-0.73	4%	0
004.00	Fiber, Crude Asbestos Free	0199	12.170	0.16000	12.400	1.3751	0.19429	7	-0.17	1%	0
004.00	Fiber, Crude Asbestos Free	0171	12.375	0.37000	12.400	1.3751	0.19429	7	-0.02	0%	0
004.00	Fiber, Crude Asbestos Free	0309	13.125	0.29000	12.400	1.3751	0.19429	7	0.53	3%	0
004.00	Fiber, Crude Asbestos Free	0559	13.325	0.03000	12.400	1.3751	0.19429	7	0.67	4%	0
004.00	Fiber, Crude Asbestos Free	0695	13.980	0.50000	12.400	1.3751	0.19429	7	1.15	6%	0
004.03	Fiber, Fritted Glass	0693	23.965	2.9100			2.9100	1			
004.06	Fiber, Fibertec	0868	10.265	0.45000	12.308	1.5159	0.26332	9	-1.35	8%	0
004.06	Fiber, Fibertec	0205	10.605	0.21000	12.308	1.5159	0.26332	9	-1.12	7%	0
004.06	Fiber, Fibertec	0866	11.510	0.02000	12.308	1.5159	0.26332	9	-0.53	3%	0
004.06	Fiber, Fibertec	0676	12.275	0.32600	12.308	1.5159	0.26332	9	-0.02	0%	0
004.06	Fiber, Fibertec	0609	12.380	0.40000	12.308	1.5159	0.26332	9	0.05	0%	0
004.06	Fiber, Fibertec	0613	12.525	0.37000	12.308	1.5159	0.26332	9	0.14	1%	0
004.06	Fiber, Fibertec	0673	12.650	0.10000	12.308	1.5159	0.26332	9	0.23	1%	0
004.06	Fiber, Fibertec	0670	14.065	0.21000	12.308	1.5159	0.26332	9	1.16	7%	0
004.06	Fiber, Fibertec	0722	24.682	0.28390	12.308	1.5159	0.26332	9	8.16	50%	0
004.07	Fiber, ANKOM	0643	11.915	0.31000	16.327	2.2633	0.64936	14	-1.95	14%	0
004.07	Fiber, ANKOM	0529	14.480	0.10000	16.327	2.2633	0.64936	14	-0.82	6%	0
004.07	Fiber, ANKOM	0849	14.515	0.15000	16.327	2.2633	0.64936	14	-0.80	6%	0
004.07	Fiber, ANKOM	0407	14.835	0.03000	16.327	2.2633	0.64936	14	-0.66	5%	0
004.07	Fiber, ANKOM	0278	15.100	1.4000	16.327	2.2633	0.64936	14	-0.54	4%	0
004.07	Fiber, ANKOM	0520	15.235	1.5700	16.327	2.2633	0.64936	14	-0.48	3%	0
004.07	Fiber, ANKOM	0861	15.510	2.4600	16.327	2.2633	0.64936	14	-0.36	3%	0
004.07	Fiber, ANKOM	0679	16.370	0.10000	16.327	2.2633	0.64936	14	0.02	0%	0
004.07	Fiber, ANKOM	0553	16.380	0.24000	16.327	2.2633	0.64936	14	0.02	0%	0
004.07	Fiber, ANKOM	0870	18.000	0.88500	16.327	2.2633	0.64936	14	0.74	5%	0
004.07	Fiber, ANKOM	0682	18.200	0.80000	16.327	2.2633	0.64936	14	0.83	6%	0
004.07	Fiber, ANKOM	0160	18.722	0.29600	16.327	2.2633	0.64936	14	1.06	7%	0
004.07	Fiber, ANKOM	0708	22.485	0.55000	16.327	2.2633	0.64936	14	2.72	19%	0
004.07	Fiber, ANKOM	0294	27.600	0.20000	16.327	2.2633	0.64936	14	4.98	35%	0
004.07	Fiber, ANKOM	0265	16.550	3.5000	16.327	2.2633	0.64936	14	0.10	1%	1
005.00	Ash,	0169	52.160	0.40000	56.941	0.66056	0.25431	54	-7.24	4%	0
005.00	Ash,	0021	52.850	0.70000	56.941	0.66056	0.25431	54	-6.19	4%	0
005.00	Ash,	0049	53.375	0.43000	56.941	0.66056	0.25431	54	-5.40	3%	0
005.00	Ash,	0194	55.195	0.03000	56.941	0.66056	0.25431	54	-2.64	2%	0
005.00	Ash,	0065	55.248	0.52500	56.941	0.66056	0.25431	54	-2.56	1%	0
005.00	Ash,	0853	55.475	0.11000	56.941	0.66056	0.25431	54	-2.22	1%	0
005.00	Ash,	0541	55.995	0.09000	56.941	0.66056	0.25431	54	-1.43	1%	0
005.00	Ash,	0089	56.075	0.01000	56.941	0.66056	0.25431	54	-1.31	1%	0
005.00	Ash,	0083	56.200	0.20000	56.941	0.66056	0.25431	54	-1.12	1%	0

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005.00	Ash,	0278	56.230	0.56000	56.941	0.66056	0.25431	54	-1.08	1%	0
005.00	Ash,	0609	56.260	0.34000	56.941	0.66056	0.25431	54	-1.03	1%	0
005.00	Ash,	0297	56.450	0.30000	56.941	0.66056	0.25431	54	-0.74	0%	0
005.00	Ash,	0160	56.455	0.12900	56.941	0.66056	0.25431	54	-0.74	0%	0
005.00	Ash,	0100	56.490	0.10000	56.941	0.66056	0.25431	54	-0.68	0%	0
005.00	Ash,	0407	56.500	0.10000	56.941	0.66056	0.25431	54	-0.67	0%	0
005.00	Ash,	0178	56.535	1.0900	56.941	0.66056	0.25431	54	-0.61	0%	0
005.00	Ash,	0520	56.555	0.07000	56.941	0.66056	0.25431	54	-0.58	0%	0
005.00	Ash,	0870	56.695	0.91110	56.941	0.66056	0.25431	54	-0.37	0%	0
005.00	Ash,	0689	56.755	0.09000	56.941	0.66056	0.25431	54	-0.28	0%	0
005.00	Ash,	0643	56.760	0.18000	56.941	0.66056	0.25431	54	-0.27	0%	0
005.00	Ash,	0199	56.810	0.14000	56.941	0.66056	0.25431	54	-0.20	0%	0
005.00	Ash,	0874	56.835	0.17000	56.941	0.66056	0.25431	54	-0.16	0%	0
005.00	Ash,	0889	56.840	0.36000	56.941	0.66056	0.25431	54	-0.15	0%	0
005.00	Ash,	0553	56.855	0.03000	56.941	0.66056	0.25431	54	-0.13	0%	0
005.00	Ash,	0682	56.865	0.39000	56.941	0.66056	0.25431	54	-0.11	0%	0
005.00	Ash,	0038	56.920	0.36000	56.941	0.66056	0.25431	54	-0.03	0%	0
005.00	Ash,	0138	56.925	0.15000	56.941	0.66056	0.25431	54	-0.02	0%	0
005.00	Ash,	0505	57.075	0.19000	56.941	0.66056	0.25431	54	0.20	0%	0
005.00	Ash,	0674	57.075	0.03000	56.941	0.66056	0.25431	54	0.20	0%	0
005.00	Ash,	0142	57.150	0.10000	56.941	0.66056	0.25431	54	0.32	0%	0
005.00	Ash,	0722	57.201	0.10140	56.941	0.66056	0.25431	54	0.39	0%	0
005.00	Ash,	0630	57.225	0.13000	56.941	0.66056	0.25431	54	0.43	0%	0
005.00	Ash,	0650	57.250	0.76000	56.941	0.66056	0.25431	54	0.47	0%	0
005.00	Ash,	0563	57.251	0.05650	56.941	0.66056	0.25431	54	0.47	0%	0
005.00	Ash,	0171	57.300	0.22000	56.941	0.66056	0.25431	54	0.54	0%	0
005.00	Ash,	0670	57.305	0.11000	56.941	0.66056	0.25431	54	0.55	0%	0
005.00	Ash,	0035	57.325	0.01000	56.941	0.66056	0.25431	54	0.58	0%	0
005.00	Ash,	0613	57.335	0.07000	56.941	0.66056	0.25431	54	0.60	0%	0
005.00	Ash,	0187	57.345	0.05000	56.941	0.66056	0.25431	54	0.61	0%	0
005.00	Ash,	0559	57.365	1.2900	56.941	0.66056	0.25431	54	0.64	0%	0
005.00	Ash,	0529	57.375	0.35000	56.941	0.66056	0.25431	54	0.66	0%	0
005.00	Ash,	0622	57.443	0.45850	56.941	0.66056	0.25431	54	0.76	0%	0
005.00	Ash,	0226	57.450	0.30000	56.941	0.66056	0.25431	54	0.77	0%	0
005.00	Ash,	0849	57.450	0.10000	56.941	0.66056	0.25431	54	0.77	0%	0
005.00	Ash,	0693	57.470	0.42000	56.941	0.66056	0.25431	54	0.80	0%	0
005.00	Ash,	0720	57.515	0.25000	56.941	0.66056	0.25431	54	0.87	1%	0
005.00	Ash,	0062	57.580	0.02200	56.941	0.66056	0.25431	54	0.97	1%	0
005.00	Ash,	0651	57.597	0.00700	56.941	0.66056	0.25431	54	0.99	1%	0
005.00	Ash,	0357	57.600	0.00000	56.941	0.66056	0.25431	54	1.00	1%	0
005.00	Ash,	0620	57.680	0.04000	56.941	0.66056	0.25431	54	1.12	1%	0
005.00	Ash,	0712	57.730	0.22000	56.941	0.66056	0.25431	54	1.19	1%	0

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005.00	Ash,	0309	57.855	0.01000	56.941	0.66056	0.25431	54	1.38	1%	0
005.00	Ash,	0265	58.000	0.40000	56.941	0.66056	0.25431	54	1.60	1%	0
005.00	Ash,	0658	58.015	0.07240	56.941	0.66056	0.25431	54	1.63	1%	0
005.00	Ash,	0417	53.435	2.4900	56.941	0.66056	0.25431	54	-5.31	3%	1
005.00	Ash,	0358	55.890	2.1000	56.941	0.66056	0.25431	54	-1.59	1%	1
005.00	Ash,	0108	5.7200	0.04000	56.941	0.66056	0.25431	54	-77.54	45%	2
005.02	Ash, LECO	0610	57.445	0.09000			0.09000	1			
005.03	Ash, Microwave furnace	0665	57.050	0.02000			0.02000	1			
005.05	Ash, 3h @ 550°C	0294	10.500	0.00000	57.430	0.86582	0.09340	10	-54.20	41%	0
005.05	Ash, 3h @ 550°C	0861	43.625	0.03000	57.430	0.86582	0.09340	10	-15.94	12%	0
005.05	Ash, 3h @ 550°C	0121	55.700	0.46000	57.430	0.86582	0.09340	10	-2.00	2%	0
005.05	Ash, 3h @ 550°C	0871	57.345	0.01000	57.430	0.86582	0.09340	10	-0.10	0%	0
005.05	Ash, 3h @ 550°C	0695	57.585	0.05000	57.430	0.86582	0.09340	10	0.18	0%	0
005.05	Ash, 3h @ 550°C	0679	57.605	0.09000	57.430	0.86582	0.09340	10	0.20	0%	0
005.05	Ash, 3h @ 550°C	0868	57.605	0.03000	57.430	0.86582	0.09340	10	0.20	0%	0
005.05	Ash, 3h @ 550°C	0878	57.650	0.10000	57.430	0.86582	0.09340	10	0.25	0%	0
005.05	Ash, 3h @ 550°C	0866	58.340	0.12400	57.430	0.86582	0.09340	10	1.05	1%	0
005.05	Ash, 3h @ 550°C	0882	62.360	0.04000	57.430	0.86582	0.09340	10	5.69	4%	0
005.05	Ash, 3h @ 550°C	0879	53.940	5.4400	57.430	0.86582	0.09340	10	-4.03	3%	1
005.11	Ash, NIR	0720	97.645	0.05000			0.05000	1			
005.99	Ash, Miscellaneous	0616	55.690	0.92000	58.027	1.8951	0.59160	5	-1.23	2%	0
005.99	Ash, Miscellaneous	0673	57.550	0.30000	58.027	1.8951	0.59160	5	-0.25	0%	0
005.99	Ash, Miscellaneous	0652	57.750	0.30000	58.027	1.8951	0.59160	5	-0.15	0%	0
005.99	Ash, Miscellaneous	0676	58.191	1.3680	58.027	1.8951	0.59160	5	0.09	0%	0
005.99	Ash, Miscellaneous	0202	60.955	0.07000	58.027	1.8951	0.59160	5	1.54	3%	0
008.02	Fiber, Acid Detergent	0309	17.155	0.37000	22.840	8.0398	0.21000	2	-0.71	12%	0
008.02	Fiber, Acid Detergent	0405	28.525	0.05000	22.840	8.0398	0.21000	2	0.71	12%	0
008.05	Fiber, Acid Detergent-Hach	0265	17.450	0.30000			0.30000	1			
008.08	Fiber, Acid Detergent, ANKOM	0849	11.910	0.26000	16.304	1.0140	0.38436	11	-4.33	13%	0
008.08	Fiber, Acid Detergent, ANKOM	0870	14.868	1.1550	16.304	1.0140	0.38436	11	-1.42	4%	0
008.08	Fiber, Acid Detergent, ANKOM	0693	15.730	0.66000	16.304	1.0140	0.38436	11	-0.57	2%	0
008.08	Fiber, Acid Detergent, ANKOM	0037	15.775	0.11000	16.304	1.0140	0.38436	11	-0.52	2%	0
008.08	Fiber, Acid Detergent, ANKOM	0160	15.904	0.47300	16.304	1.0140	0.38436	11	-0.40	1%	0
008.08	Fiber, Acid Detergent, ANKOM	0357	16.650	0.10000	16.304	1.0140	0.38436	11	0.34	1%	0
008.08	Fiber, Acid Detergent, ANKOM	0358	16.685	0.41000	16.304	1.0140	0.38436	11	0.38	1%	0
008.08	Fiber, Acid Detergent, ANKOM	0278	16.900	0.00000	16.304	1.0140	0.38436	11	0.59	2%	0
008.08	Fiber, Acid Detergent, ANKOM	0106	16.930	0.20000	16.304	1.0140	0.38436	11	0.62	2%	0
008.08	Fiber, Acid Detergent, ANKOM	0297	16.970	0.66000	16.304	1.0140	0.38436	11	0.66	2%	0
008.08	Fiber, Acid Detergent, ANKOM	0294	31.300	0.20000	16.304	1.0140	0.38436	11	14.79	46%	0
008.08	Fiber, Acid Detergent, ANKOM	0882	9.9800	2.4000	16.304	1.0140	0.38436	11	-6.24	19%	1
008.99	Fiber, Acid Detergent Miscellaneous	0613	14.415	0.09000	59.058	63.134	0.29500	2	-0.71	38%	0
008.99	Fiber, Acid Detergent Miscellaneous	0720	103.70	0.50000	59.058	63.134	0.29500	2	0.71	38%	0

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009.07	Fiber, Neutral Det-ENZ Pretreat	0309	21.475	0.29000			0.29000	1			
009.09	Fiber, Neutral Detergent, ANKOM	0278	15.950	0.50000	17.272	1.2604	0.30511	12	-1.05	4%	0
009.09	Fiber, Neutral Detergent, ANKOM	0882	16.050	0.30000	17.272	1.2604	0.30511	12	-0.97	4%	0
009.09	Fiber, Neutral Detergent, ANKOM	0849	16.075	0.07000	17.272	1.2604	0.30511	12	-0.95	3%	0
009.09	Fiber, Neutral Detergent, ANKOM	0870	16.617	0.61930	17.272	1.2604	0.30511	12	-0.52	2%	0
009.09	Fiber, Neutral Detergent, ANKOM	0160	16.733	0.05200	17.272	1.2604	0.30511	12	-0.43	2%	0
009.09	Fiber, Neutral Detergent, ANKOM	0693	16.755	0.55000	17.272	1.2604	0.30511	12	-0.41	1%	0
009.09	Fiber, Neutral Detergent, ANKOM	0037	17.090	0.00000	17.272	1.2604	0.30511	12	-0.14	1%	0
009.09	Fiber, Neutral Detergent, ANKOM	0357	17.500	0.20000	17.272	1.2604	0.30511	12	0.18	1%	0
009.09	Fiber, Neutral Detergent, ANKOM	0106	17.985	0.21000	17.272	1.2604	0.30511	12	0.57	2%	0
009.09	Fiber, Neutral Detergent, ANKOM	0265	19.400	0.80000	17.272	1.2604	0.30511	12	1.69	6%	0
009.09	Fiber, Neutral Detergent, ANKOM	0297	35.920	0.16000	17.272	1.2604	0.30511	12	14.80	54%	0
009.09	Fiber, Neutral Detergent, ANKOM	0294	39.400	0.20000	17.272	1.2604	0.30511	12	17.56	64%	0
009.99	Fiber, Neutral Det Miscellaneous	0643	17.370	0.28000	17.580	0.29698	0.40000	2	-0.71	1%	0
009.99	Fiber, Neutral Det Miscellaneous	0613	17.790	0.52000	17.580	0.29698	0.40000	2	0.71	1%	0
010.03	Moisture, Karl-Fischer	0843	5.1550	0.15000	5.4775	0.45608	0.16500	2	-0.71	3%	0
010.03	Moisture, Karl-Fischer	0027	5.8000	0.18000	5.4775	0.45608	0.16500	2	0.71	3%	0
010.11	Moisture, NIR	0168	7.6350	0.11000	8.9150	1.8102	0.07000	2	-0.71	7%	0
010.11	Moisture, NIR	0720	10.195	0.03000	8.9150	1.8102	0.07000	2	0.71	7%	0
010.99	Moisture, Miscellaneous	0299	4.3965	0.24370	5.4913	0.51895	0.10506	11	-2.11	10%	0
010.99	Moisture, Miscellaneous	0871	4.9750	0.01000	5.4913	0.51895	0.10506	11	-0.99	5%	0
010.99	Moisture, Miscellaneous	0866	5.0740	0.03200	5.4913	0.51895	0.10506	11	-0.80	4%	0
010.99	Moisture, Miscellaneous	0716	5.1850	0.09000	5.4913	0.51895	0.10506	11	-0.59	3%	0
010.99	Moisture, Miscellaneous	0652	5.4500	0.10000	5.4913	0.51895	0.10506	11	-0.08	0%	0
010.99	Moisture, Miscellaneous	0613	5.5000	0.20000	5.4913	0.51895	0.10506	11	0.02	0%	0
010.99	Moisture, Miscellaneous	0417	5.5650	0.05000	5.4913	0.51895	0.10506	11	0.14	1%	0
010.99	Moisture, Miscellaneous	0401	5.7500	0.06000	5.4913	0.51895	0.10506	11	0.50	2%	0
010.99	Moisture, Miscellaneous	0879	5.7550	0.23000	5.4913	0.51895	0.10506	11	0.51	2%	0
010.99	Moisture, Miscellaneous	0673	6.1500	0.10000	5.4913	0.51895	0.10506	11	1.27	6%	0
010.99	Moisture, Miscellaneous	0405	6.3100	0.04000	5.4913	0.51895	0.10506	11	1.58	7%	0
010.99	Moisture, Miscellaneous	0712	4.6300	0.64000	5.4913	0.51895	0.10506	11	-1.66	8%	1
011.01	Loss on Drying, 135 deg 2hr	0874	4.7400	0.02000	5.8649	0.24271	0.07309	32	-4.63	10%	0
011.01	Loss on Drying, 135 deg 2hr	0407	5.0400	0.28000	5.8649	0.24271	0.07309	32	-3.40	7%	0
011.01	Loss on Drying, 135 deg 2hr	0529	5.2150	0.01000	5.8649	0.24271	0.07309	32	-2.68	6%	0
011.01	Loss on Drying, 135 deg 2hr	0859	5.4435	0.10500	5.8649	0.24271	0.07309	32	-1.74	4%	0
011.01	Loss on Drying, 135 deg 2hr	0160	5.6190	0.03800	5.8649	0.24271	0.07309	32	-1.01	2%	0
011.01	Loss on Drying, 135 deg 2hr	0870	5.6793	0.16110	5.8649	0.24271	0.07309	32	-0.76	2%	0
011.01	Loss on Drying, 135 deg 2hr	0674	5.6950	0.07000	5.8649	0.24271	0.07309	32	-0.70	1%	0
011.01	Loss on Drying, 135 deg 2hr	0265	5.7000	0.20000	5.8649	0.24271	0.07309	32	-0.68	1%	0
011.01	Loss on Drying, 135 deg 2hr	0062	5.7040	0.10000	5.8649	0.24271	0.07309	32	-0.66	1%	0
011.01	Loss on Drying, 135 deg 2hr	0171	5.7300	0.04000	5.8649	0.24271	0.07309	32	-0.56	1%	0
011.01	Loss on Drying, 135 deg 2hr	0622	5.7315	0.05580	5.8649	0.24271	0.07309	32	-0.55	1%	0



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			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
011.01	Loss on Drying, 135 deg 2hr	0123	5.8300	0.00000	5.8649	0.24271	0.07309	32	-0.14	0%	0
011.01	Loss on Drying, 135 deg 2hr	0651	5.8300	0.18600	5.8649	0.24271	0.07309	32	-0.14	0%	0
011.01	Loss on Drying, 135 deg 2hr	0511	5.8350	0.03000	5.8649	0.24271	0.07309	32	-0.12	0%	0
011.01	Loss on Drying, 135 deg 2hr	0843	5.8350	0.11000	5.8649	0.24271	0.07309	32	-0.12	0%	0
011.01	Loss on Drying, 135 deg 2hr	0541	5.8450	0.01000	5.8649	0.24271	0.07309	32	-0.08	0%	0
011.01	Loss on Drying, 135 deg 2hr	0226	5.8500	0.10000	5.8649	0.24271	0.07309	32	-0.06	0%	0
011.01	Loss on Drying, 135 deg 2hr	0520	5.8750	0.07000	5.8649	0.24271	0.07309	32	0.04	0%	0
011.01	Loss on Drying, 135 deg 2hr	0670	5.9100	0.02000	5.8649	0.24271	0.07309	32	0.19	0%	0
011.01	Loss on Drying, 135 deg 2hr	0650	5.9350	0.01000	5.8649	0.24271	0.07309	32	0.29	1%	0
011.01	Loss on Drying, 135 deg 2hr	0098	5.9800	0.00000	5.8649	0.24271	0.07309	32	0.47	1%	0
011.01	Loss on Drying, 135 deg 2hr	0722	5.9821	0.00340	5.8649	0.24271	0.07309	32	0.48	1%	0
011.01	Loss on Drying, 135 deg 2hr	0202	6.0200	0.00000	5.8649	0.24271	0.07309	32	0.64	1%	0
011.01	Loss on Drying, 135 deg 2hr	0510	6.0500	0.10000	5.8649	0.24271	0.07309	32	0.76	2%	0
011.01	Loss on Drying, 135 deg 2hr	0309	6.0600	0.12000	5.8649	0.24271	0.07309	32	0.80	2%	0
011.01	Loss on Drying, 135 deg 2hr	0559	6.0900	0.06000	5.8649	0.24271	0.07309	32	0.93	2%	0
011.01	Loss on Drying, 135 deg 2hr	0643	6.1000	0.20000	5.8649	0.24271	0.07309	32	0.97	2%	0
011.01	Loss on Drying, 135 deg 2hr	0620	6.1145	0.00270	5.8649	0.24271	0.07309	32	1.03	2%	0
011.01	Loss on Drying, 135 deg 2hr	0553	6.1300	0.06000	5.8649	0.24271	0.07309	32	1.09	2%	0
011.01	Loss on Drying, 135 deg 2hr	0358	6.1350	0.09000	5.8649	0.24271	0.07309	32	1.11	2%	0
011.01	Loss on Drying, 135 deg 2hr	0205	6.2825	0.08700	5.8649	0.24271	0.07309	32	1.72	4%	0
011.01	Loss on Drying, 135 deg 2hr	0294	7.4000	0.00000	5.8649	0.24271	0.07309	32	6.32	13%	0
011.01	Loss on Drying, 135 deg 2hr	0108	5.7550	0.33000	5.8649	0.24271	0.07309	32	-0.45	1%	1
011.02	Loss on drying, 130°C for 2 hours	0682	5.8400	0.04000			0.04000	1			
011.99	Loss on Drying, High Temp. Methods Miscellan	0541	4.9350	0.15000	5.0775	0.20153	0.10500	2	-0.71	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellan	0882	5.2200	0.06000	5.0775	0.20153	0.10500	2	0.71	1%	0
012.00	Starch, Polarimetric (Ewers)	0559	0.30000	0.00000			0.00000	1			
012.01	Starch, Megazyme	0870	0.97950	0.16100	1.6473	0.94434	0.09550	2	-0.71	20%	0
012.01	Starch, Megazyme	0676	2.3150	0.03000	1.6473	0.94434	0.09550	2	0.71	20%	0
012.03	Starch, Enzymatic	0297	1.3300	0.02000	1.9200	0.83439	0.24000	2	-0.71	15%	0
012.03	Starch, Enzymatic	0407	2.5100	0.46000	1.9200	0.83439	0.24000	2	0.71	15%	0
012.04	Starch, YSI Analyzer	0278	0.65000	0.10000	1.9283	2.0983	0.07667	3	-0.61	33%	0
012.04	Starch, YSI Analyzer	0160	0.78500	0.03000	1.9283	2.0983	0.07667	3	-0.54	30%	0
012.04	Starch, YSI Analyzer	0106	4.3500	0.10000	1.9283	2.0983	0.07667	3	1.15	63%	0
013.00	Fat, Acid hydrolysis	0616	3.4450	0.03000	3.7313	0.29330	0.04750	4	-0.98	4%	0
013.00	Fat, Acid hydrolysis	0861	3.5900	0.06000	3.7313	0.29330	0.04750	4	-0.48	2%	0
013.00	Fat, Acid hydrolysis	0202	3.7650	0.01000	3.7313	0.29330	0.04750	4	0.12	0%	0
013.00	Fat, Acid hydrolysis	0309	4.1250	0.09000	3.7313	0.29330	0.04750	4	1.34	5%	0
013.02	Fat, Mojonnier, Bak Ext	0874	1.1050	0.05000	3.1087	0.82925	0.28286	7	-2.42	32%	0
013.02	Fat, Mojonnier, Bak Ext	0171	2.6350	0.21000	3.1087	0.82925	0.28286	7	-0.57	8%	0
013.02	Fat, Mojonnier, Bak Ext	0650	2.8200	0.02000	3.1087	0.82925	0.28286	7	-0.35	5%	0
013.02	Fat, Mojonnier, Bak Ext	0682	3.2550	0.07000	3.1087	0.82925	0.28286	7	0.18	2%	0
013.02	Fat, Mojonnier, Bak Ext	0843	3.3450	0.97000	3.1087	0.82925	0.28286	7	0.28	4%	0

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013.02	Fat, Mojonner, Bak Ext	0643	3.8750	0.15000	3.1087	0.82925	0.28286	7	0.92	12%	0
013.02	Fat, Mojonner, Bak Ext	0853	3.9550	0.51000	3.1087	0.82925	0.28286	7	1.02	14%	0
013.10	Fat, Soxtec-Acid Hydrolysis	0613	1.6150	0.23000	2.8550	0.97654	0.33450	6	-1.27	22%	0
013.10	Fat, Soxtec-Acid Hydrolysis	0716	2.2850	0.09000	2.8550	0.97654	0.33450	6	-0.58	10%	0
013.10	Fat, Soxtec-Acid Hydrolysis	0673	2.4500	0.10000	2.8550	0.97654	0.33450	6	-0.41	7%	0
013.10	Fat, Soxtec-Acid Hydrolysis	0652	3.3000	0.20000	2.8550	0.97654	0.33450	6	0.46	8%	0
013.10	Fat, Soxtec-Acid Hydrolysis	0843	3.3450	0.97000	2.8550	0.97654	0.33450	6	0.50	9%	0
013.10	Fat, Soxtec-Acid Hydrolysis	0160	5.2115	0.41700	2.8550	0.97654	0.33450	6	2.41	41%	0
013.11	Fat, Super Critical Fluid Extraction	0417	2.8650	0.01000	3.0600	0.27577	0.09000	2	-0.71	3%	0
013.11	Fat, Super Critical Fluid Extraction	0866	3.2550	0.17000	3.0600	0.27577	0.09000	2	0.71	3%	0
015.41	Aluminum, ICP, Dry ash	0164	208.00	22.000	313.43	164.93	11.853	3	-0.64	17%	0
015.41	Aluminum, ICP, Dry ash	0049	228.80	8.5600	313.43	164.93	11.853	3	-0.51	14%	0
015.41	Aluminum, ICP, Dry ash	0520	503.50	5.0000	313.43	164.93	11.853	3	1.15	30%	0
015.42	Aluminum, ICP, Open vessel	0011	265.46	29.445	335.97	62.097	52.648	3	-1.14	10%	0
015.42	Aluminum, ICP, Open vessel	0021	359.95	29.500	335.97	62.097	52.648	3	0.39	4%	0
015.42	Aluminum, ICP, Open vessel	0560	382.50	99.000	335.97	62.097	52.648	3	0.75	7%	0
015.43	Aluminum, ICP, Microwave	0353	224.90	24.600	344.13	192.74	19.867	3	-0.62	17%	0
015.43	Aluminum, ICP, Microwave	0510	241.00	12.000	344.13	192.74	19.867	3	-0.54	15%	0
015.43	Aluminum, ICP, Microwave	0169	566.50	23.000	344.13	192.74	19.867	3	1.15	32%	0
015.52	Aluminum, ICP-MS, Open vessel	0154	418.35	17.500			17.500	1			
016.00	Arsenic, AA, Hydride	0619	0.43650	0.04300			0.04300	1			
017.41	Boron, ICP, Dry ash	0358	0.00000	0.00000	3.3075	4.6775	1.3850	2	-0.71	50%	0
017.41	Boron, ICP, Dry ash	0049	6.6150	2.7700	3.3075	4.6775	1.3850	2	0.71	50%	0
017.42	Boron, ICP, Open vessel	0560	6.4150	0.97000	7.6900	1.8031	0.97000	2	-0.71	8%	0
017.42	Boron, ICP, Open vessel	0693	8.9650	0.97000	7.6900	1.8031	0.97000	2	0.71	8%	0
017.43	Boron, ICP, Microwave	0510	4.5300	0.08000	37.280	33.121	1.0867	3	-0.99	44%	0
017.43	Boron, ICP, Microwave	0294	36.550	0.10000	37.280	33.121	1.0867	3	-0.02	1%	0
017.43	Boron, ICP, Microwave	0353	70.760	3.0800	37.280	33.121	1.0867	3	1.01	45%	0
018.31	Cadmium, AAS, Dry ash	0866	0.50100	0.05400			0.05400	1			
018.42	Cadmium, ICP, Open vessel	0011	0.64950	0.00700	1.0488	0.62742	0.04233	3	-0.64	19%	0
018.42	Cadmium, ICP, Open vessel	0567	0.72500	0.01000	1.0488	0.62742	0.04233	3	-0.52	15%	0
018.42	Cadmium, ICP, Open vessel	0021	1.7720	0.11000	1.0488	0.62742	0.04233	3	1.15	34%	0
018.52	Cadmium, ICP-MS, Open vessel	0154	0.57150	0.09500			0.09500	1			
019.00	Calcium, Ox-Mn04 Vol.	0658	11.962	0.44610	15.528	0.47973	0.19739	14	-7.43	11%	0
019.00	Calcium, Ox-Mn04 Vol.	0623	14.354	0.44490	15.528	0.47973	0.19739	14	-2.45	4%	0
019.00	Calcium, Ox-Mn04 Vol.	0620	14.827	0.10190	15.528	0.47973	0.19739	14	-1.46	2%	0
019.00	Calcium, Ox-Mn04 Vol.	0043	15.200	0.80000	15.528	0.47973	0.19739	14	-0.68	1%	0
019.00	Calcium, Ox-Mn04 Vol.	0878	15.450	0.10000	15.528	0.47973	0.19739	14	-0.16	0%	0
019.00	Calcium, Ox-Mn04 Vol.	0552	15.470	0.10000	15.528	0.47973	0.19739	14	-0.12	0%	0
019.00	Calcium, Ox-Mn04 Vol.	0622	15.497	0.17250	15.528	0.47973	0.19739	14	-0.06	0%	0
019.00	Calcium, Ox-Mn04 Vol.	0646	15.580	0.08000	15.528	0.47973	0.19739	14	0.11	0%	0
019.00	Calcium, Ox-Mn04 Vol.	0651	15.616	0.00800	15.528	0.47973	0.19739	14	0.18	0%	0

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019.00	Calcium, Ox-Mn04 Vol.	0679	15.710	0.08000	15.528	0.47973	0.19739	14	0.38	1%	0
019.00	Calcium, Ox-Mn04 Vol.	0716	15.750	0.10000	15.528	0.47973	0.19739	14	0.46	1%	0
019.00	Calcium, Ox-Mn04 Vol.	0849	16.035	0.13000	15.528	0.47973	0.19739	14	1.06	2%	0
019.00	Calcium, Ox-Mn04 Vol.	0868	16.350	0.10000	15.528	0.47973	0.19739	14	1.71	3%	0
019.00	Calcium, Ox-Mn04 Vol.	0194	22.650	0.10000	15.528	0.47973	0.19739	14	14.85	23%	0
019.00	Calcium, Ox-Mn04 Vol.	0647	12.795	1.0700	15.528	0.47973	0.19739	14	-5.70	9%	1
019.03	Calcium, Semiauto (Autoanalyzer)	0043	14.110	0.10000	15.017	0.94177	0.10000	3	-0.96	3%	0
019.03	Calcium, Semiauto (Autoanalyzer)	0026	14.950	0.02000	15.017	0.94177	0.10000	3	-0.07	0%	0
019.03	Calcium, Semiauto (Autoanalyzer)	0033	15.990	0.18000	15.017	0.94177	0.10000	3	1.03	3%	0
019.08	Calcium, EDTA	0138	10.865	0.27000	15.725	1.0826	0.17488	9	-4.49	15%	0
019.08	Calcium, EDTA	0877	14.805	0.03000	15.725	1.0826	0.17488	9	-0.85	3%	0
019.08	Calcium, EDTA	0607	15.188	0.26390	15.725	1.0826	0.17488	9	-0.50	2%	0
019.08	Calcium, EDTA	0849	15.535	0.01000	15.725	1.0826	0.17488	9	-0.18	1%	0
019.08	Calcium, EDTA	0871	15.625	0.07000	15.725	1.0826	0.17488	9	-0.09	0%	0
019.08	Calcium, EDTA	0673	16.150	0.10000	15.725	1.0826	0.17488	9	0.39	1%	0
019.08	Calcium, EDTA	0590	16.335	0.07000	15.725	1.0826	0.17488	9	0.56	2%	0
019.08	Calcium, EDTA	0689	16.580	0.36000	15.725	1.0826	0.17488	9	0.79	3%	0
019.08	Calcium, EDTA	0879	29.800	0.40000	15.725	1.0826	0.17488	9	13.00	45%	0
019.31	Calcium, AAS, Dry ash	0142	12.450	0.90000	15.421	0.76666	0.37442	24	-3.87	10%	0
019.31	Calcium, AAS, Dry ash	0350	13.796	1.1070	15.421	0.76666	0.37442	24	-2.12	5%	0
019.31	Calcium, AAS, Dry ash	0152	14.050	0.10000	15.421	0.76666	0.37442	24	-1.79	4%	0
019.31	Calcium, AAS, Dry ash	0596	14.100	1.4000	15.421	0.76666	0.37442	24	-1.72	4%	0
019.31	Calcium, AAS, Dry ash	0874	14.680	0.18000	15.421	0.76666	0.37442	24	-0.97	2%	0
019.31	Calcium, AAS, Dry ash	0674	14.835	0.31000	15.421	0.76666	0.37442	24	-0.76	2%	0
019.31	Calcium, AAS, Dry ash	0563	15.015	0.07000	15.421	0.76666	0.37442	24	-0.53	1%	0
019.31	Calcium, AAS, Dry ash	0591	15.050	0.30000	15.421	0.76666	0.37442	24	-0.48	1%	0
019.31	Calcium, AAS, Dry ash	0720	15.170	0.02000	15.421	0.76666	0.37442	24	-0.33	1%	0
019.31	Calcium, AAS, Dry ash	0619	15.200	0.20000	15.421	0.76666	0.37442	24	-0.29	1%	0
019.31	Calcium, AAS, Dry ash	0208	15.350	0.50000	15.421	0.76666	0.37442	24	-0.09	0%	0
019.31	Calcium, AAS, Dry ash	0670	15.416	0.03900	15.421	0.76666	0.37442	24	-0.01	0%	0
019.31	Calcium, AAS, Dry ash	0638	15.440	0.12000	15.421	0.76666	0.37442	24	0.03	0%	0
019.31	Calcium, AAS, Dry ash	0354	15.490	0.12000	15.421	0.76666	0.37442	24	0.09	0%	0
019.31	Calcium, AAS, Dry ash	0505	15.580	0.16000	15.421	0.76666	0.37442	24	0.21	1%	0
019.31	Calcium, AAS, Dry ash	0669	15.670	0.68000	15.421	0.76666	0.37442	24	0.33	1%	0
019.31	Calcium, AAS, Dry ash	0018	15.730	0.02000	15.421	0.76666	0.37442	24	0.40	1%	0
019.31	Calcium, AAS, Dry ash	0866	15.845	0.17000	15.421	0.76666	0.37442	24	0.55	1%	0
019.31	Calcium, AAS, Dry ash	0175	15.900	0.20000	15.421	0.76666	0.37442	24	0.63	2%	0
019.31	Calcium, AAS, Dry ash	0868	16.300	0.00000	15.421	0.76666	0.37442	24	1.15	3%	0
019.31	Calcium, AAS, Dry ash	0529	16.545	0.03000	15.421	0.76666	0.37442	24	1.47	4%	0
019.31	Calcium, AAS, Dry ash	0650	16.555	0.05000	15.421	0.76666	0.37442	24	1.48	4%	0
019.31	Calcium, AAS, Dry ash	0884	16.690	0.84000	15.421	0.76666	0.37442	24	1.66	4%	0
019.31	Calcium, AAS, Dry ash	0305	17.085	1.4700	15.421	0.76666	0.37442	24	2.17	5%	0

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019.31	Calcium, AAS, Dry ash	0178	14.720	2.2800	15.421	0.76666	0.37442	24	-0.91	2%	1
019.31	Calcium, AAS, Dry ash	0108	1.3350	0.05000	15.421	0.76666	0.37442	24	-18.37	46%	2
019.32	Calcium, AAS, Open vessel	0026	14.930	0.04000	15.609	0.56462	0.23981	15	-1.20	2%	0
019.32	Calcium, AAS, Open vessel	0039	14.946	0.32100	15.609	0.56462	0.23981	15	-1.18	2%	0
019.32	Calcium, AAS, Open vessel	0001	15.000	0.32000	15.609	0.56462	0.23981	15	-1.08	2%	0
019.32	Calcium, AAS, Open vessel	0035	15.145	0.03000	15.609	0.56462	0.23981	15	-0.82	1%	0
019.32	Calcium, AAS, Open vessel	0013	15.200	0.80000	15.609	0.56462	0.23981	15	-0.73	1%	0
019.32	Calcium, AAS, Open vessel	0169	15.470	0.12000	15.609	0.56462	0.23981	15	-0.25	0%	0
019.32	Calcium, AAS, Open vessel	0014	15.500	0.40000	15.609	0.56462	0.23981	15	-0.19	0%	0
019.32	Calcium, AAS, Open vessel	0612	15.525	0.07000	15.609	0.56462	0.23981	15	-0.15	0%	0
019.32	Calcium, AAS, Open vessel	0038	15.745	0.67000	15.609	0.56462	0.23981	15	0.24	0%	0
019.32	Calcium, AAS, Open vessel	0263	15.852	0.00900	15.609	0.56462	0.23981	15	0.43	1%	0
019.32	Calcium, AAS, Open vessel	0036	15.867	0.20100	15.609	0.56462	0.23981	15	0.46	1%	0
019.32	Calcium, AAS, Open vessel	0504	16.100	0.20000	15.609	0.56462	0.23981	15	0.87	2%	0
019.32	Calcium, AAS, Open vessel	0010	16.230	0.10000	15.609	0.56462	0.23981	15	1.10	2%	0
019.32	Calcium, AAS, Open vessel	0722	16.263	0.10610	15.609	0.56462	0.23981	15	1.16	2%	0
019.32	Calcium, AAS, Open vessel	0609	18.975	0.21000	15.609	0.56462	0.23981	15	5.96	11%	0
019.33	Calcium, AAS, Microwave	0033	15.305	0.15000			0.15000	1			
019.41	Calcium, ICP, Dry ash	0405	11.880	0.04000	15.416	1.0206	0.28338	31	-3.46	11%	0
019.41	Calcium, ICP, Dry ash	0003	13.300	0.60000	15.416	1.0206	0.28338	31	-2.07	7%	0
019.41	Calcium, ICP, Dry ash	0123	14.025	0.05000	15.416	1.0206	0.28338	31	-1.36	5%	0
019.41	Calcium, ICP, Dry ash	0019	14.125	0.35000	15.416	1.0206	0.28338	31	-1.26	4%	0
019.41	Calcium, ICP, Dry ash	0550	14.412	0.12300	15.416	1.0206	0.28338	31	-0.98	3%	0
019.41	Calcium, ICP, Dry ash	0407	14.585	0.09000	15.416	1.0206	0.28338	31	-0.81	3%	0
019.41	Calcium, ICP, Dry ash	0675	14.585	0.17000	15.416	1.0206	0.28338	31	-0.81	3%	0
019.41	Calcium, ICP, Dry ash	0682	14.655	0.09000	15.416	1.0206	0.28338	31	-0.75	2%	0
019.41	Calcium, ICP, Dry ash	0848	14.670	0.02000	15.416	1.0206	0.28338	31	-0.73	2%	0
019.41	Calcium, ICP, Dry ash	0358	14.765	0.69000	15.416	1.0206	0.28338	31	-0.64	2%	0
019.41	Calcium, ICP, Dry ash	0144	14.850	0.30000	15.416	1.0206	0.28338	31	-0.55	2%	0
019.41	Calcium, ICP, Dry ash	0049	14.940	0.94000	15.416	1.0206	0.28338	31	-0.47	2%	0
019.41	Calcium, ICP, Dry ash	0300	14.989	1.0314	15.416	1.0206	0.28338	31	-0.42	1%	0
019.41	Calcium, ICP, Dry ash	0628	15.440	0.06000	15.416	1.0206	0.28338	31	0.02	0%	0
019.41	Calcium, ICP, Dry ash	0610	15.478	0.11800	15.416	1.0206	0.28338	31	0.06	0%	0
019.41	Calcium, ICP, Dry ash	0074	15.585	0.15000	15.416	1.0206	0.28338	31	0.17	1%	0
019.41	Calcium, ICP, Dry ash	0083	15.750	0.30000	15.416	1.0206	0.28338	31	0.33	1%	0
019.41	Calcium, ICP, Dry ash	0100	15.765	0.13000	15.416	1.0206	0.28338	31	0.34	1%	0
019.41	Calcium, ICP, Dry ash	0029	15.835	0.19000	15.416	1.0206	0.28338	31	0.41	1%	0
019.41	Calcium, ICP, Dry ash	0520	15.875	0.19000	15.416	1.0206	0.28338	31	0.45	1%	0
019.41	Calcium, ICP, Dry ash	0148	15.900	0.04000	15.416	1.0206	0.28338	31	0.47	2%	0
019.41	Calcium, ICP, Dry ash	0089	15.905	0.25000	15.416	1.0206	0.28338	31	0.48	2%	0
019.41	Calcium, ICP, Dry ash	0164	15.950	0.26000	15.416	1.0206	0.28338	31	0.52	2%	0
019.41	Calcium, ICP, Dry ash	0008	16.011	0.29730	15.416	1.0206	0.28338	31	0.58	2%	0

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019.41	Calcium, ICP, Dry ash	0553	16.050	0.70000	15.416	1.0206	0.28338	31	0.62	2%	0
019.41	Calcium, ICP, Dry ash	0004	16.069	0.07500	15.416	1.0206	0.28338	31	0.64	2%	0
019.41	Calcium, ICP, Dry ash	0226	16.470	0.58000	15.416	1.0206	0.28338	31	1.03	3%	0
019.41	Calcium, ICP, Dry ash	0695	16.655	0.61000	15.416	1.0206	0.28338	31	1.21	4%	0
019.41	Calcium, ICP, Dry ash	0171	16.775	0.19000	15.416	1.0206	0.28338	31	1.33	4%	0
019.41	Calcium, ICP, Dry ash	0598	16.930	0.02000	15.416	1.0206	0.28338	31	1.48	5%	0
019.41	Calcium, ICP, Dry ash	0511	17.005	0.13000	15.416	1.0206	0.28338	31	1.56	5%	0
019.41	Calcium, ICP, Dry ash	0265	16.410	3.1800	15.416	1.0206	0.28338	31	0.97	3%	1
019.42	Calcium, ICP, Open vessel	0309	1.4995	0.00100	15.484	0.71297	0.32984	27	-19.61	45%	0
019.42	Calcium, ICP, Open vessel	0168	5.3960	0.01400	15.484	0.71297	0.32984	27	-14.15	33%	0
019.42	Calcium, ICP, Open vessel	0692	12.400	0.40000	15.484	0.71297	0.32984	27	-4.33	10%	0
019.42	Calcium, ICP, Open vessel	0160	13.995	0.55700	15.484	0.71297	0.32984	27	-2.09	5%	0
019.42	Calcium, ICP, Open vessel	0098	14.240	0.24000	15.484	0.71297	0.32984	27	-1.75	4%	0
019.42	Calcium, ICP, Open vessel	0106	14.550	0.10000	15.484	0.71297	0.32984	27	-1.31	3%	0
019.42	Calcium, ICP, Open vessel	0021	14.730	0.44000	15.484	0.71297	0.32984	27	-1.06	2%	0
019.42	Calcium, ICP, Open vessel	0613	14.840	1.3200	15.484	0.71297	0.32984	27	-0.90	2%	0
019.42	Calcium, ICP, Open vessel	0357	15.185	0.17000	15.484	0.71297	0.32984	27	-0.42	1%	0
019.42	Calcium, ICP, Open vessel	0366	15.200	0.00000	15.484	0.71297	0.32984	27	-0.40	1%	0
019.42	Calcium, ICP, Open vessel	0186	15.340	0.16000	15.484	0.71297	0.32984	27	-0.20	0%	0
019.42	Calcium, ICP, Open vessel	0011	15.435	0.18380	15.484	0.71297	0.32984	27	-0.07	0%	0
019.42	Calcium, ICP, Open vessel	0629	15.600	0.00000	15.484	0.71297	0.32984	27	0.16	0%	0
019.42	Calcium, ICP, Open vessel	0567	15.635	1.2700	15.484	0.71297	0.32984	27	0.21	0%	0
019.42	Calcium, ICP, Open vessel	0726	15.665	0.03000	15.484	0.71297	0.32984	27	0.25	1%	0
019.42	Calcium, ICP, Open vessel	0190	15.695	0.13000	15.484	0.71297	0.32984	27	0.30	1%	0
019.42	Calcium, ICP, Open vessel	0512	15.745	0.11000	15.484	0.71297	0.32984	27	0.37	1%	0
019.42	Calcium, ICP, Open vessel	0187	15.800	0.44000	15.484	0.71297	0.32984	27	0.44	1%	0
019.42	Calcium, ICP, Open vessel	0199	15.860	0.34000	15.484	0.71297	0.32984	27	0.53	1%	0
019.42	Calcium, ICP, Open vessel	0045	15.950	0.10000	15.484	0.71297	0.32984	27	0.65	2%	0
019.42	Calcium, ICP, Open vessel	0413	15.950	1.1000	15.484	0.71297	0.32984	27	0.65	2%	0
019.42	Calcium, ICP, Open vessel	0202	15.980	0.14000	15.484	0.71297	0.32984	27	0.70	2%	0
019.42	Calcium, ICP, Open vessel	0504	16.205	0.87000	15.484	0.71297	0.32984	27	1.01	2%	0
019.42	Calcium, ICP, Open vessel	0693	16.280	0.16000	15.484	0.71297	0.32984	27	1.12	3%	0
019.42	Calcium, ICP, Open vessel	0278	16.295	0.59000	15.484	0.71297	0.32984	27	1.14	3%	0
019.42	Calcium, ICP, Open vessel	0560	16.325	0.01000	15.484	0.71297	0.32984	27	1.18	3%	0
019.42	Calcium, ICP, Open vessel	0864	17.805	0.03000	15.484	0.71297	0.32984	27	3.26	7%	0
019.42	Calcium, ICP, Open vessel	0870	9.9050	2.0900	15.484	0.71297	0.32984	27	-7.83	18%	1
019.43	Calcium, ICP, Microwave	0616	1.3650	0.09000	14.971	0.88898	0.20646	11	-15.31	45%	0
019.43	Calcium, ICP, Microwave	0294	1.4100	0.00000	14.971	0.88898	0.20646	11	-15.25	45%	0
019.43	Calcium, ICP, Microwave	0028	10.785	0.21000	14.971	0.88898	0.20646	11	-4.71	14%	0
019.43	Calcium, ICP, Microwave	0510	14.055	0.01000	14.971	0.88898	0.20646	11	-1.03	3%	0
019.43	Calcium, ICP, Microwave	0042	14.950	0.10000	14.971	0.88898	0.20646	11	-0.02	0%	0
019.43	Calcium, ICP, Microwave	0297	15.165	0.23000	14.971	0.88898	0.20646	11	0.22	1%	0

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019.43	Calcium, ICP, Microwave	0588	15.405	0.15000	14.971	0.88898	0.20646	11	0.49	1%	0
019.43	Calcium, ICP, Microwave	0026	15.450	0.30000	14.971	0.88898	0.20646	11	0.54	2%	0
019.43	Calcium, ICP, Microwave	0027	15.515	0.03000	14.971	0.88898	0.20646	11	0.61	2%	0
019.43	Calcium, ICP, Microwave	0508	15.658	0.45110	14.971	0.88898	0.20646	11	0.77	2%	0
019.43	Calcium, ICP, Microwave	0353	16.530	0.70000	14.971	0.88898	0.20646	11	1.75	5%	0
019.43	Calcium, ICP, Microwave	0038	17.050	1.5000	14.971	0.88898	0.20646	11	2.34	7%	1
019.52	Calcium, ICP-MS, Open vessel	0154	14.314	0.95600			0.95600	1			
019.53	Calcium, ICP-MS, Microwave	0572	14.550	0.30000			0.30000	1			
019.99	Calcium, Miscellaneous	0665	11.675	0.05000	14.249	2.5372	0.29750	4	-1.01	9%	0
019.99	Calcium, Miscellaneous	0047	12.900	0.20000	14.249	2.5372	0.29750	4	-0.53	5%	0
019.99	Calcium, Miscellaneous	0229	14.950	0.06000	14.249	2.5372	0.29750	4	0.28	2%	0
019.99	Calcium, Miscellaneous	0889	17.470	0.88000	14.249	2.5372	0.29750	4	1.27	11%	0
020.31	Chromium, AAS, Dry ash	0164	46.000	0.00000			0.00000	1			
020.32	Chromium, AAS, Open vessel	0722	0.00000	0.00000			0.00000	1			
020.41	Chromium, ICP, Dry ash	0171	41.600	1.0000			1.0000	1			
020.42	Chromium, ICP, Open vessel	0560	30.600	12.600	40.267	6.9746	3.8256	4	-1.39	12%	0
020.42	Chromium, ICP, Open vessel	0011	40.218	1.3225	40.267	6.9746	3.8256	4	-0.01	0%	0
020.42	Chromium, ICP, Open vessel	0567	43.500	0.80000	40.267	6.9746	3.8256	4	0.46	4%	0
020.42	Chromium, ICP, Open vessel	0021	46.750	0.58000	40.267	6.9746	3.8256	4	0.93	8%	0
020.43	Chromium, ICP, Microwave	0616	31.850	3.5000	36.368	4.0334	2.0557	3	-1.12	6%	0
020.43	Chromium, ICP, Microwave	0510	37.645	0.63000	36.368	4.0334	2.0557	3	0.32	2%	0
020.43	Chromium, ICP, Microwave	0508	39.608	2.0370	36.368	4.0334	2.0557	3	0.80	4%	0
020.52	Chromium, ICP-MS, Open vessel	0154	37.920	1.3200			1.3200	1			
020.99	Chromium, Miscellaneous	0675	33.505	0.95000	37.003	4.9462	0.97500	2	-0.71	5%	0
020.99	Chromium, Miscellaneous	0673	40.500	1.0000	37.003	4.9462	0.97500	2	0.71	5%	0
021.31	Cobalt, AAS, Dry ash	0164	10.650	0.30000	20.360	10.375	1.0000	5	-0.94	24%	0
021.31	Cobalt, AAS, Dry ash	0689	12.300	0.60000	20.360	10.375	1.0000	5	-0.78	20%	0
021.31	Cobalt, AAS, Dry ash	0175	16.000	2.0000	20.360	10.375	1.0000	5	-0.42	11%	0
021.31	Cobalt, AAS, Dry ash	0628	29.500	1.0000	20.360	10.375	1.0000	5	0.88	22%	0
021.31	Cobalt, AAS, Dry ash	0619	33.350	1.1000	20.360	10.375	1.0000	5	1.25	32%	0
021.32	Cobalt, AAS, Open vessel	0722	24.866	0.13940			0.13940	1			
021.41	Cobalt, ICP, Dry ash	0171	13.300	0.60000	15.545	3.1749	1.3400	2	-0.71	7%	0
021.41	Cobalt, ICP, Dry ash	0029	17.790	2.0800	15.545	3.1749	1.3400	2	0.71	7%	0
021.42	Cobalt, ICP, Open vessel	0629	11.500	0.20000	13.808	2.0678	0.47443	7	-1.12	8%	0
021.42	Cobalt, ICP, Open vessel	0693	12.225	1.2300	13.808	2.0678	0.47443	7	-0.77	6%	0
021.42	Cobalt, ICP, Open vessel	0011	12.529	0.63100	13.808	2.0678	0.47443	7	-0.62	5%	0
021.42	Cobalt, ICP, Open vessel	0560	14.150	0.30000	13.808	2.0678	0.47443	7	0.17	1%	0
021.42	Cobalt, ICP, Open vessel	0106	14.400	0.20000	13.808	2.0678	0.47443	7	0.29	2%	0
021.42	Cobalt, ICP, Open vessel	0567	15.200	0.60000	13.808	2.0678	0.47443	7	0.67	5%	0
021.42	Cobalt, ICP, Open vessel	0021	16.650	0.16000	13.808	2.0678	0.47443	7	1.37	10%	0
021.43	Cobalt, ICP, Microwave	0616	10.400	0.20000	12.983	2.1353	0.23800	5	-1.21	10%	0
021.43	Cobalt, ICP, Microwave	0510	11.165	0.11000	12.983	2.1353	0.23800	5	-0.85	7%	0

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021.43	Cobalt, ICP, Microwave	0508	13.399	0.18000	12.983	2.1353	0.23800	5	0.19	2%	0
021.43	Cobalt, ICP, Microwave	0169	14.700	0.20000	12.983	2.1353	0.23800	5	0.80	7%	0
021.43	Cobalt, ICP, Microwave	0038	15.250	0.50000	12.983	2.1353	0.23800	5	1.06	9%	0
021.52	Cobalt, ICP-MS, Open vessel	0154	13.594	1.3250			1.3250	1			
022.31	Copper, AAS, Dry ash	0674	2.4550	0.05000	23,738	1,051.6	345.73	24	-22.57	50%	0
022.31	Copper, AAS, Dry ash	0590	2,320.0	20.000	23,738	1,051.6	345.73	24	-20.37	45%	0
022.31	Copper, AAS, Dry ash	0884	22,223	1,260.6	23,738	1,051.6	345.73	24	-1.44	3%	0
022.31	Copper, AAS, Dry ash	0669	22,634	645.00	23,738	1,051.6	345.73	24	-1.05	2%	0
022.31	Copper, AAS, Dry ash	0178	22,900	400.00	23,738	1,051.6	345.73	24	-0.80	2%	0
022.31	Copper, AAS, Dry ash	0591	22,911	25.000	23,738	1,051.6	345.73	24	-0.79	2%	0
022.31	Copper, AAS, Dry ash	0638	23,125	0.00000	23,738	1,051.6	345.73	24	-0.58	1%	0
022.31	Copper, AAS, Dry ash	0208	23,150	1,300.0	23,738	1,051.6	345.73	24	-0.56	1%	0
022.31	Copper, AAS, Dry ash	0628	23,268	139.00	23,738	1,051.6	345.73	24	-0.45	1%	0
022.31	Copper, AAS, Dry ash	0868	23,505	430.00	23,738	1,051.6	345.73	24	-0.22	0%	0
022.31	Copper, AAS, Dry ash	0866	23,673	68.000	23,738	1,051.6	345.73	24	-0.06	0%	0
022.31	Copper, AAS, Dry ash	0563	23,700	120.00	23,738	1,051.6	345.73	24	-0.04	0%	0
022.31	Copper, AAS, Dry ash	0723	23,741	18.000	23,738	1,051.6	345.73	24	0.00	0%	0
022.31	Copper, AAS, Dry ash	0354	23,867	371.72	23,738	1,051.6	345.73	24	0.12	0%	0
022.31	Copper, AAS, Dry ash	0689	23,953	397.00	23,738	1,051.6	345.73	24	0.20	0%	0
022.31	Copper, AAS, Dry ash	0529	24,050	100.00	23,738	1,051.6	345.73	24	0.30	1%	0
022.31	Copper, AAS, Dry ash	0505	24,200	400.00	23,738	1,051.6	345.73	24	0.44	1%	0
022.31	Copper, AAS, Dry ash	0619	24,300	0.00000	23,738	1,051.6	345.73	24	0.53	1%	0
022.31	Copper, AAS, Dry ash	0509	24,386	53.000	23,738	1,051.6	345.73	24	0.62	1%	0
022.31	Copper, AAS, Dry ash	0175	24,900	600.00	23,738	1,051.6	345.73	24	1.11	2%	0
022.31	Copper, AAS, Dry ash	0646	25,473	2.0000	23,738	1,051.6	345.73	24	1.65	4%	0
022.31	Copper, AAS, Dry ash	0596	26,023	405.00	23,738	1,051.6	345.73	24	2.17	5%	0
022.31	Copper, AAS, Dry ash	0305	27,500	1,531.9	23,738	1,051.6	345.73	24	3.58	8%	0
022.31	Copper, AAS, Dry ash	0720	30,738	11.175	23,738	1,051.6	345.73	24	6.66	15%	0
022.31	Copper, AAS, Dry ash	0350	22,623	2,101.0	23,738	1,051.6	345.73	24	-1.06	2%	1
022.32	Copper, AAS, Open vessel	0722	22,538	99.875	24,375	990.15	595.07	11	-1.85	4%	0
022.32	Copper, AAS, Open vessel	0010	23,279	225.00	24,375	990.15	595.07	11	-1.11	2%	0
022.32	Copper, AAS, Open vessel	0001	23,295	2,010.0	24,375	990.15	595.07	11	-1.09	2%	0
022.32	Copper, AAS, Open vessel	0035	24,050	0.00000	24,375	990.15	595.07	11	-0.33	1%	0
022.32	Copper, AAS, Open vessel	0038	24,480	440.00	24,375	990.15	595.07	11	0.11	0%	0
022.32	Copper, AAS, Open vessel	0612	24,480	260.00	24,375	990.15	595.07	11	0.11	0%	0
022.32	Copper, AAS, Open vessel	0263	24,868	151.00	24,375	990.15	595.07	11	0.50	1%	0
022.32	Copper, AAS, Open vessel	0504	24,945	1,370.0	24,375	990.15	595.07	11	0.58	1%	0
022.32	Copper, AAS, Open vessel	0014	25,183	226.00	24,375	990.15	595.07	11	0.82	2%	0
022.32	Copper, AAS, Open vessel	0036	25,228	1,363.9	24,375	990.15	595.07	11	0.86	2%	0
022.32	Copper, AAS, Open vessel	0013	25,400	400.00	24,375	990.15	595.07	11	1.04	2%	0
022.33	Copper, AAS, Microwave	0716	21,975	210.00	22,883	1,284.5	133.50	2	-0.71	2%	0
022.33	Copper, AAS, Microwave	0033	23,792	57.000	22,883	1,284.5	133.50	2	0.71	2%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
022.41	Copper, ICP, Dry ash	0675	2.1900	0.02000	23,304	2,432.3	484.50	29	-9.58	50%	0
022.41	Copper, ICP, Dry ash	0598	2,157.5	15.000	23,304	2,432.3	484.50	29	-8.69	45%	0
022.41	Copper, ICP, Dry ash	0405	9,150.0	80.000	23,304	2,432.3	484.50	29	-5.82	30%	0
022.41	Copper, ICP, Dry ash	0550	17,958	278.55	23,304	2,432.3	484.50	29	-2.20	11%	0
022.41	Copper, ICP, Dry ash	0300	19,916	379.62	23,304	2,432.3	484.50	29	-1.39	7%	0
022.41	Copper, ICP, Dry ash	0123	20,280	640.00	23,304	2,432.3	484.50	29	-1.24	6%	0
022.41	Copper, ICP, Dry ash	0049	21,211	518.70	23,304	2,432.3	484.50	29	-0.86	4%	0
022.41	Copper, ICP, Dry ash	0019	21,285	90.000	23,304	2,432.3	484.50	29	-0.83	4%	0
022.41	Copper, ICP, Dry ash	0148	21,553	199.00	23,304	2,432.3	484.50	29	-0.72	4%	0
022.41	Copper, ICP, Dry ash	0848	22,473	177.46	23,304	2,432.3	484.50	29	-0.34	2%	0
022.41	Copper, ICP, Dry ash	0004	22,705	34.000	23,304	2,432.3	484.50	29	-0.25	1%	0
022.41	Copper, ICP, Dry ash	0520	23,035	1,790.0	23,304	2,432.3	484.50	29	-0.11	1%	0
022.41	Copper, ICP, Dry ash	0511	23,150	40.000	23,304	2,432.3	484.50	29	-0.06	0%	0
022.41	Copper, ICP, Dry ash	0358	23,217	1,825.8	23,304	2,432.3	484.50	29	-0.04	0%	0
022.41	Copper, ICP, Dry ash	0008	23,558	147.00	23,304	2,432.3	484.50	29	0.10	1%	0
022.41	Copper, ICP, Dry ash	0083	23,750	300.00	23,304	2,432.3	484.50	29	0.18	1%	0
022.41	Copper, ICP, Dry ash	0610	24,266	196.00	23,304	2,432.3	484.50	29	0.40	2%	0
022.41	Copper, ICP, Dry ash	0074	24,439	174.00	23,304	2,432.3	484.50	29	0.47	2%	0
022.41	Copper, ICP, Dry ash	0226	24,494	1,433.0	23,304	2,432.3	484.50	29	0.49	3%	0
022.41	Copper, ICP, Dry ash	0171	24,750	120.00	23,304	2,432.3	484.50	29	0.59	3%	0
022.41	Copper, ICP, Dry ash	0029	24,791	438.00	23,304	2,432.3	484.50	29	0.61	3%	0
022.41	Copper, ICP, Dry ash	0164	25,000	200.00	23,304	2,432.3	484.50	29	0.70	4%	0
022.41	Copper, ICP, Dry ash	0100	25,025	369.00	23,304	2,432.3	484.50	29	0.71	4%	0
022.41	Copper, ICP, Dry ash	0265	25,059	2,109.0	23,304	2,432.3	484.50	29	0.72	4%	0
022.41	Copper, ICP, Dry ash	0407	25,318	69.000	23,304	2,432.3	484.50	29	0.83	4%	0
022.41	Copper, ICP, Dry ash	0553	25,500	1,800.0	23,304	2,432.3	484.50	29	0.90	5%	0
022.41	Copper, ICP, Dry ash	0682	26,060	581.00	23,304	2,432.3	484.50	29	1.13	6%	0
022.41	Copper, ICP, Dry ash	0695	27,691	6.4000	23,304	2,432.3	484.50	29	1.80	9%	0
022.41	Copper, ICP, Dry ash	0003	27,760	40.000	23,304	2,432.3	484.50	29	1.83	10%	0
022.42	Copper, ICP, Open vessel	0011	2.8145	0.09970	23,335	2,205.0	716.41	27	-10.58	50%	0
022.42	Copper, ICP, Open vessel	0870	14,930	3,380.0	23,335	2,205.0	716.41	27	-3.81	18%	0
022.42	Copper, ICP, Open vessel	0309	18,145	650.00	23,335	2,205.0	716.41	27	-2.35	11%	0
022.42	Copper, ICP, Open vessel	0692	19,365	990.00	23,335	2,205.0	716.41	27	-1.80	9%	0
022.42	Copper, ICP, Open vessel	0098	20,205	510.00	23,335	2,205.0	716.41	27	-1.42	7%	0
022.42	Copper, ICP, Open vessel	0613	20,826	2,612.0	23,335	2,205.0	716.41	27	-1.14	5%	0
022.42	Copper, ICP, Open vessel	0037	21,930	340.00	23,335	2,205.0	716.41	27	-0.64	3%	0
022.42	Copper, ICP, Open vessel	0366	22,650	700.00	23,335	2,205.0	716.41	27	-0.31	1%	0
022.42	Copper, ICP, Open vessel	0160	22,913	916.00	23,335	2,205.0	716.41	27	-0.19	1%	0
022.42	Copper, ICP, Open vessel	0357	23,134	628.00	23,335	2,205.0	716.41	27	-0.09	0%	0
022.42	Copper, ICP, Open vessel	0190	23,256	109.00	23,335	2,205.0	716.41	27	-0.04	0%	0
022.42	Copper, ICP, Open vessel	0726	23,256	109.00	23,335	2,205.0	716.41	27	-0.04	0%	0
022.42	Copper, ICP, Open vessel	0278	23,287	589.40	23,335	2,205.0	716.41	27	-0.02	0%	0



Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
022.42	Copper, ICP, Open vessel	0629	23,400	800.00	23,335	2,205.0	716.41	27	0.03	0%	0
022.42	Copper, ICP, Open vessel	0021	23,705	170.00	23,335	2,205.0	716.41	27	0.17	1%	0
022.42	Copper, ICP, Open vessel	0106	23,850	500.00	23,335	2,205.0	716.41	27	0.23	1%	0
022.42	Copper, ICP, Open vessel	0512	23,870	0.00000	23,335	2,205.0	716.41	27	0.24	1%	0
022.42	Copper, ICP, Open vessel	0045	23,900	200.00	23,335	2,205.0	716.41	27	0.26	1%	0
022.42	Copper, ICP, Open vessel	0199	24,075	85.000	23,335	2,205.0	716.41	27	0.34	2%	0
022.42	Copper, ICP, Open vessel	0567	24,536	1,571.0	23,335	2,205.0	716.41	27	0.54	3%	0
022.42	Copper, ICP, Open vessel	0560	24,768	456.00	23,335	2,205.0	716.41	27	0.65	3%	0
022.42	Copper, ICP, Open vessel	0413	24,850	700.00	23,335	2,205.0	716.41	27	0.69	3%	0
022.42	Copper, ICP, Open vessel	0693	24,909	667.00	23,335	2,205.0	716.41	27	0.71	3%	0
022.42	Copper, ICP, Open vessel	0035	25,820	0.00000	23,335	2,205.0	716.41	27	1.13	5%	0
022.42	Copper, ICP, Open vessel	0186	26,675	993.00	23,335	2,205.0	716.41	27	1.51	7%	0
022.42	Copper, ICP, Open vessel	0187	28,443	587.00	23,335	2,205.0	716.41	27	2.32	11%	0
022.42	Copper, ICP, Open vessel	0864	32,923	1,080.6	23,335	2,205.0	716.41	27	4.35	21%	0
022.42	Copper, ICP, Open vessel	0202	13,362	21,735	23,335	2,205.0	716.41	27	-4.52	21%	1
022.43	Copper, ICP, Microwave	0294	10,550	0.10000	23,741	1,533.0	469.41	13	-15.48	50%	0
022.43	Copper, ICP, Microwave	0028	19,297	691.00	23,741	1,533.0	469.41	13	-2.90	9%	0
022.43	Copper, ICP, Microwave	0353	20,090	1,720.0	23,741	1,533.0	469.41	13	-2.38	8%	0
022.43	Copper, ICP, Microwave	0508	22,881	151.70	23,741	1,533.0	469.41	13	-0.56	2%	0
022.43	Copper, ICP, Microwave	0297	23,098	25.000	23,741	1,533.0	469.41	13	-0.42	1%	0
022.43	Copper, ICP, Microwave	0588	23,329	322.00	23,741	1,533.0	469.41	13	-0.27	1%	0
022.43	Copper, ICP, Microwave	0510	24,000	200.00	23,741	1,533.0	469.41	13	0.17	1%	0
022.43	Copper, ICP, Microwave	0121	24,062	312.50	23,741	1,533.0	469.41	13	0.21	1%	0
022.43	Copper, ICP, Microwave	0027	24,317	87.000	23,741	1,533.0	469.41	13	0.38	1%	0
022.43	Copper, ICP, Microwave	0042	24,487	2,153.0	23,741	1,533.0	469.41	13	0.49	2%	0
022.43	Copper, ICP, Microwave	0026	24,630	140.00	23,741	1,533.0	469.41	13	0.58	2%	0
022.43	Copper, ICP, Microwave	0169	25,850	100.00	23,741	1,533.0	469.41	13	1.38	4%	0
022.43	Copper, ICP, Microwave	0038	26,100	200.00	23,741	1,533.0	469.41	13	1.54	5%	0
022.43	Copper, ICP, Microwave	0616	20,800	4,200.0	23,741	1,533.0	469.41	13	-1.92	6%	1
022.52	Copper, ICP-MS, Open vessel	0168	128.00	4.0000	10,287	14,367	573.00	2	-0.71	49%	0
022.52	Copper, ICP-MS, Open vessel	0154	20,446	1,142.0	10,287	14,367	573.00	2	0.71	49%	0
022.53	Copper, ICP-MS, Microwave	0572	23,000	2,200.0			2,200.0	1			
022.99	Copper, Miscellaneous	0673	22,130	3,061.0	23,426	1,185.8	1,045.0	4	-1.09	3%	0
022.99	Copper, Miscellaneous	0607	23,015	22.981	23,426	1,185.8	1,045.0	4	-0.35	1%	0
022.99	Copper, Miscellaneous	0229	23,603	6.0000	23,426	1,185.8	1,045.0	4	0.15	0%	0
022.99	Copper, Miscellaneous	0047	24,955	1,090.0	23,426	1,185.8	1,045.0	4	1.29	3%	0
024.01	Iodine, Elm-Cald	0208	101.50	1.0000	114.50	18.385	1.0000	2	-0.71	6%	0
024.01	Iodine, Elm-Cald	0169	127.50	1.0000	114.50	18.385	1.0000	2	0.71	6%	0
024.99	Iodine, Miscellaneous	0675	39.810	1.3400			1.3400	1			
025.31	Iron, AAS, Dry ash	0305	11,907	106.12	15,400	737.21	178.45	22	-4.74	11%	0
025.31	Iron, AAS, Dry ash	0638	12,813	125.00	15,400	737.21	178.45	22	-3.51	8%	0
025.31	Iron, AAS, Dry ash	0884	14,188	471.10	15,400	737.21	178.45	22	-1.64	4%	0

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025.31	Iron, AAS, Dry ash	0874	14,540	220.00	15,400	737.21	178.45	22	-1.17	3%	0
025.31	Iron, AAS, Dry ash	0628	14,880	340.00	15,400	737.21	178.45	22	-0.71	2%	0
025.31	Iron, AAS, Dry ash	0591	14,940	112.00	15,400	737.21	178.45	22	-0.62	1%	0
025.31	Iron, AAS, Dry ash	0646	14,980	61.000	15,400	737.21	178.45	22	-0.57	1%	0
025.31	Iron, AAS, Dry ash	0350	15,185	493.00	15,400	737.21	178.45	22	-0.29	1%	0
025.31	Iron, AAS, Dry ash	0669	15,206	460.62	15,400	737.21	178.45	22	-0.26	1%	0
025.31	Iron, AAS, Dry ash	0208	15,350	500.00	15,400	737.21	178.45	22	-0.07	0%	0
025.31	Iron, AAS, Dry ash	0563	15,405	30.000	15,400	737.21	178.45	22	0.01	0%	0
025.31	Iron, AAS, Dry ash	0670	15,440	50.000	15,400	737.21	178.45	22	0.05	0%	0
025.31	Iron, AAS, Dry ash	0720	15,558	5.4000	15,400	737.21	178.45	22	0.21	1%	0
025.31	Iron, AAS, Dry ash	0354	15,694	185.57	15,400	737.21	178.45	22	0.40	1%	0
025.31	Iron, AAS, Dry ash	0175	15,750	100.00	15,400	737.21	178.45	22	0.47	1%	0
025.31	Iron, AAS, Dry ash	0689	15,873	249.00	15,400	737.21	178.45	22	0.64	2%	0
025.31	Iron, AAS, Dry ash	0529	15,900	0.00000	15,400	737.21	178.45	22	0.68	2%	0
025.31	Iron, AAS, Dry ash	0723	16,015	10.000	15,400	737.21	178.45	22	0.83	2%	0
025.31	Iron, AAS, Dry ash	0505	16,100	200.00	15,400	737.21	178.45	22	0.95	2%	0
025.31	Iron, AAS, Dry ash	0596	16,190	96.000	15,400	737.21	178.45	22	1.07	3%	0
025.31	Iron, AAS, Dry ash	0619	16,250	100.00	15,400	737.21	178.45	22	1.15	3%	0
025.31	Iron, AAS, Dry ash	0509	17,633	11.000	15,400	737.21	178.45	22	3.03	7%	0
025.31	Iron, AAS, Dry ash	0868	30,925	1,110.0	15,400	737.21	178.45	22	21.06	50%	2
025.32	Iron, AAS, Open vessel	0263	13,994	1,174.0	15,953	769.62	457.15	10	-2.55	6%	0
025.32	Iron, AAS, Open vessel	0722	14,440	195.50	15,953	769.62	457.15	10	-1.97	5%	0
025.32	Iron, AAS, Open vessel	0001	15,615	650.00	15,953	769.62	457.15	10	-0.44	1%	0
025.32	Iron, AAS, Open vessel	0036	15,735	70.000	15,953	769.62	457.15	10	-0.28	1%	0
025.32	Iron, AAS, Open vessel	0035	15,840	0.00000	15,953	769.62	457.15	10	-0.15	0%	0
025.32	Iron, AAS, Open vessel	0013	16,200	800.00	15,953	769.62	457.15	10	0.32	1%	0
025.32	Iron, AAS, Open vessel	0014	16,389	977.00	15,953	769.62	457.15	10	0.57	1%	0
025.32	Iron, AAS, Open vessel	0612	16,628	355.00	15,953	769.62	457.15	10	0.88	2%	0
025.32	Iron, AAS, Open vessel	0504	16,650	40.000	15,953	769.62	457.15	10	0.91	2%	0
025.32	Iron, AAS, Open vessel	0038	16,685	310.00	15,953	769.62	457.15	10	0.95	2%	0
025.33	Iron, AAS, Microwave	0716	11,990	500.00	13,912	2,718.5	589.50	2	-0.71	7%	0
025.33	Iron, AAS, Microwave	0033	15,835	679.00	13,912	2,718.5	589.50	2	0.71	7%	0
025.41	Iron, ICP, Dry ash	0675	1,5450	0.01000	14,999	1,598.2	361.77	29	-9.38	50%	0
025.41	Iron, ICP, Dry ash	0405	1,376.0	8.0000	14,999	1,598.2	361.77	29	-8.52	45%	0
025.41	Iron, ICP, Dry ash	0598	1,753.0	6.0000	14,999	1,598.2	361.77	29	-8.29	44%	0
025.41	Iron, ICP, Dry ash	0550	9,812.5	237.75	14,999	1,598.2	361.77	29	-3.25	17%	0
025.41	Iron, ICP, Dry ash	0300	10,369	1,519.0	14,999	1,598.2	361.77	29	-2.90	15%	0
025.41	Iron, ICP, Dry ash	0123	13,893	45.000	14,999	1,598.2	361.77	29	-0.69	4%	0
025.41	Iron, ICP, Dry ash	0407	14,397	1.0000	14,999	1,598.2	361.77	29	-0.38	2%	0
025.41	Iron, ICP, Dry ash	0848	14,444	375.79	14,999	1,598.2	361.77	29	-0.35	2%	0
025.41	Iron, ICP, Dry ash	0003	14,445	30.000	14,999	1,598.2	361.77	29	-0.35	2%	0
025.41	Iron, ICP, Dry ash	0049	14,476	233.10	14,999	1,598.2	361.77	29	-0.33	2%	0

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025.41	Iron, ICP, Dry ash	0358	14,553	546.76	14,999	1,598.2	361.77	29	-0.28	1%	0
025.41	Iron, ICP, Dry ash	0226	14,733	374.00	14,999	1,598.2	361.77	29	-0.17	1%	0
025.41	Iron, ICP, Dry ash	0100	14,796	46.000	14,999	1,598.2	361.77	29	-0.13	1%	0
025.41	Iron, ICP, Dry ash	0019	14,900	660.00	14,999	1,598.2	361.77	29	-0.06	0%	0
025.41	Iron, ICP, Dry ash	0610	14,907	2.0000	14,999	1,598.2	361.77	29	-0.06	0%	0
025.41	Iron, ICP, Dry ash	0074	15,087	408.00	14,999	1,598.2	361.77	29	0.06	0%	0
025.41	Iron, ICP, Dry ash	0148	15,247	20.000	14,999	1,598.2	361.77	29	0.16	1%	0
025.41	Iron, ICP, Dry ash	0520	15,395	1,590.0	14,999	1,598.2	361.77	29	0.25	1%	0
025.41	Iron, ICP, Dry ash	0083	15,400	200.00	14,999	1,598.2	361.77	29	0.25	1%	0
025.41	Iron, ICP, Dry ash	0511	15,420	80.000	14,999	1,598.2	361.77	29	0.26	1%	0
025.41	Iron, ICP, Dry ash	0171	16,160	160.00	14,999	1,598.2	361.77	29	0.73	4%	0
025.41	Iron, ICP, Dry ash	0265	16,210	1,155.0	14,999	1,598.2	361.77	29	0.76	4%	0
025.41	Iron, ICP, Dry ash	0029	16,473	67.000	14,999	1,598.2	361.77	29	0.92	5%	0
025.41	Iron, ICP, Dry ash	0008	16,536	144.00	14,999	1,598.2	361.77	29	0.96	5%	0
025.41	Iron, ICP, Dry ash	0004	16,622	83.000	14,999	1,598.2	361.77	29	1.02	5%	0
025.41	Iron, ICP, Dry ash	0553	16,650	700.00	14,999	1,598.2	361.77	29	1.03	6%	0
025.41	Iron, ICP, Dry ash	0164	16,850	100.00	14,999	1,598.2	361.77	29	1.16	6%	0
025.41	Iron, ICP, Dry ash	0695	16,960	1,077.0	14,999	1,598.2	361.77	29	1.23	7%	0
025.41	Iron, ICP, Dry ash	0682	17,435	623.00	14,999	1,598.2	361.77	29	1.52	8%	0
025.42	Iron, ICP, Open vessel	0011	1.6283	0.00010	14,715	1,977.8	310.37	26	-7.44	50%	0
025.42	Iron, ICP, Open vessel	0168	547.00	14.000	14,715	1,977.8	310.37	26	-7.16	48%	0
025.42	Iron, ICP, Open vessel	0309	10,880	380.00	14,715	1,977.8	310.37	26	-1.94	13%	0
025.42	Iron, ICP, Open vessel	0613	11,352	947.00	14,715	1,977.8	310.37	26	-1.70	11%	0
025.42	Iron, ICP, Open vessel	0692	11,375	850.00	14,715	1,977.8	310.37	26	-1.69	11%	0
025.42	Iron, ICP, Open vessel	0187	12,808	8.0000	14,715	1,977.8	310.37	26	-0.96	6%	0
025.42	Iron, ICP, Open vessel	0160	13,326	495.00	14,715	1,977.8	310.37	26	-0.70	5%	0
025.42	Iron, ICP, Open vessel	0098	13,685	390.00	14,715	1,977.8	310.37	26	-0.52	3%	0
025.42	Iron, ICP, Open vessel	0106	13,750	100.00	14,715	1,977.8	310.37	26	-0.49	3%	0
025.42	Iron, ICP, Open vessel	0278	13,869	18.000	14,715	1,977.8	310.37	26	-0.43	3%	0
025.42	Iron, ICP, Open vessel	0037	14,115	130.00	14,715	1,977.8	310.37	26	-0.30	2%	0
025.42	Iron, ICP, Open vessel	0366	14,300	200.00	14,715	1,977.8	310.37	26	-0.21	1%	0
025.42	Iron, ICP, Open vessel	0726	15,023	145.00	14,715	1,977.8	310.37	26	0.16	1%	0
025.42	Iron, ICP, Open vessel	0190	15,148	105.00	14,715	1,977.8	310.37	26	0.22	1%	0
025.42	Iron, ICP, Open vessel	0512	15,405	250.00	14,715	1,977.8	310.37	26	0.35	2%	0
025.42	Iron, ICP, Open vessel	0413	15,700	800.00	14,715	1,977.8	310.37	26	0.50	3%	0
025.42	Iron, ICP, Open vessel	0567	15,712	283.00	14,715	1,977.8	310.37	26	0.50	3%	0
025.42	Iron, ICP, Open vessel	0199	15,988	262.00	14,715	1,977.8	310.37	26	0.64	4%	0
025.42	Iron, ICP, Open vessel	0560	16,143	13.000	14,715	1,977.8	310.37	26	0.72	5%	0
025.42	Iron, ICP, Open vessel	0021	16,305	150.00	14,715	1,977.8	310.37	26	0.80	5%	0
025.42	Iron, ICP, Open vessel	0045	16,350	100.00	14,715	1,977.8	310.37	26	0.83	6%	0
025.42	Iron, ICP, Open vessel	0035	16,370	0.00000	14,715	1,977.8	310.37	26	0.84	6%	0
025.42	Iron, ICP, Open vessel	0629	16,500	400.00	14,715	1,977.8	310.37	26	0.90	6%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
025.42	Iron, ICP, Open vessel	0202	16,626	454.00	14,715	1,977.8	310.37	26	0.97	6%	0
025.42	Iron, ICP, Open vessel	0693	16,934	757.00	14,715	1,977.8	310.37	26	1.12	8%	0
025.42	Iron, ICP, Open vessel	0864	20,359	818.60	14,715	1,977.8	310.37	26	2.85	19%	0
025.42	Iron, ICP, Open vessel	0870	9,531.5	1,457.0	14,715	1,977.8	310.37	26	-2.62	18%	1
025.43	Iron, ICP, Microwave	0294	430.89	1.5800	15,378	1,126.9	416.50	12	-13.26	49%	0
025.43	Iron, ICP, Microwave	0028	12,134	342.00	15,378	1,126.9	416.50	12	-2.88	11%	0
025.43	Iron, ICP, Microwave	0510	13,350	100.00	15,378	1,126.9	416.50	12	-1.80	7%	0
025.43	Iron, ICP, Microwave	0508	13,382	93.400	15,378	1,126.9	416.50	12	-1.77	6%	0
025.43	Iron, ICP, Microwave	0353	15,020	760.00	15,378	1,126.9	416.50	12	-0.32	1%	0
025.43	Iron, ICP, Microwave	0297	15,553	194.00	15,378	1,126.9	416.50	12	0.16	1%	0
025.43	Iron, ICP, Microwave	0588	15,642	162.00	15,378	1,126.9	416.50	12	0.23	1%	0
025.43	Iron, ICP, Microwave	0121	15,911	38.000	15,378	1,126.9	416.50	12	0.47	2%	0
025.43	Iron, ICP, Microwave	0026	16,175	650.00	15,378	1,126.9	416.50	12	0.71	3%	0
025.43	Iron, ICP, Microwave	0169	16,200	1,000.0	15,378	1,126.9	416.50	12	0.73	3%	0
025.43	Iron, ICP, Microwave	0042	16,259	1,457.0	15,378	1,126.9	416.50	12	0.78	3%	0
025.43	Iron, ICP, Microwave	0038	17,300	200.00	15,378	1,126.9	416.50	12	1.71	6%	0
025.43	Iron, ICP, Microwave	0616	13,600	2,800.0	15,378	1,126.9	416.50	12	-1.58	6%	1
025.52	Iron, ICP-MS, Open vessel	0154	13,768	1,033.2			1,033.2	1			
025.99	Iron, Miscellaneous	0673	14,839	140.00	16,719	2,477.8	146.75	5	-0.76	6%	0
025.99	Iron, Miscellaneous	0607	15,460	68.763	16,719	2,477.8	146.75	5	-0.51	4%	0
025.99	Iron, Miscellaneous	0229	15,784	68.000	16,719	2,477.8	146.75	5	-0.38	3%	0
025.99	Iron, Miscellaneous	0047	16,490	20.000	16,719	2,477.8	146.75	5	-0.09	1%	0
025.99	Iron, Miscellaneous	0889	21,022	437.00	16,719	2,477.8	146.75	5	1.74	13%	0
026.31	Lead, AAS, Dry ash	0689	2.4500	0.50000	3.5328	1.5312	0.27250	2	-0.71	15%	0
026.31	Lead, AAS, Dry ash	0866	4.6155	0.04500	3.5328	1.5312	0.27250	2	0.71	15%	0
026.42	Lead, ICP, Open vessel	0567	15.000	0.00000	21.847	6.5810	1.3613	3	-1.04	16%	0
026.42	Lead, ICP, Open vessel	0011	22.417	0.93400	21.847	6.5810	1.3613	3	0.09	1%	0
026.42	Lead, ICP, Open vessel	0021	28.125	3.1500	21.847	6.5810	1.3613	3	0.95	14%	0
026.43	Lead, ICP, Microwave	0508	8.9625	1.3890			1.3890	1			
026.52	Lead, ICP-MS, Open vessel	0154	9.3320	0.25000			0.25000	1			
026.99	Lead, Miscellaneous	0673	0.00000	0.00000	1.3525	1.9127	0.13500	2	-0.71	50%	0
026.99	Lead, Miscellaneous	0619	2.7050	0.27000	1.3525	1.9127	0.13500	2	0.71	50%	0
027.31	Magnesium, AAS, Dry ash	0628	2.5450	0.03000	2.7277	0.13569	0.05446	20	-1.35	3%	0
027.31	Magnesium, AAS, Dry ash	0563	2.5785	0.00500	2.7277	0.13569	0.05446	20	-1.10	3%	0
027.31	Magnesium, AAS, Dry ash	0305	2.5950	0.11000	2.7277	0.13569	0.05446	20	-0.98	2%	0
027.31	Magnesium, AAS, Dry ash	0529	2.5950	0.07000	2.7277	0.13569	0.05446	20	-0.98	2%	0
027.31	Magnesium, AAS, Dry ash	0884	2.6050	0.17000	2.7277	0.13569	0.05446	20	-0.90	2%	0
027.31	Magnesium, AAS, Dry ash	0669	2.6350	0.15000	2.7277	0.13569	0.05446	20	-0.68	2%	0
027.31	Magnesium, AAS, Dry ash	0142	2.6500	0.10000	2.7277	0.13569	0.05446	20	-0.57	1%	0
027.31	Magnesium, AAS, Dry ash	0175	2.6900	0.02000	2.7277	0.13569	0.05446	20	-0.28	1%	0
027.31	Magnesium, AAS, Dry ash	0505	2.7100	0.02000	2.7277	0.13569	0.05446	20	-0.13	0%	0
027.31	Magnesium, AAS, Dry ash	0650	2.7128	0.05510	2.7277	0.13569	0.05446	20	-0.11	0%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
027.31	Magnesium, AAS, Dry ash	0596	2.7500	0.10000	2.7277	0.13569	0.05446	20	0.16	0%	0
027.31	Magnesium, AAS, Dry ash	0354	2.7550	0.01000	2.7277	0.13569	0.05446	20	0.20	0%	0
027.31	Magnesium, AAS, Dry ash	0591	2.7600	0.02000	2.7277	0.13569	0.05446	20	0.24	1%	0
027.31	Magnesium, AAS, Dry ash	0638	2.7650	0.03000	2.7277	0.13569	0.05446	20	0.27	1%	0
027.31	Magnesium, AAS, Dry ash	0350	2.7745	0.09300	2.7277	0.13569	0.05446	20	0.34	1%	0
027.31	Magnesium, AAS, Dry ash	0868	2.7800	0.00000	2.7277	0.13569	0.05446	20	0.39	1%	0
027.31	Magnesium, AAS, Dry ash	0208	2.8665	0.04100	2.7277	0.13569	0.05446	20	1.02	3%	0
027.31	Magnesium, AAS, Dry ash	0646	3.1200	0.02000	2.7277	0.13569	0.05446	20	2.89	7%	0
027.31	Magnesium, AAS, Dry ash	0874	3.1755	0.03500	2.7277	0.13569	0.05446	20	3.30	8%	0
027.31	Magnesium, AAS, Dry ash	0720	4.4250	0.01000	2.7277	0.13569	0.05446	20	12.51	31%	0
027.31	Magnesium, AAS, Dry ash	0619	2.4050	0.29000	2.7277	0.13569	0.05446	20	-2.38	6%	1
027.32	Magnesium, AAS, Open vessel	0609	2.0650	0.01000	2.7460	0.17272	0.06239	8	-3.94	12%	0
027.32	Magnesium, AAS, Open vessel	0722	2.6277	0.01850	2.7460	0.17272	0.06239	8	-0.69	2%	0
027.32	Magnesium, AAS, Open vessel	0169	2.6800	0.00000	2.7460	0.17272	0.06239	8	-0.38	1%	0
027.32	Magnesium, AAS, Open vessel	0038	2.7050	0.21000	2.7460	0.17272	0.06239	8	-0.24	1%	0
027.32	Magnesium, AAS, Open vessel	0263	2.7413	0.00060	2.7460	0.17272	0.06239	8	-0.03	0%	0
027.32	Magnesium, AAS, Open vessel	0504	2.8250	0.13000	2.7460	0.17272	0.06239	8	0.46	1%	0
027.32	Magnesium, AAS, Open vessel	0014	2.9900	0.08000	2.7460	0.17272	0.06239	8	1.41	4%	0
027.32	Magnesium, AAS, Open vessel	0674	3.0750	0.05000	2.7460	0.17272	0.06239	8	1.90	6%	0
027.41	Magnesium, ICP, Dry ash	0405	2.1300	0.04000	2.7645	0.21652	0.07468	24	-2.93	11%	0
027.41	Magnesium, ICP, Dry ash	0550	2.1650	0.13600	2.7645	0.21652	0.07468	24	-2.77	11%	0
027.41	Magnesium, ICP, Dry ash	0049	2.5050	0.07000	2.7645	0.21652	0.07468	24	-1.20	5%	0
027.41	Magnesium, ICP, Dry ash	0358	2.5600	0.02000	2.7645	0.21652	0.07468	24	-0.94	4%	0
027.41	Magnesium, ICP, Dry ash	0148	2.6105	0.00500	2.7645	0.21652	0.07468	24	-0.71	3%	0
027.41	Magnesium, ICP, Dry ash	0675	2.6150	0.13000	2.7645	0.21652	0.07468	24	-0.69	3%	0
027.41	Magnesium, ICP, Dry ash	0300	2.6167	0.33340	2.7645	0.21652	0.07468	24	-0.68	3%	0
027.41	Magnesium, ICP, Dry ash	0171	2.6500	0.04000	2.7645	0.21652	0.07468	24	-0.53	2%	0
027.41	Magnesium, ICP, Dry ash	0265	2.6800	0.02000	2.7645	0.21652	0.07468	24	-0.39	2%	0
027.41	Magnesium, ICP, Dry ash	0164	2.6950	0.09000	2.7645	0.21652	0.07468	24	-0.32	1%	0
027.41	Magnesium, ICP, Dry ash	0083	2.7000	0.04000	2.7645	0.21652	0.07468	24	-0.30	1%	0
027.41	Magnesium, ICP, Dry ash	0520	2.7500	0.10000	2.7645	0.21652	0.07468	24	-0.07	0%	0
027.41	Magnesium, ICP, Dry ash	0511	2.7800	0.34000	2.7645	0.21652	0.07468	24	0.07	0%	0
027.41	Magnesium, ICP, Dry ash	0074	2.7950	0.03000	2.7645	0.21652	0.07468	24	0.14	1%	0
027.41	Magnesium, ICP, Dry ash	0029	2.8480	0.05600	2.7645	0.21652	0.07468	24	0.39	2%	0
027.41	Magnesium, ICP, Dry ash	0226	2.8650	0.05000	2.7645	0.21652	0.07468	24	0.46	2%	0
027.41	Magnesium, ICP, Dry ash	0695	2.8750	0.00690	2.7645	0.21652	0.07468	24	0.51	2%	0
027.41	Magnesium, ICP, Dry ash	0598	2.9075	0.05900	2.7645	0.21652	0.07468	24	0.66	3%	0
027.41	Magnesium, ICP, Dry ash	0610	2.9130	0.00600	2.7645	0.21652	0.07468	24	0.69	3%	0
027.41	Magnesium, ICP, Dry ash	0100	2.9250	0.05000	2.7645	0.21652	0.07468	24	0.74	3%	0
027.41	Magnesium, ICP, Dry ash	0553	2.9900	0.06000	2.7645	0.21652	0.07468	24	1.04	4%	0
027.41	Magnesium, ICP, Dry ash	0407	3.0100	0.02000	2.7645	0.21652	0.07468	24	1.13	4%	0
027.41	Magnesium, ICP, Dry ash	0682	3.1450	0.07000	2.7645	0.21652	0.07468	24	1.76	7%	0

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027.41	Magnesium, ICP, Dry ash	0003	3.3200	0.02000	2.7645	0.21652	0.07468	24	2.57	10%	0
027.41	Magnesium, ICP, Dry ash	0008	26,522	165.00	2.7645	0.21652	0.07468	24	122478.62	479624%	2
027.42	Magnesium, ICP, Open vessel	0168	0.22350	0.00300	2.6375	0.23690	0.07853	26	-10.19	46%	0
027.42	Magnesium, ICP, Open vessel	0870	1.6210	0.30600	2.6375	0.23690	0.07853	26	-4.29	19%	0
027.42	Magnesium, ICP, Open vessel	0692	2.2650	0.07000	2.6375	0.23690	0.07853	26	-1.57	7%	0
027.42	Magnesium, ICP, Open vessel	0309	2.2785	0.01500	2.6375	0.23690	0.07853	26	-1.52	7%	0
027.42	Magnesium, ICP, Open vessel	0278	2.3900	0.02000	2.6375	0.23690	0.07853	26	-1.04	5%	0
027.42	Magnesium, ICP, Open vessel	0366	2.4800	0.14000	2.6375	0.23690	0.07853	26	-0.67	3%	0
027.42	Magnesium, ICP, Open vessel	0106	2.4850	0.01000	2.6375	0.23690	0.07853	26	-0.64	3%	0
027.42	Magnesium, ICP, Open vessel	0629	2.5100	0.04000	2.6375	0.23690	0.07853	26	-0.54	2%	0
027.42	Magnesium, ICP, Open vessel	0098	2.5150	0.01000	2.6375	0.23690	0.07853	26	-0.52	2%	0
027.42	Magnesium, ICP, Open vessel	0613	2.5450	0.07000	2.6375	0.23690	0.07853	26	-0.39	2%	0
027.42	Magnesium, ICP, Open vessel	0160	2.6330	0.13800	2.6375	0.23690	0.07853	26	-0.02	0%	0
027.42	Magnesium, ICP, Open vessel	0021	2.6665	0.15300	2.6375	0.23690	0.07853	26	0.12	1%	0
027.42	Magnesium, ICP, Open vessel	0011	2.6729	0.06890	2.6375	0.23690	0.07853	26	0.15	1%	0
027.42	Magnesium, ICP, Open vessel	0187	2.6900	0.00000	2.6375	0.23690	0.07853	26	0.22	1%	0
027.42	Magnesium, ICP, Open vessel	0186	2.6950	0.07000	2.6375	0.23690	0.07853	26	0.24	1%	0
027.42	Magnesium, ICP, Open vessel	0357	2.7100	0.06000	2.6375	0.23690	0.07853	26	0.31	1%	0
027.42	Magnesium, ICP, Open vessel	0567	2.7200	0.22000	2.6375	0.23690	0.07853	26	0.35	2%	0
027.42	Magnesium, ICP, Open vessel	0199	2.7350	0.01000	2.6375	0.23690	0.07853	26	0.41	2%	0
027.42	Magnesium, ICP, Open vessel	0512	2.7750	0.01200	2.6375	0.23690	0.07853	26	0.58	3%	0
027.42	Magnesium, ICP, Open vessel	0190	2.8150	0.11000	2.6375	0.23690	0.07853	26	0.75	3%	0
027.42	Magnesium, ICP, Open vessel	0413	2.8550	0.23000	2.6375	0.23690	0.07853	26	0.92	4%	0
027.42	Magnesium, ICP, Open vessel	0864	2.8600	0.06000	2.6375	0.23690	0.07853	26	0.94	4%	0
027.42	Magnesium, ICP, Open vessel	0726	2.8680	0.00400	2.6375	0.23690	0.07853	26	0.97	4%	0
027.42	Magnesium, ICP, Open vessel	0560	2.8770	0.06200	2.6375	0.23690	0.07853	26	1.01	5%	0
027.42	Magnesium, ICP, Open vessel	0504	2.8950	0.09000	2.6375	0.23690	0.07853	26	1.09	5%	0
027.42	Magnesium, ICP, Open vessel	0202	3.0550	0.07000	2.6375	0.23690	0.07853	26	1.76	8%	0
027.42	Magnesium, ICP, Open vessel	0693	2.6400	0.50000	2.6375	0.23690	0.07853	26	0.01	0%	1
027.43	Magnesium, ICP, Microwave	0294	0.26000	0.00000	2.7476	0.33258	0.13476	12	-7.48	45%	0
027.43	Magnesium, ICP, Microwave	0616	2.4150	0.43000	2.7476	0.33258	0.13476	12	-1.00	6%	0
027.43	Magnesium, ICP, Microwave	0510	2.4300	0.00000	2.7476	0.33258	0.13476	12	-0.96	6%	0
027.43	Magnesium, ICP, Microwave	0042	2.6000	0.48000	2.7476	0.33258	0.13476	12	-0.44	3%	0
027.43	Magnesium, ICP, Microwave	0297	2.6850	0.03000	2.7476	0.33258	0.13476	12	-0.19	1%	0
027.43	Magnesium, ICP, Microwave	0121	2.6950	0.00200	2.7476	0.33258	0.13476	12	-0.16	1%	0
027.43	Magnesium, ICP, Microwave	0508	2.8013	0.02710	2.7476	0.33258	0.13476	12	0.16	1%	0
027.43	Magnesium, ICP, Microwave	0038	2.8050	0.03000	2.7476	0.33258	0.13476	12	0.17	1%	0
027.43	Magnesium, ICP, Microwave	0026	2.8300	0.00000	2.7476	0.33258	0.13476	12	0.25	1%	0
027.43	Magnesium, ICP, Microwave	0353	3.0100	0.02000	2.7476	0.33258	0.13476	12	0.79	5%	0
027.43	Magnesium, ICP, Microwave	0028	13.841	0.58800	2.7476	0.33258	0.13476	12	33.36	202%	0
027.43	Magnesium, ICP, Microwave	0588	28.365	0.01000	2.7476	0.33258	0.13476	12	77.03	466%	0
027.52	Magnesium, ICP-MS, Open vessel	0154	2.3310	0.16470			0.16470	1			

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027.53	Magnesium, ICP-MS, Microwave	0572	2.5750	0.05000			0.05000	1			
027.99	Magnesium, Miscellaneous	0229	2.6650	0.01000			0.01000	1			
028.31	Manganese, AAS, Dry ash	0638	326.00	4.0000	4,407.8	181.16	71.357	22	-22.53	46%	0
028.31	Manganese, AAS, Dry ash	0720	2,550.8	12.230	4,407.8	181.16	71.357	22	-10.25	21%	0
028.31	Manganese, AAS, Dry ash	0646	3,572.2	42.330	4,407.8	181.16	71.357	22	-4.61	9%	0
028.31	Manganese, AAS, Dry ash	0529	4,150.0	100.00	4,407.8	181.16	71.357	22	-1.42	3%	0
028.31	Manganese, AAS, Dry ash	0305	4,202.4	162.66	4,407.8	181.16	71.357	22	-1.13	2%	0
028.31	Manganese, AAS, Dry ash	0175	4,300.0	200.00	4,407.8	181.16	71.357	22	-0.60	1%	0
028.31	Manganese, AAS, Dry ash	0563	4,321.5	1.0000	4,407.8	181.16	71.357	22	-0.48	1%	0
028.31	Manganese, AAS, Dry ash	0178	4,326.0	142.00	4,407.8	181.16	71.357	22	-0.45	1%	0
028.31	Manganese, AAS, Dry ash	0590	4,351.0	32.000	4,407.8	181.16	71.357	22	-0.31	1%	0
028.31	Manganese, AAS, Dry ash	0689	4,368.5	49.000	4,407.8	181.16	71.357	22	-0.22	0%	0
028.31	Manganese, AAS, Dry ash	0723	4,423.0	6.0000	4,407.8	181.16	71.357	22	0.08	0%	0
028.31	Manganese, AAS, Dry ash	0669	4,452.3	105.62	4,407.8	181.16	71.357	22	0.25	1%	0
028.31	Manganese, AAS, Dry ash	0505	4,460.0	20.000	4,407.8	181.16	71.357	22	0.29	1%	0
028.31	Manganese, AAS, Dry ash	0596	4,467.0	106.00	4,407.8	181.16	71.357	22	0.33	1%	0
028.31	Manganese, AAS, Dry ash	0509	4,475.0	66.000	4,407.8	181.16	71.357	22	0.37	1%	0
028.31	Manganese, AAS, Dry ash	0628	4,491.0	6.0000	4,407.8	181.16	71.357	22	0.46	1%	0
028.31	Manganese, AAS, Dry ash	0354	4,523.7	53.520	4,407.8	181.16	71.357	22	0.64	1%	0
028.31	Manganese, AAS, Dry ash	0350	4,534.0	2.0000	4,407.8	181.16	71.357	22	0.70	1%	0
028.31	Manganese, AAS, Dry ash	0208	4,585.0	70.000	4,407.8	181.16	71.357	22	0.98	2%	0
028.31	Manganese, AAS, Dry ash	0619	4,595.0	30.000	4,407.8	181.16	71.357	22	1.03	2%	0
028.31	Manganese, AAS, Dry ash	0884	4,699.5	278.50	4,407.8	181.16	71.357	22	1.61	3%	0
028.31	Manganese, AAS, Dry ash	0868	9,753.5	81.000	4,407.8	181.16	71.357	22	29.51	61%	0
028.32	Manganese, AAS, Open vessel	0612	4,075.0	30.000	4,385.5	156.61	54.675	9	-1.98	4%	0
028.32	Manganese, AAS, Open vessel	0001	4,212.5	19.000	4,385.5	156.61	54.675	9	-1.10	2%	0
028.32	Manganese, AAS, Open vessel	0036	4,230.0	20.000	4,385.5	156.61	54.675	9	-0.99	2%	0
028.32	Manganese, AAS, Open vessel	0722	4,411.2	115.08	4,385.5	156.61	54.675	9	0.16	0%	0
028.32	Manganese, AAS, Open vessel	0038	4,415.0	52.000	4,385.5	156.61	54.675	9	0.19	0%	0
028.32	Manganese, AAS, Open vessel	0504	4,422.0	80.000	4,385.5	156.61	54.675	9	0.23	0%	0
028.32	Manganese, AAS, Open vessel	0010	4,440.0	100.00	4,385.5	156.61	54.675	9	0.35	1%	0
028.32	Manganese, AAS, Open vessel	0263	4,504.0	20.000	4,385.5	156.61	54.675	9	0.76	1%	0
028.32	Manganese, AAS, Open vessel	0014	4,867.0	56.000	4,385.5	156.61	54.675	9	3.07	5%	0
028.32	Manganese, AAS, Open vessel	0013	4,915.0	310.00	4,385.5	156.61	54.675	9	3.38	6%	1
028.33	Manganese, AAS, Microwave	0033	4,104.0	104.00	4,132.0	39.598	62.000	2	-0.71	0%	0
028.33	Manganese, AAS, Microwave	0716	4,160.0	20.000	4,132.0	39.598	62.000	2	0.71	0%	0
028.41	Manganese, ICP, Dry ash	0405	1,268.5	23.000	4,458.7	300.65	140.80	28	-10.61	36%	0
028.41	Manganese, ICP, Dry ash	0300	3,278.5	645.00	4,458.7	300.65	140.80	28	-3.93	13%	0
028.41	Manganese, ICP, Dry ash	0049	3,283.1	122.82	4,458.7	300.65	140.80	28	-3.91	13%	0
028.41	Manganese, ICP, Dry ash	0407	3,966.0	4.0000	4,458.7	300.65	140.80	28	-1.64	6%	0
028.41	Manganese, ICP, Dry ash	0520	3,986.5	105.00	4,458.7	300.65	140.80	28	-1.57	5%	0
028.41	Manganese, ICP, Dry ash	0123	4,046.0	164.00	4,458.7	300.65	140.80	28	-1.37	5%	0

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			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
028.41	Manganese, ICP, Dry ash	0100	4,204.5	51.000	4,458.7	300.65	140.80	28	-0.85	3%	0
028.41	Manganese, ICP, Dry ash	0550	4,309.1	334.66	4,458.7	300.65	140.80	28	-0.50	2%	0
028.41	Manganese, ICP, Dry ash	0148	4,326.5	7.0000	4,458.7	300.65	140.80	28	-0.44	1%	0
028.41	Manganese, ICP, Dry ash	0074	4,369.5	97.000	4,458.7	300.65	140.80	28	-0.30	1%	0
028.41	Manganese, ICP, Dry ash	0019	4,375.0	164.00	4,458.7	300.65	140.80	28	-0.28	1%	0
028.41	Manganese, ICP, Dry ash	0226	4,412.0	398.00	4,458.7	300.65	140.80	28	-0.16	1%	0
028.41	Manganese, ICP, Dry ash	0675	4,437.4	53.390	4,458.7	300.65	140.80	28	-0.07	0%	0
028.41	Manganese, ICP, Dry ash	0083	4,440.0	80.000	4,458.7	300.65	140.80	28	-0.06	0%	0
028.41	Manganese, ICP, Dry ash	0004	4,523.5	41.000	4,458.7	300.65	140.80	28	0.22	1%	0
028.41	Manganese, ICP, Dry ash	0358	4,529.5	129.26	4,458.7	300.65	140.80	28	0.24	1%	0
028.41	Manganese, ICP, Dry ash	0598	4,531.0	4.0000	4,458.7	300.65	140.80	28	0.24	1%	0
028.41	Manganese, ICP, Dry ash	0029	4,531.5	77.000	4,458.7	300.65	140.80	28	0.24	1%	0
028.41	Manganese, ICP, Dry ash	0848	4,537.4	84.520	4,458.7	300.65	140.80	28	0.26	1%	0
028.41	Manganese, ICP, Dry ash	0171	4,622.5	89.000	4,458.7	300.65	140.80	28	0.54	2%	0
028.41	Manganese, ICP, Dry ash	0610	4,644.0	6.0000	4,458.7	300.65	140.80	28	0.62	2%	0
028.41	Manganese, ICP, Dry ash	0164	4,670.0	40.000	4,458.7	300.65	140.80	28	0.70	2%	0
028.41	Manganese, ICP, Dry ash	0008	4,742.8	68.810	4,458.7	300.65	140.80	28	0.94	3%	0
028.41	Manganese, ICP, Dry ash	0511	4,763.5	249.00	4,458.7	300.65	140.80	28	1.01	3%	0
028.41	Manganese, ICP, Dry ash	0553	4,805.0	150.00	4,458.7	300.65	140.80	28	1.15	4%	0
028.41	Manganese, ICP, Dry ash	0695	4,820.4	581.87	4,458.7	300.65	140.80	28	1.20	4%	0
028.41	Manganese, ICP, Dry ash	0003	5,008.0	6.0000	4,458.7	300.65	140.80	28	1.83	6%	0
028.41	Manganese, ICP, Dry ash	0682	5,305.5	167.00	4,458.7	300.65	140.80	28	2.82	9%	0
028.41	Manganese, ICP, Dry ash	0265	4,805.0	1,098.0	4,458.7	300.65	140.80	28	1.15	4%	1
028.42	Manganese, ICP, Open vessel	0011	0.52645	0.01070	4,352.1	362.64	103.75	27	-12.00	50%	0
028.42	Manganese, ICP, Open vessel	0168	309.00	2.0000	4,352.1	362.64	103.75	27	-11.15	46%	0
028.42	Manganese, ICP, Open vessel	0613	3,346.3	325.40	4,352.1	362.64	103.75	27	-2.77	12%	0
028.42	Manganese, ICP, Open vessel	0309	3,353.5	107.00	4,352.1	362.64	103.75	27	-2.75	11%	0
028.42	Manganese, ICP, Open vessel	0692	3,585.0	190.00	4,352.1	362.64	103.75	27	-2.12	9%	0
028.42	Manganese, ICP, Open vessel	0160	3,842.0	138.00	4,352.1	362.64	103.75	27	-1.41	6%	0
028.42	Manganese, ICP, Open vessel	0186	4,019.5	91.000	4,352.1	362.64	103.75	27	-0.92	4%	0
028.42	Manganese, ICP, Open vessel	0098	4,045.5	65.000	4,352.1	362.64	103.75	27	-0.85	4%	0
028.42	Manganese, ICP, Open vessel	0037	4,088.0	68.000	4,352.1	362.64	103.75	27	-0.73	3%	0
028.42	Manganese, ICP, Open vessel	0278	4,234.0	22.000	4,352.1	362.64	103.75	27	-0.33	1%	0
028.42	Manganese, ICP, Open vessel	0187	4,368.0	62.000	4,352.1	362.64	103.75	27	0.04	0%	0
028.42	Manganese, ICP, Open vessel	0357	4,377.0	404.00	4,352.1	362.64	103.75	27	0.07	0%	0
028.42	Manganese, ICP, Open vessel	0190	4,401.0	18.000	4,352.1	362.64	103.75	27	0.13	1%	0
028.42	Manganese, ICP, Open vessel	0726	4,401.0	18.000	4,352.1	362.64	103.75	27	0.13	1%	0
028.42	Manganese, ICP, Open vessel	0512	4,445.0	26.000	4,352.1	362.64	103.75	27	0.26	1%	0
028.42	Manganese, ICP, Open vessel	0413	4,450.0	260.00	4,352.1	362.64	103.75	27	0.27	1%	0
028.42	Manganese, ICP, Open vessel	0106	4,480.0	40.000	4,352.1	362.64	103.75	27	0.35	1%	0
028.42	Manganese, ICP, Open vessel	0045	4,505.0	30.000	4,352.1	362.64	103.75	27	0.42	2%	0
028.42	Manganese, ICP, Open vessel	0366	4,545.0	110.00	4,352.1	362.64	103.75	27	0.53	2%	0



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028.42	Manganese, ICP, Open vessel	0629	4,590.0	0.00000	4,352.1	362.64	103.75	27	0.66	3%	0
028.42	Manganese, ICP, Open vessel	0560	4,590.5	23.000	4,352.1	362.64	103.75	27	0.66	3%	0
028.42	Manganese, ICP, Open vessel	0021	4,608.0	166.00	4,352.1	362.64	103.75	27	0.71	3%	0
028.42	Manganese, ICP, Open vessel	0035	4,619.0	2.0000	4,352.1	362.64	103.75	27	0.74	3%	0
028.42	Manganese, ICP, Open vessel	0202	4,650.4	28.200	4,352.1	362.64	103.75	27	0.82	3%	0
028.42	Manganese, ICP, Open vessel	0693	4,821.0	148.00	4,352.1	362.64	103.75	27	1.29	5%	0
028.42	Manganese, ICP, Open vessel	0567	4,895.5	291.00	4,352.1	362.64	103.75	27	1.50	6%	0
028.42	Manganese, ICP, Open vessel	0864	5,738.7	166.62	4,352.1	362.64	103.75	27	3.82	16%	0
028.42	Manganese, ICP, Open vessel	0870	2,767.0	552.00	4,352.1	362.64	103.75	27	-4.37	18%	1
028.43	Manganese, ICP, Microwave	0294	57.750	0.50000	4,222.9	501.65	150.90	13	-8.30	49%	0
028.43	Manganese, ICP, Microwave	0616	3,765.0	530.00	4,222.9	501.65	150.90	13	-0.91	5%	0
028.43	Manganese, ICP, Microwave	0028	3,767.5	145.00	4,222.9	501.65	150.90	13	-0.91	5%	0
028.43	Manganese, ICP, Microwave	0508	3,838.7	80.200	4,222.9	501.65	150.90	13	-0.77	5%	0
028.43	Manganese, ICP, Microwave	0510	4,000.0	20.000	4,222.9	501.65	150.90	13	-0.44	3%	0
028.43	Manganese, ICP, Microwave	0353	4,058.5	73.000	4,222.9	501.65	150.90	13	-0.33	2%	0
028.43	Manganese, ICP, Microwave	0042	4,248.0	460.00	4,222.9	501.65	150.90	13	0.05	0%	0
028.43	Manganese, ICP, Microwave	0297	4,412.0	56.000	4,222.9	501.65	150.90	13	0.38	2%	0
028.43	Manganese, ICP, Microwave	0588	4,449.5	15.000	4,222.9	501.65	150.90	13	0.45	3%	0
028.43	Manganese, ICP, Microwave	0026	4,550.0	100.00	4,222.9	501.65	150.90	13	0.65	4%	0
028.43	Manganese, ICP, Microwave	0169	4,675.0	250.00	4,222.9	501.65	150.90	13	0.90	5%	0
028.43	Manganese, ICP, Microwave	0038	4,820.0	120.00	4,222.9	501.65	150.90	13	1.19	7%	0
028.43	Manganese, ICP, Microwave	0121	4,843.5	112.00	4,222.9	501.65	150.90	13	1.24	7%	0
028.52	Manganese, ICP-MS, Open vessel	0154	3,942.6	21.800			21.800	1			
028.53	Manganese, ICP-MS, Microwave	0572	4,104.5	61.000			61.000	1			
028.99	Manganese, Miscellaneous	0673	4,217.5	35.000	4,473.8	225.88	51.884	4	-1.13	3%	0
028.99	Manganese, Miscellaneous	0607	4,436.4	41.536	4,473.8	225.88	51.884	4	-0.17	0%	0
028.99	Manganese, Miscellaneous	0229	4,474.5	25.000	4,473.8	225.88	51.884	4	0.00	0%	0
028.99	Manganese, Miscellaneous	0047	4,767.0	106.00	4,473.8	225.88	51.884	4	1.30	3%	0
029.99	Mercury, Miscellaneous	0866	0.01850	0.00020			0.00020	1			
031.01	Phosphorus, Photometric	0871	0.01000	0.00000	0.04154	0.02168	0.00578	18	-1.46	38%	0
031.01	Phosphorus, Photometric	0208	0.01300	0.00200	0.04154	0.02168	0.00578	18	-1.32	34%	0
031.01	Phosphorus, Photometric	0658	0.01515	0.00530	0.04154	0.02168	0.00578	18	-1.22	32%	0
031.01	Phosphorus, Photometric	0619	0.02600	0.00000	0.04154	0.02168	0.00578	18	-0.72	19%	0
031.01	Phosphorus, Photometric	0354	0.03000	0.00000	0.04154	0.02168	0.00578	18	-0.53	14%	0
031.01	Phosphorus, Photometric	0665	0.03000	0.00000	0.04154	0.02168	0.00578	18	-0.53	14%	0
031.01	Phosphorus, Photometric	0350	0.03300	0.00200	0.04154	0.02168	0.00578	18	-0.39	10%	0
031.01	Phosphorus, Photometric	0868	0.03300	0.01200	0.04154	0.02168	0.00578	18	-0.39	10%	0
031.01	Phosphorus, Photometric	0596	0.04000	0.00000	0.04154	0.02168	0.00578	18	-0.07	2%	0
031.01	Phosphorus, Photometric	0670	0.04000	0.00000	0.04154	0.02168	0.00578	18	-0.07	2%	0
031.01	Phosphorus, Photometric	0305	0.04500	0.01000	0.04154	0.02168	0.00578	18	0.16	4%	0
031.01	Phosphorus, Photometric	0874	0.04550	0.00060	0.04154	0.02168	0.00578	18	0.18	5%	0
031.01	Phosphorus, Photometric	0674	0.05000	0.02000	0.04154	0.02168	0.00578	18	0.39	10%	0

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031.01	Phosphorus, Photometric	0722	0.10010	0.00220	0.04154	0.02168	0.00578	18	2.70	70%	0
031.01	Phosphorus, Photometric	0108	0.11000	0.02000	0.04154	0.02168	0.00578	18	3.16	82%	0
031.01	Phosphorus, Photometric	0142	0.11000	0.02000	0.04154	0.02168	0.00578	18	3.16	82%	0
031.01	Phosphorus, Photometric	0194	0.33500	0.01000	0.04154	0.02168	0.00578	18	13.54	353%	0
031.01	Phosphorus, Photometric	0609	0.39000	0.00000	0.04154	0.02168	0.00578	18	16.07	419%	0
031.01	Phosphorus, Photometric	0038	0.03150	0.06300	0.04154	0.02168	0.00578	18	-0.46	12%	1
031.03	Phosphorus, Autoanalyzer	0169	0.03000	0.00000	0.20683	0.28871	0.00700	3	-0.61	43%	0
031.03	Phosphorus, Autoanalyzer	0504	0.05050	0.00100	0.20683	0.28871	0.00700	3	-0.54	38%	0
031.03	Phosphorus, Autoanalyzer	0720	0.54000	0.02000	0.20683	0.28871	0.00700	3	1.15	81%	0
031.06	Phosphorus, Hach Method	0138	0.03500	0.01000			0.01000	1			
031.41	Phosphorus, ICP, Dry ash	0148	0.00000	0.00000	0.06481	0.06100	0.00868	19	-1.06	50%	0
031.41	Phosphorus, ICP, Dry ash	0226	0.00000	0.00000	0.06481	0.06100	0.00868	19	-1.06	50%	0
031.41	Phosphorus, ICP, Dry ash	0520	0.00650	0.00700	0.06481	0.06100	0.00868	19	-0.96	45%	0
031.41	Phosphorus, ICP, Dry ash	0265	0.01000	0.02000	0.06481	0.06100	0.00868	19	-0.90	42%	0
031.41	Phosphorus, ICP, Dry ash	0695	0.01000	0.00000	0.06481	0.06100	0.00868	19	-0.90	42%	0
031.41	Phosphorus, ICP, Dry ash	0049	0.02000	0.00000	0.06481	0.06100	0.00868	19	-0.73	35%	0
031.41	Phosphorus, ICP, Dry ash	0358	0.02000	0.00000	0.06481	0.06100	0.00868	19	-0.73	35%	0
031.41	Phosphorus, ICP, Dry ash	0682	0.03500	0.01000	0.06481	0.06100	0.00868	19	-0.49	23%	0
031.41	Phosphorus, ICP, Dry ash	0008	0.05100	0.00000	0.06481	0.06100	0.00868	19	-0.23	11%	0
031.41	Phosphorus, ICP, Dry ash	0407	0.05100	0.00200	0.06481	0.06100	0.00868	19	-0.23	11%	0
031.41	Phosphorus, ICP, Dry ash	0164	0.06400	0.00000	0.06481	0.06100	0.00868	19	-0.01	1%	0
031.41	Phosphorus, ICP, Dry ash	0083	0.09000	0.00000	0.06481	0.06100	0.00868	19	0.41	19%	0
031.41	Phosphorus, ICP, Dry ash	0628	0.09000	0.00000	0.06481	0.06100	0.00868	19	0.41	19%	0
031.41	Phosphorus, ICP, Dry ash	0675	0.10000	0.00000	0.06481	0.06100	0.00868	19	0.58	27%	0
031.41	Phosphorus, ICP, Dry ash	0144	0.11500	0.03000	0.06481	0.06100	0.00868	19	0.82	39%	0
031.41	Phosphorus, ICP, Dry ash	0171	0.17000	0.02000	0.06481	0.06100	0.00868	19	1.72	81%	0
031.41	Phosphorus, ICP, Dry ash	0100	0.27000	0.04000	0.06481	0.06100	0.00868	19	3.36	158%	0
031.41	Phosphorus, ICP, Dry ash	0550	0.30400	0.01600	0.06481	0.06100	0.00868	19	3.92	185%	0
031.41	Phosphorus, ICP, Dry ash	0405	0.36000	0.02000	0.06481	0.06100	0.00868	19	4.84	228%	0
031.41	Phosphorus, ICP, Dry ash	0003	0.60500	0.07000	0.06481	0.06100	0.00868	19	8.86	417%	1
031.42	Phosphorus, ICP, Open vessel	0504	0.00000	0.00000	0.05559	0.05542	0.00672	15	-1.00	50%	0
031.42	Phosphorus, ICP, Open vessel	0613	0.00000	0.00000	0.05559	0.05542	0.00672	15	-1.00	50%	0
031.42	Phosphorus, ICP, Open vessel	0864	0.00000	0.00000	0.05559	0.05542	0.00672	15	-1.00	50%	0
031.42	Phosphorus, ICP, Open vessel	0187	0.01780	0.00160	0.05559	0.05542	0.00672	15	-0.68	34%	0
031.42	Phosphorus, ICP, Open vessel	0160	0.02275	0.00150	0.05559	0.05542	0.00672	15	-0.59	30%	0
031.42	Phosphorus, ICP, Open vessel	0199	0.02400	0.00000	0.05559	0.05542	0.00672	15	-0.57	28%	0
031.42	Phosphorus, ICP, Open vessel	0560	0.02510	0.00220	0.05559	0.05542	0.00672	15	-0.55	27%	0
031.42	Phosphorus, ICP, Open vessel	0567	0.04500	0.01000	0.05559	0.05542	0.00672	15	-0.19	10%	0
031.42	Phosphorus, ICP, Open vessel	0692	0.06000	0.00000	0.05559	0.05542	0.00672	15	0.08	4%	0
031.42	Phosphorus, ICP, Open vessel	0278	0.07000	0.02000	0.05559	0.05542	0.00672	15	0.26	13%	0
031.42	Phosphorus, ICP, Open vessel	0693	0.08400	0.00000	0.05559	0.05542	0.00672	15	0.51	26%	0
031.42	Phosphorus, ICP, Open vessel	0309	0.09000	0.02000	0.05559	0.05542	0.00672	15	0.62	31%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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031.42	Phosphorus, ICP, Open vessel	0870	0.13335	0.02250	0.05559	0.05542	0.00672	15	1.40	70%	0
031.42	Phosphorus, ICP, Open vessel	0357	0.32000	0.00000	0.05559	0.05542	0.00672	15	4.77	238%	0
031.42	Phosphorus, ICP, Open vessel	0168	1.0465	0.02300	0.05559	0.05542	0.00672	15	17.88	891%	0
031.42	Phosphorus, ICP, Open vessel	0300	0.29080	0.12840	0.05559	0.05542	0.00672	15	4.24	212%	1
031.43	Phosphorus, ICP, Microwave	0038	0.02400	0.00000	0.09877	0.08012	0.00566	7	-0.93	38%	0
031.43	Phosphorus, ICP, Microwave	0508	0.02540	0.00560	0.09877	0.08012	0.00566	7	-0.92	37%	0
031.43	Phosphorus, ICP, Microwave	0353	0.05500	0.01000	0.09877	0.08012	0.00566	7	-0.55	22%	0
031.43	Phosphorus, ICP, Microwave	0297	0.07000	0.00000	0.09877	0.08012	0.00566	7	-0.36	15%	0
031.43	Phosphorus, ICP, Microwave	0028	0.22500	0.01000	0.09877	0.08012	0.00566	7	1.58	64%	0
031.43	Phosphorus, ICP, Microwave	0294	0.26000	0.00000	0.09877	0.08012	0.00566	7	2.01	82%	0
031.43	Phosphorus, ICP, Microwave	0588	0.53200	0.01400	0.09877	0.08012	0.00566	7	5.41	219%	0
031.43	Phosphorus, ICP, Microwave	0042	0.31850	0.06300	0.09877	0.08012	0.00566	7	2.74	111%	1
031.52	Phosphorus, ICP-MS, Open vessel	0154	0.01875	0.00010			0.00010	1			
031.53	Phosphorus, ICP-MS, Microwave	0572	0.01900	0.00600			0.00600	1			
031.99	Phosphorus, Miscellaneous	0673	0.00000	0.00000	0.13500	0.19092	0.00000	2	-0.71	50%	0
031.99	Phosphorus, Miscellaneous	0889	0.27000	0.00000	0.13500	0.19092	0.00000	2	0.71	50%	0
032.02	Potassium, Flame Emission	0504	0.09310	0.00300	0.88603	0.69506	0.02433	3	-1.14	45%	0
032.02	Potassium, Flame Emission	0108	1.1750	0.05000	0.88603	0.69506	0.02433	3	0.42	16%	0
032.02	Potassium, Flame Emission	0665	1.3900	0.02000	0.88603	0.69506	0.02433	3	0.73	28%	0
032.31	Potassium, AAS, Dry ash	0142	0.00000	0.00000	0.09960	0.02934	0.00560	14	-3.39	50%	0
032.31	Potassium, AAS, Dry ash	0529	0.06100	0.00200	0.09960	0.02934	0.00560	14	-1.32	19%	0
032.31	Potassium, AAS, Dry ash	0670	0.07840	0.00440	0.09960	0.02934	0.00560	14	-0.72	11%	0
032.31	Potassium, AAS, Dry ash	0874	0.08170	0.00400	0.09960	0.02934	0.00560	14	-0.61	9%	0
032.31	Potassium, AAS, Dry ash	0650	0.08500	0.01000	0.09960	0.02934	0.00560	14	-0.50	7%	0
032.31	Potassium, AAS, Dry ash	0619	0.09000	0.00400	0.09960	0.02934	0.00560	14	-0.33	5%	0
032.31	Potassium, AAS, Dry ash	0208	0.09350	0.00100	0.09960	0.02934	0.00560	14	-0.21	3%	0
032.31	Potassium, AAS, Dry ash	0305	0.10000	0.00000	0.09960	0.02934	0.00560	14	0.01	0%	0
032.31	Potassium, AAS, Dry ash	0596	0.10500	0.01000	0.09960	0.02934	0.00560	14	0.18	3%	0
032.31	Potassium, AAS, Dry ash	0175	0.11000	0.02000	0.09960	0.02934	0.00560	14	0.35	5%	0
032.31	Potassium, AAS, Dry ash	0868	0.12850	0.00300	0.09960	0.02934	0.00560	14	0.98	15%	0
032.31	Potassium, AAS, Dry ash	0628	0.13500	0.01000	0.09960	0.02934	0.00560	14	1.21	18%	0
032.31	Potassium, AAS, Dry ash	0350	0.19700	0.00000	0.09960	0.02934	0.00560	14	3.32	49%	0
032.31	Potassium, AAS, Dry ash	0720	0.24500	0.01000	0.09960	0.02934	0.00560	14	4.96	73%	0
032.31	Potassium, AAS, Dry ash	0354	11.870	2.9200	0.09960	0.02934	0.00560	14	401.13	5909%	2
032.32	Potassium, AAS, Open vessel	0609	0.09000	0.02000	0.11883	0.04865	0.01300	3	-0.59	12%	0
032.32	Potassium, AAS, Open vessel	0038	0.09150	0.00900	0.11883	0.04865	0.01300	3	-0.56	12%	0
032.32	Potassium, AAS, Open vessel	0169	0.17500	0.01000	0.11883	0.04865	0.01300	3	1.15	24%	0
032.41	Potassium, ICP, Dry ash	0003	0.00000	0.00000	0.10711	0.03352	0.01541	20	-3.20	50%	0
032.41	Potassium, ICP, Dry ash	0049	0.08000	0.00000	0.10711	0.03352	0.01541	20	-0.81	13%	0
032.41	Potassium, ICP, Dry ash	0100	0.08000	0.02000	0.10711	0.03352	0.01541	20	-0.81	13%	0
032.41	Potassium, ICP, Dry ash	0358	0.08000	0.00000	0.10711	0.03352	0.01541	20	-0.81	13%	0
032.41	Potassium, ICP, Dry ash	0008	0.08020	0.00820	0.10711	0.03352	0.01541	20	-0.80	13%	0

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032.41	Potassium, ICP, Dry ash	0550	0.08200	0.01400	0.10711	0.03352	0.01541	20	-0.75	12%	0
032.41	Potassium, ICP, Dry ash	0682	0.08500	0.01000	0.10711	0.03352	0.01541	20	-0.66	10%	0
032.41	Potassium, ICP, Dry ash	0598	0.09415	0.01170	0.10711	0.03352	0.01541	20	-0.39	6%	0
032.41	Potassium, ICP, Dry ash	0144	0.10000	0.02000	0.10711	0.03352	0.01541	20	-0.21	3%	0
032.41	Potassium, ICP, Dry ash	0171	0.10100	0.01000	0.10711	0.03352	0.01541	20	-0.18	3%	0
032.41	Potassium, ICP, Dry ash	0407	0.10350	0.00500	0.10711	0.03352	0.01541	20	-0.11	2%	0
032.41	Potassium, ICP, Dry ash	0164	0.10500	0.01000	0.10711	0.03352	0.01541	20	-0.06	1%	0
032.41	Potassium, ICP, Dry ash	0300	0.10590	0.00620	0.10711	0.03352	0.01541	20	-0.04	1%	0
032.41	Potassium, ICP, Dry ash	0148	0.10750	0.00300	0.10711	0.03352	0.01541	20	0.01	0%	0
032.41	Potassium, ICP, Dry ash	0405	0.13500	0.03000	0.10711	0.03352	0.01541	20	0.83	13%	0
032.41	Potassium, ICP, Dry ash	0695	0.14000	0.02000	0.10711	0.03352	0.01541	20	0.98	15%	0
032.41	Potassium, ICP, Dry ash	0083	0.15500	0.01000	0.10711	0.03352	0.01541	20	1.43	22%	0
032.41	Potassium, ICP, Dry ash	0265	0.17000	0.06000	0.10711	0.03352	0.01541	20	1.88	29%	0
032.41	Potassium, ICP, Dry ash	0675	0.25500	0.03000	0.10711	0.03352	0.01541	20	4.41	69%	0
032.41	Potassium, ICP, Dry ash	0226	0.49000	0.04000	0.10711	0.03352	0.01541	20	11.42	179%	0
032.41	Potassium, ICP, Dry ash	0520	0.15500	0.11000	0.10711	0.03352	0.01541	20	1.43	22%	1
032.42	Potassium, ICP, Open vessel	0864	0.06000	0.00000	0.10302	0.01296	0.00772	17	-3.32	21%	0
032.42	Potassium, ICP, Open vessel	0870	0.06895	0.02850	0.10302	0.01296	0.00772	17	-2.63	17%	0
032.42	Potassium, ICP, Open vessel	0160	0.09055	0.00630	0.10302	0.01296	0.00772	17	-0.96	6%	0
032.42	Potassium, ICP, Open vessel	0560	0.09135	0.00730	0.10302	0.01296	0.00772	17	-0.90	6%	0
032.42	Potassium, ICP, Open vessel	0613	0.09500	0.01000	0.10302	0.01296	0.00772	17	-0.62	4%	0
032.42	Potassium, ICP, Open vessel	0504	0.09600	0.01000	0.10302	0.01296	0.00772	17	-0.54	3%	0
032.42	Potassium, ICP, Open vessel	0186	0.09800	0.00200	0.10302	0.01296	0.00772	17	-0.39	2%	0
032.42	Potassium, ICP, Open vessel	0199	0.10000	0.00000	0.10302	0.01296	0.00772	17	-0.23	1%	0
032.42	Potassium, ICP, Open vessel	0693	0.10250	0.01500	0.10302	0.01296	0.00772	17	-0.04	0%	0
032.42	Potassium, ICP, Open vessel	0021	0.10525	0.01330	0.10302	0.01296	0.00772	17	0.17	1%	0
032.42	Potassium, ICP, Open vessel	0187	0.10845	0.00090	0.10302	0.01296	0.00772	17	0.42	3%	0
032.42	Potassium, ICP, Open vessel	0567	0.11000	0.00000	0.10302	0.01296	0.00772	17	0.54	3%	0
032.42	Potassium, ICP, Open vessel	0629	0.11000	0.00000	0.10302	0.01296	0.00772	17	0.54	3%	0
032.42	Potassium, ICP, Open vessel	0357	0.11500	0.01000	0.10302	0.01296	0.00772	17	0.92	6%	0
032.42	Potassium, ICP, Open vessel	0366	0.14500	0.01000	0.10302	0.01296	0.00772	17	3.24	20%	0
032.42	Potassium, ICP, Open vessel	0309	0.14620	0.00800	0.10302	0.01296	0.00772	17	3.33	21%	0
032.42	Potassium, ICP, Open vessel	0278	0.25500	0.01000	0.10302	0.01296	0.00772	17	11.72	74%	0
032.42	Potassium, ICP, Open vessel	0692	0.21000	0.06000	0.10302	0.01296	0.00772	17	8.25	52%	1
032.42	Potassium, ICP, Open vessel	0168	1.0185	0.03100	0.10302	0.01296	0.00772	17	70.62	444%	2
032.43	Potassium, ICP, Microwave	0616	0.07000	0.00200	0.10956	0.02256	0.00433	8	-1.75	18%	0
032.43	Potassium, ICP, Microwave	0028	0.08500	0.01000	0.10956	0.02256	0.00433	8	-1.09	11%	0
032.43	Potassium, ICP, Microwave	0038	0.10500	0.00200	0.10956	0.02256	0.00433	8	-0.20	2%	0
032.43	Potassium, ICP, Microwave	0042	0.10750	0.00100	0.10956	0.02256	0.00433	8	-0.09	1%	0
032.43	Potassium, ICP, Microwave	0508	0.11250	0.00860	0.10956	0.02256	0.00433	8	0.13	1%	0
032.43	Potassium, ICP, Microwave	0297	0.12000	0.00000	0.10956	0.02256	0.00433	8	0.46	5%	0
032.43	Potassium, ICP, Microwave	0588	0.12650	0.00100	0.10956	0.02256	0.00433	8	0.75	8%	0

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032.43	Potassium, ICP, Microwave	0294	2.3150	0.01000	0.10956	0.02256	0.00433	8	97.75	1006%	0
032.43	Potassium, ICP, Microwave	0353	0.28500	0.05000	0.10956	0.02256	0.00433	8	7.78	80%	1
032.52	Potassium, ICP-MS, Open vessel	0154	0.08690	0.00020			0.00020	1			
032.53	Potassium, ICP-MS, Microwave	0572	0.09900	0.00800			0.00800	1			
032.99	Potassium, Miscellaneous	0673	0.10000	0.00000	0.14250	0.06010	0.00500	2	-0.71	15%	0
032.99	Potassium, Miscellaneous	0889	0.18500	0.01000	0.14250	0.06010	0.00500	2	0.71	15%	0
033.00	Salt, Sol Cl	0679	0.47000	0.00000	1.3333	0.10674	0.01919	12	-8.09	32%	0
033.00	Salt, Sol Cl	0849	1.2200	0.02000	1.3333	0.10674	0.01919	12	-1.06	4%	0
033.00	Salt, Sol Cl	0871	1.2450	0.03000	1.3333	0.10674	0.01919	12	-0.83	3%	0
033.00	Salt, Sol Cl	0596	1.3000	0.00000	1.3333	0.10674	0.01919	12	-0.31	1%	0
033.00	Salt, Sol Cl	0695	1.3050	0.01000	1.3333	0.10674	0.01919	12	-0.27	1%	0
033.00	Salt, Sol Cl	0309	1.3230	0.02030	1.3333	0.10674	0.01919	12	-0.10	0%	0
033.00	Salt, Sol Cl	0366	1.3300	0.04000	1.3333	0.10674	0.01919	12	-0.03	0%	0
033.00	Salt, Sol Cl	0504	1.3500	0.00000	1.3333	0.10674	0.01919	12	0.16	1%	0
033.00	Salt, Sol Cl	0160	1.4000	0.02000	1.3333	0.10674	0.01919	12	0.62	3%	0
033.00	Salt, Sol Cl	0353	1.4250	0.01000	1.3333	0.10674	0.01919	12	0.86	3%	0
033.00	Salt, Sol Cl	0567	1.4350	0.05000	1.3333	0.10674	0.01919	12	0.95	4%	0
033.00	Salt, Sol Cl	0675	1.5550	0.03000	1.3333	0.10674	0.01919	12	2.08	8%	0
033.00	Salt, Sol Cl	0693	1.0750	0.25000	1.3333	0.10674	0.01919	12	-2.42	10%	1
033.01	Salt, Poten Cl	0202	0.21000	0.02000	1.3889	0.04894	0.02323	19	-24.09	42%	0
033.01	Salt, Poten Cl	0650	0.47500	0.01000	1.3889	0.04894	0.02323	19	-18.68	33%	0
033.01	Salt, Poten Cl	0596	1.3000	0.00000	1.3889	0.04894	0.02323	19	-1.82	3%	0
033.01	Salt, Poten Cl	0278	1.3400	0.00000	1.3889	0.04894	0.02323	19	-1.00	2%	0
033.01	Salt, Poten Cl	0226	1.3600	0.04000	1.3889	0.04894	0.02323	19	-0.59	1%	0
033.01	Salt, Poten Cl	0413	1.3600	0.04000	1.3889	0.04894	0.02323	19	-0.59	1%	0
033.01	Salt, Poten Cl	0175	1.3750	0.05000	1.3889	0.04894	0.02323	19	-0.28	0%	0
033.01	Salt, Poten Cl	0407	1.3800	0.00000	1.3889	0.04894	0.02323	19	-0.18	0%	0
033.01	Salt, Poten Cl	0199	1.3900	0.00000	1.3889	0.04894	0.02323	19	0.02	0%	0
033.01	Salt, Poten Cl	0861	1.3900	0.02000	1.3889	0.04894	0.02323	19	0.02	0%	0
033.01	Salt, Poten Cl	0874	1.3925	0.03500	1.3889	0.04894	0.02323	19	0.07	0%	0
033.01	Salt, Poten Cl	0178	1.4000	0.02000	1.3889	0.04894	0.02323	19	0.23	0%	0
033.01	Salt, Poten Cl	0674	1.4000	0.08000	1.3889	0.04894	0.02323	19	0.23	0%	0
033.01	Salt, Poten Cl	0205	1.4200	0.00000	1.3889	0.04894	0.02323	19	0.64	1%	0
033.01	Salt, Poten Cl	0559	1.4250	0.01000	1.3889	0.04894	0.02323	19	0.74	1%	0
033.01	Salt, Poten Cl	0098	1.4350	0.03000	1.3889	0.04894	0.02323	19	0.94	2%	0
033.01	Salt, Poten Cl	0021	1.4379	0.00640	1.3889	0.04894	0.02323	19	1.00	2%	0
033.01	Salt, Poten Cl	0510	1.6250	0.01000	1.3889	0.04894	0.02323	19	4.83	9%	0
033.01	Salt, Poten Cl	0164	1.9950	0.07000	1.3889	0.04894	0.02323	19	12.39	22%	0
033.03	Salt, Quantab	0265	1.4100	0.00000	1.4600	0.07071	0.11000	2	-0.71	2%	0
033.03	Salt, Quantab	0879	1.5100	0.22000	1.4600	0.07071	0.11000	2	0.71	2%	0
033.04	Salt, Hach Method	0682	1.3400	0.00000			0.00000	1			
033.05	Salt, Ion Sel Electrode	0868	0.10000	0.00400			0.00400	1			

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033.99	Salt, Miscellaneous	0358	0.10000	0.00000	1.1590	0.59586	0.01400	5	-1.78	46%	0
033.99	Salt, Miscellaneous	0171	1.3300	0.00000	1.1590	0.59586	0.01400	5	0.29	7%	0
033.99	Salt, Miscellaneous	0673	1.4000	0.00000	1.1590	0.59586	0.01400	5	0.40	10%	0
033.99	Salt, Miscellaneous	0297	1.4500	0.06000	1.1590	0.59586	0.01400	5	0.49	13%	0
033.99	Salt, Miscellaneous	0619	1.5150	0.01000	1.1590	0.59586	0.01400	5	0.60	15%	0
034.01	Selenium, Fluor	0038	23.350	0.30000			0.30000	1			
034.04	Selenium, AA, Hydride	0619	10.750	0.50000	21.830	7.2528	0.66333	6	-1.53	25%	0
034.04	Selenium, AA, Hydride	0169	17.000	2.0000	21.830	7.2528	0.66333	6	-0.67	11%	0
034.04	Selenium, AA, Hydride	0175	22.250	0.50000	21.830	7.2528	0.66333	6	0.06	1%	0
034.04	Selenium, AA, Hydride	0164	23.750	0.10000	21.830	7.2528	0.66333	6	0.26	4%	0
034.04	Selenium, AA, Hydride	0027	26.960	0.28000	21.830	7.2528	0.66333	6	0.71	12%	0
034.04	Selenium, AA, Hydride	0208	29.100	0.60000	21.830	7.2528	0.66333	6	1.00	17%	0
034.05	#N/A	0560	26.200	0.00000			0.00000	1			
034.34	Selenium, AAS, Graphite furnace	0013	26.350	0.10000			0.10000	1			
034.41	Selenium, ICP, Dry ash	0682	3.1100	0.00000	17.588	12.777	0.97667	3	-1.13	41%	0
034.41	Selenium, ICP, Dry ash	0123	22.370	0.66000	17.588	12.777	0.97667	3	0.37	14%	0
034.41	Selenium, ICP, Dry ash	0848	27.285	2.2700	17.588	12.777	0.97667	3	0.76	28%	0
034.42	Selenium, ICP, Open vessel	0011	12.674	1.7665	19.578	8.8500	2.2553	5	-0.78	18%	0
034.42	Selenium, ICP, Open vessel	0021	13.275	1.6300	19.578	8.8500	2.2553	5	-0.71	16%	0
034.42	Selenium, ICP, Open vessel	0629	18.200	0.20000	19.578	8.8500	2.2553	5	-0.16	4%	0
034.42	Selenium, ICP, Open vessel	0504	19.200	2.6000	19.578	8.8500	2.2553	5	-0.04	1%	0
034.42	Selenium, ICP, Open vessel	0693	34.540	5.0800	19.578	8.8500	2.2553	5	1.69	38%	0
034.52	Selenium, ICP-MS, Open vessel	0154	18.376	5.0100			5.0100	1			
034.53	Selenium, ICP-MS, Microwave	0638	24.960	0.00000			0.00000	1			
034.99	Selenium, Miscellaneous	0508	23.823	0.36600	25.937	2.9889	0.23300	2	-0.71	4%	0
034.99	Selenium, Miscellaneous	0047	28.050	0.10000	25.937	2.9889	0.23300	2	0.71	4%	0
035.01	Sodium, Ion Sel Electrode	0868	0.03945	0.00150	0.04223	0.00392	0.00575	2	-0.71	3%	0
035.01	Sodium, Ion Sel Electrode	0138	0.04500	0.01000	0.04223	0.00392	0.00575	2	0.71	3%	0
035.05	Sodium, Flame Emission	0665	0.05000	0.00000	0.07758	0.04125	0.00350	3	-0.67	18%	0
035.05	Sodium, Flame Emission	0504	0.05775	0.00050	0.07758	0.04125	0.00350	3	-0.48	13%	0
035.05	Sodium, Flame Emission	0108	0.12500	0.01000	0.07758	0.04125	0.00350	3	1.15	31%	0
035.31	Sodium, AAS, Dry ash	0305	0.00000	0.00000	0.04852	0.02865	0.00566	14	-1.69	50%	0
035.31	Sodium, AAS, Dry ash	0142	0.00200	0.00000	0.04852	0.02865	0.00566	14	-1.62	48%	0
035.31	Sodium, AAS, Dry ash	0529	0.02700	0.00000	0.04852	0.02865	0.00566	14	-0.75	22%	0
035.31	Sodium, AAS, Dry ash	0650	0.03300	0.00200	0.04852	0.02865	0.00566	14	-0.54	16%	0
035.31	Sodium, AAS, Dry ash	0596	0.03500	0.01000	0.04852	0.02865	0.00566	14	-0.47	14%	0
035.31	Sodium, AAS, Dry ash	0874	0.04510	0.00100	0.04852	0.02865	0.00566	14	-0.12	4%	0
035.31	Sodium, AAS, Dry ash	0619	0.04550	0.00100	0.04852	0.02865	0.00566	14	-0.11	3%	0
035.31	Sodium, AAS, Dry ash	0670	0.04700	0.00200	0.04852	0.02865	0.00566	14	-0.05	2%	0
035.31	Sodium, AAS, Dry ash	0208	0.04925	0.00330	0.04852	0.02865	0.00566	14	0.03	1%	0
035.31	Sodium, AAS, Dry ash	0868	0.05000	0.00200	0.04852	0.02865	0.00566	14	0.05	2%	0
035.31	Sodium, AAS, Dry ash	0175	0.08000	0.02000	0.04852	0.02865	0.00566	14	1.10	32%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
035.31	Sodium, AAS, Dry ash	0591	0.10900	0.00800	0.04852	0.02865	0.00566	14	2.11	62%	0
035.31	Sodium, AAS, Dry ash	0628	0.14500	0.01000	0.04852	0.02865	0.00566	14	3.37	99%	0
035.31	Sodium, AAS, Dry ash	0720	0.17000	0.02000	0.04852	0.02865	0.00566	14	4.24	125%	0
035.31	Sodium, AAS, Dry ash	0354	4.6100	0.14000	0.04852	0.02865	0.00566	14	159.21	4701%	2
035.32	Sodium, AAS, Open vessel	0038	0.04650	0.00700	0.07585	0.02947	0.00465	4	-1.00	19%	0
035.32	Sodium, AAS, Open vessel	0722	0.06190	0.00160	0.07585	0.02947	0.00465	4	-0.47	9%	0
035.32	Sodium, AAS, Open vessel	0169	0.08000	0.00000	0.07585	0.02947	0.00465	4	0.14	3%	0
035.32	Sodium, AAS, Open vessel	0609	0.11500	0.01000	0.07585	0.02947	0.00465	4	1.33	26%	0
035.41	Sodium, ICP, Dry ash	0100	0.01000	0.00000	0.05957	0.02395	0.00342	19	-2.07	42%	0
035.41	Sodium, ICP, Dry ash	0144	0.03500	0.01000	0.05957	0.02395	0.00342	19	-1.03	21%	0
035.41	Sodium, ICP, Dry ash	0049	0.04000	0.00000	0.05957	0.02395	0.00342	19	-0.82	16%	0
035.41	Sodium, ICP, Dry ash	0358	0.04000	0.00000	0.05957	0.02395	0.00342	19	-0.82	16%	0
035.41	Sodium, ICP, Dry ash	0682	0.04000	0.00000	0.05957	0.02395	0.00342	19	-0.82	16%	0
035.41	Sodium, ICP, Dry ash	0407	0.04300	0.00000	0.05957	0.02395	0.00342	19	-0.69	14%	0
035.41	Sodium, ICP, Dry ash	0083	0.05000	0.00000	0.05957	0.02395	0.00342	19	-0.40	8%	0
035.41	Sodium, ICP, Dry ash	0520	0.05000	0.01400	0.05957	0.02395	0.00342	19	-0.40	8%	0
035.41	Sodium, ICP, Dry ash	0598	0.05460	0.00160	0.05957	0.02395	0.00342	19	-0.21	4%	0
035.41	Sodium, ICP, Dry ash	0164	0.05550	0.00300	0.05957	0.02395	0.00342	19	-0.17	3%	0
035.41	Sodium, ICP, Dry ash	0148	0.05835	0.00090	0.05957	0.02395	0.00342	19	-0.05	1%	0
035.41	Sodium, ICP, Dry ash	0089	0.06000	0.00000	0.05957	0.02395	0.00342	19	0.02	0%	0
035.41	Sodium, ICP, Dry ash	0226	0.06550	0.00100	0.05957	0.02395	0.00342	19	0.25	5%	0
035.41	Sodium, ICP, Dry ash	0029	0.07285	0.00650	0.05957	0.02395	0.00342	19	0.55	11%	0
035.41	Sodium, ICP, Dry ash	0550	0.08350	0.01100	0.05957	0.02395	0.00342	19	1.00	20%	0
035.41	Sodium, ICP, Dry ash	0405	0.11050	0.00100	0.05957	0.02395	0.00342	19	2.13	43%	0
035.41	Sodium, ICP, Dry ash	0171	0.16500	0.00600	0.05957	0.02395	0.00342	19	4.40	88%	0
035.41	Sodium, ICP, Dry ash	0675	0.33500	0.01000	0.05957	0.02395	0.00342	19	11.50	231%	0
035.41	Sodium, ICP, Dry ash	0695	0.36000	0.00000	0.05957	0.02395	0.00342	19	12.55	252%	0
035.41	Sodium, ICP, Dry ash	0265	0.06000	0.02000	0.05957	0.02395	0.00342	19	0.02	0%	1
035.41	Sodium, ICP, Dry ash	0008	1,399.0	0.00000	0.05957	0.02395	0.00342	19	58419.41	1174156%	2
035.42	Sodium, ICP, Open vessel	0504	0.02800	0.00200	0.05178	0.01748	0.00698	13	-1.36	23%	0
035.42	Sodium, ICP, Open vessel	0870	0.03055	0.01490	0.05178	0.01748	0.00698	13	-1.21	21%	0
035.42	Sodium, ICP, Open vessel	0613	0.04000	0.00000	0.05178	0.01748	0.00698	13	-0.67	11%	0
035.42	Sodium, ICP, Open vessel	0199	0.04250	0.00100	0.05178	0.01748	0.00698	13	-0.53	9%	0
035.42	Sodium, ICP, Open vessel	0160	0.04350	0.00300	0.05178	0.01748	0.00698	13	-0.47	8%	0
035.42	Sodium, ICP, Open vessel	0021	0.04660	0.00280	0.05178	0.01748	0.00698	13	-0.30	5%	0
035.42	Sodium, ICP, Open vessel	0567	0.05000	0.00000	0.05178	0.01748	0.00698	13	-0.10	2%	0
035.42	Sodium, ICP, Open vessel	0693	0.05250	0.00300	0.05178	0.01748	0.00698	13	0.04	1%	0
035.42	Sodium, ICP, Open vessel	0864	0.05500	0.01000	0.05178	0.01748	0.00698	13	0.18	3%	0
035.42	Sodium, ICP, Open vessel	0278	0.07000	0.00000	0.05178	0.01748	0.00698	13	1.04	18%	0
035.42	Sodium, ICP, Open vessel	0692	0.07000	0.02000	0.05178	0.01748	0.00698	13	1.04	18%	0
035.42	Sodium, ICP, Open vessel	0309	0.10480	0.00800	0.05178	0.01748	0.00698	13	3.03	51%	0
035.42	Sodium, ICP, Open vessel	0560	0.49000	0.02600	0.05178	0.01748	0.00698	13	25.07	423%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
035.42	Sodium, ICP, Open vessel	0366	0.48050	0.13300	0.05178	0.01748	0.00698	13	24.52	414%	1
035.42	Sodium, ICP, Open vessel	0187	3.1600	0.02000	0.05178	0.01748	0.00698	13	177.79	3001%	2
035.43	Sodium, ICP, Microwave	0294	0.04000	0.00000	0.04724	0.00785	0.00439	8	-0.92	8%	0
035.43	Sodium, ICP, Microwave	0616	0.04000	0.00200	0.04724	0.00785	0.00439	8	-0.92	8%	0
035.43	Sodium, ICP, Microwave	0038	0.04250	0.00300	0.04724	0.00785	0.00439	8	-0.60	5%	0
035.43	Sodium, ICP, Microwave	0588	0.04450	0.00100	0.04724	0.00785	0.00439	8	-0.35	3%	0
035.43	Sodium, ICP, Microwave	0042	0.04500	0.01000	0.04724	0.00785	0.00439	8	-0.29	2%	0
035.43	Sodium, ICP, Microwave	0508	0.05615	0.00910	0.04724	0.00785	0.00439	8	1.13	9%	0
035.43	Sodium, ICP, Microwave	0353	0.06000	0.00000	0.04724	0.00785	0.00439	8	1.62	14%	0
035.43	Sodium, ICP, Microwave	0297	0.09500	0.01000	0.04724	0.00785	0.00439	8	6.08	51%	0
035.52	Sodium, ICP-MS, Open vessel	0154	0.03530	0.00180			0.00180	1			
035.53	Sodium, ICP-MS, Microwave	0572	0.04150	0.00500			0.00500	1			
035.99	Sodium, Miscellaneous	0673	0.04000	0.00000			0.00000	1			
036.04	Sulfur, LECO	0098	2.1050	0.05000			0.05000	1			
036.42	Sulfur, ICP, Open vessel	0870	1.4560	0.38200	2.1703	0.18276	0.05738	17	-3.91	16%	0
036.42	Sulfur, ICP, Open vessel	0309	1.8540	0.00000	2.1703	0.18276	0.05738	17	-1.73	7%	0
036.42	Sulfur, ICP, Open vessel	0160	2.0260	0.08800	2.1703	0.18276	0.05738	17	-0.79	3%	0
036.42	Sulfur, ICP, Open vessel	0186	2.0550	0.03000	2.1703	0.18276	0.05738	17	-0.63	3%	0
036.42	Sulfur, ICP, Open vessel	0098	2.0600	0.00000	2.1703	0.18276	0.05738	17	-0.60	3%	0
036.42	Sulfur, ICP, Open vessel	0366	2.0650	0.13000	2.1703	0.18276	0.05738	17	-0.58	2%	0
036.42	Sulfur, ICP, Open vessel	0300	2.0740	0.07800	2.1703	0.18276	0.05738	17	-0.53	2%	0
036.42	Sulfur, ICP, Open vessel	0171	2.1350	0.05000	2.1703	0.18276	0.05738	17	-0.19	1%	0
036.42	Sulfur, ICP, Open vessel	0357	2.1550	0.05000	2.1703	0.18276	0.05738	17	-0.08	0%	0
036.42	Sulfur, ICP, Open vessel	0202	2.2650	0.01000	2.1703	0.18276	0.05738	17	0.52	2%	0
036.42	Sulfur, ICP, Open vessel	0693	2.2700	0.02000	2.1703	0.18276	0.05738	17	0.55	2%	0
036.42	Sulfur, ICP, Open vessel	0187	2.2710	0.00040	2.1703	0.18276	0.05738	17	0.55	2%	0
036.42	Sulfur, ICP, Open vessel	0708	2.2800	0.04000	2.1703	0.18276	0.05738	17	0.60	3%	0
036.42	Sulfur, ICP, Open vessel	0560	2.2935	0.02900	2.1703	0.18276	0.05738	17	0.67	3%	0
036.42	Sulfur, ICP, Open vessel	0278	2.3250	0.01000	2.1703	0.18276	0.05738	17	0.85	4%	0
036.42	Sulfur, ICP, Open vessel	0106	2.5150	0.05000	2.1703	0.18276	0.05738	17	1.89	8%	0
036.42	Sulfur, ICP, Open vessel	0021	2.6000	0.00800	2.1703	0.18276	0.05738	17	2.35	10%	0
036.42	Sulfur, ICP, Open vessel	0265	2.4600	0.42000	2.1703	0.18276	0.05738	17	1.59	7%	1
036.43	Sulfur, ICP, Microwave	0508	0.05615	0.00910	2.0539	0.33398	0.07891	10	-5.98	49%	0
036.43	Sulfur, ICP, Microwave	0294	0.26500	0.01000	2.0539	0.33398	0.07891	10	-5.36	44%	0
036.43	Sulfur, ICP, Microwave	0616	1.1700	0.24000	2.0539	0.33398	0.07891	10	-2.65	22%	0
036.43	Sulfur, ICP, Microwave	0510	1.9900	0.00000	2.0539	0.33398	0.07891	10	-0.19	2%	0
036.43	Sulfur, ICP, Microwave	0353	2.1050	0.13000	2.0539	0.33398	0.07891	10	0.15	1%	0
036.43	Sulfur, ICP, Microwave	0038	2.1300	0.02000	2.0539	0.33398	0.07891	10	0.23	2%	0
036.43	Sulfur, ICP, Microwave	0042	2.1500	0.30000	2.0539	0.33398	0.07891	10	0.29	2%	0
036.43	Sulfur, ICP, Microwave	0588	2.3100	0.02000	2.0539	0.33398	0.07891	10	0.77	6%	0
036.43	Sulfur, ICP, Microwave	0297	2.3200	0.02000	2.0539	0.33398	0.07891	10	0.80	6%	0
036.43	Sulfur, ICP, Microwave	0169	2.5000	0.04000	2.0539	0.33398	0.07891	10	1.34	11%	0



Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
036.52	Sulfur, ICP-MS, Open vessel	0154	1.8925	0.02700			0.02700	1			
036.99	Sulfur, Miscellaneous	0550	2.2525	0.09500	2.2938	0.05834	0.09250	2	-0.71	1%	0
036.99	Sulfur, Miscellaneous	0889	2.3350	0.09000	2.2938	0.05834	0.09250	2	0.71	1%	0
037.31	Zinc, AAS, Dry ash	0674	1.6350	0.09000	16,462	847.64	335.85	25	-19.42	50%	0
037.31	Zinc, AAS, Dry ash	0529	1.7400	0.00000	16,462	847.64	335.85	25	-19.42	50%	0
037.31	Zinc, AAS, Dry ash	0590	1,655.0	10.000	16,462	847.64	335.85	25	-17.47	45%	0
037.31	Zinc, AAS, Dry ash	0720	13,292	73.332	16,462	847.64	335.85	25	-3.74	10%	0
037.31	Zinc, AAS, Dry ash	0874	14,650	420.00	16,462	847.64	335.85	25	-2.14	6%	0
037.31	Zinc, AAS, Dry ash	0638	15,188	125.00	16,462	847.64	335.85	25	-1.50	4%	0
037.31	Zinc, AAS, Dry ash	0868	15,850	320.00	16,462	847.64	335.85	25	-0.72	2%	0
037.31	Zinc, AAS, Dry ash	0689	16,092	235.00	16,462	847.64	335.85	25	-0.44	1%	0
037.31	Zinc, AAS, Dry ash	0350	16,170	80.000	16,462	847.64	335.85	25	-0.34	1%	0
037.31	Zinc, AAS, Dry ash	0591	16,308	82.000	16,462	847.64	335.85	25	-0.18	0%	0
037.31	Zinc, AAS, Dry ash	0175	16,450	100.00	16,462	847.64	335.85	25	-0.01	0%	0
037.31	Zinc, AAS, Dry ash	0596	16,552	384.00	16,462	847.64	335.85	25	0.11	0%	0
037.31	Zinc, AAS, Dry ash	0669	16,559	1,003.9	16,462	847.64	335.85	25	0.11	0%	0
037.31	Zinc, AAS, Dry ash	0208	16,650	500.00	16,462	847.64	335.85	25	0.22	1%	0
037.31	Zinc, AAS, Dry ash	0509	16,704	374.00	16,462	847.64	335.85	25	0.29	1%	0
037.31	Zinc, AAS, Dry ash	0723	16,732	24.000	16,462	847.64	335.85	25	0.32	1%	0
037.31	Zinc, AAS, Dry ash	0178	16,750	1,100.0	16,462	847.64	335.85	25	0.34	1%	0
037.31	Zinc, AAS, Dry ash	0884	16,800	1,194.7	16,462	847.64	335.85	25	0.40	1%	0
037.31	Zinc, AAS, Dry ash	0505	16,835	170.00	16,462	847.64	335.85	25	0.44	1%	0
037.31	Zinc, AAS, Dry ash	0354	17,067	319.63	16,462	847.64	335.85	25	0.71	2%	0
037.31	Zinc, AAS, Dry ash	0628	17,136	259.00	16,462	847.64	335.85	25	0.79	2%	0
037.31	Zinc, AAS, Dry ash	0619	17,450	300.00	16,462	847.64	335.85	25	1.17	3%	0
037.31	Zinc, AAS, Dry ash	0563	17,498	65.000	16,462	847.64	335.85	25	1.22	3%	0
037.31	Zinc, AAS, Dry ash	0866	18,341	84.000	16,462	847.64	335.85	25	2.22	6%	0
037.31	Zinc, AAS, Dry ash	0305	18,884	1,172.7	16,462	847.64	335.85	25	2.86	7%	0
037.31	Zinc, AAS, Dry ash	0646	21,426	1,745.6	16,462	847.64	335.85	25	5.86	15%	1
037.32	Zinc, AAS, Open vessel	0001	16,820	640.00	17,378	523.75	504.12	11	-1.07	2%	0
037.32	Zinc, AAS, Open vessel	0010	16,855	50.000	17,378	523.75	504.12	11	-1.00	2%	0
037.32	Zinc, AAS, Open vessel	0035	16,890	0.00000	17,378	523.75	504.12	11	-0.93	1%	0
037.32	Zinc, AAS, Open vessel	0722	17,121	239.32	17,378	523.75	504.12	11	-0.49	1%	0
037.32	Zinc, AAS, Open vessel	0036	17,195	250.00	17,378	523.75	504.12	11	-0.35	1%	0
037.32	Zinc, AAS, Open vessel	0612	17,313	375.00	17,378	523.75	504.12	11	-0.13	0%	0
037.32	Zinc, AAS, Open vessel	0263	17,356	22.000	17,378	523.75	504.12	11	-0.04	0%	0
037.32	Zinc, AAS, Open vessel	0038	17,770	1,260.0	17,378	523.75	504.12	11	0.75	1%	0
037.32	Zinc, AAS, Open vessel	0504	17,780	1,780.0	17,378	523.75	504.12	11	0.77	1%	0
037.32	Zinc, AAS, Open vessel	0013	17,900	600.00	17,378	523.75	504.12	11	1.00	2%	0
037.32	Zinc, AAS, Open vessel	0014	18,195	329.00	17,378	523.75	504.12	11	1.56	2%	0
037.33	Zinc, AAS, Microwave	0033	17,217	191.00	17,323	150.97	155.50	2	-0.71	0%	0
037.33	Zinc, AAS, Microwave	0716	17,430	120.00	17,323	150.97	155.50	2	0.71	0%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
037.41	Zinc, ICP, Dry ash	0675	1.6700	0.02000	16,240	1,789.2	528.55	28	-9.08	50%	0
037.41	Zinc, ICP, Dry ash	0598	1,628.0	14.000	16,240	1,789.2	528.55	28	-8.17	45%	0
037.41	Zinc, ICP, Dry ash	0405	2,579.5	41.000	16,240	1,789.2	528.55	28	-7.64	42%	0
037.41	Zinc, ICP, Dry ash	0550	11,939	1,077.6	16,240	1,789.2	528.55	28	-2.40	13%	0
037.41	Zinc, ICP, Dry ash	0123	12,868	465.00	16,240	1,789.2	528.55	28	-1.89	10%	0
037.41	Zinc, ICP, Dry ash	0049	13,384	186.20	16,240	1,789.2	528.55	28	-1.60	9%	0
037.41	Zinc, ICP, Dry ash	0300	14,055	2,796.0	16,240	1,789.2	528.55	28	-1.22	7%	0
037.41	Zinc, ICP, Dry ash	0019	15,140	1,040.0	16,240	1,789.2	528.55	28	-0.62	3%	0
037.41	Zinc, ICP, Dry ash	0008	15,904	77.000	16,240	1,789.2	528.55	28	-0.19	1%	0
037.41	Zinc, ICP, Dry ash	0100	15,908	88.000	16,240	1,789.2	528.55	28	-0.19	1%	0
037.41	Zinc, ICP, Dry ash	0511	16,260	0.00000	16,240	1,789.2	528.55	28	0.01	0%	0
037.41	Zinc, ICP, Dry ash	0848	16,340	51.280	16,240	1,789.2	528.55	28	0.06	0%	0
037.41	Zinc, ICP, Dry ash	0164	16,400	400.00	16,240	1,789.2	528.55	28	0.09	0%	0
037.41	Zinc, ICP, Dry ash	0148	16,492	251.00	16,240	1,789.2	528.55	28	0.14	1%	0
037.41	Zinc, ICP, Dry ash	0004	16,555	167.00	16,240	1,789.2	528.55	28	0.18	1%	0
037.41	Zinc, ICP, Dry ash	0083	16,900	200.00	16,240	1,789.2	528.55	28	0.37	2%	0
037.41	Zinc, ICP, Dry ash	0407	17,002	183.00	16,240	1,789.2	528.55	28	0.43	2%	0
037.41	Zinc, ICP, Dry ash	0695	17,025	1,694.5	16,240	1,789.2	528.55	28	0.44	2%	0
037.41	Zinc, ICP, Dry ash	0003	17,050	100.00	16,240	1,789.2	528.55	28	0.45	2%	0
037.41	Zinc, ICP, Dry ash	0610	17,150	41.000	16,240	1,789.2	528.55	28	0.51	3%	0
037.41	Zinc, ICP, Dry ash	0520	17,260	1,900.0	16,240	1,789.2	528.55	28	0.57	3%	0
037.41	Zinc, ICP, Dry ash	0074	17,668	378.00	16,240	1,789.2	528.55	28	0.80	4%	0
037.41	Zinc, ICP, Dry ash	0226	17,762	462.00	16,240	1,789.2	528.55	28	0.85	5%	0
037.41	Zinc, ICP, Dry ash	0029	17,803	422.00	16,240	1,789.2	528.55	28	0.87	5%	0
037.41	Zinc, ICP, Dry ash	0358	17,889	1,034.0	16,240	1,789.2	528.55	28	0.92	5%	0
037.41	Zinc, ICP, Dry ash	0171	17,970	10.000	16,240	1,789.2	528.55	28	0.97	5%	0
037.41	Zinc, ICP, Dry ash	0553	18,050	1,100.0	16,240	1,789.2	528.55	28	1.01	6%	0
037.41	Zinc, ICP, Dry ash	0682	19,899	621.00	16,240	1,789.2	528.55	28	2.04	11%	0
037.41	Zinc, ICP, Dry ash	0265	17,623	2,863.0	16,240	1,789.2	528.55	28	0.77	4%	1
037.42	Zinc, ICP, Open vessel	0011	1.9791	0.00660	16,734	1,356.6	343.17	27	-12.33	50%	0
037.42	Zinc, ICP, Open vessel	0168	533.00	16.000	16,734	1,356.6	343.17	27	-11.94	48%	0
037.42	Zinc, ICP, Open vessel	0309	5,189.5	529.00	16,734	1,356.6	343.17	27	-8.51	34%	0
037.42	Zinc, ICP, Open vessel	0613	12,173	911.00	16,734	1,356.6	343.17	27	-3.36	14%	0
037.42	Zinc, ICP, Open vessel	0037	14,390	320.00	16,734	1,356.6	343.17	27	-1.73	7%	0
037.42	Zinc, ICP, Open vessel	0160	14,599	677.00	16,734	1,356.6	343.17	27	-1.57	6%	0
037.42	Zinc, ICP, Open vessel	0098	14,815	530.00	16,734	1,356.6	343.17	27	-1.41	6%	0
037.42	Zinc, ICP, Open vessel	0357	16,431	181.00	16,734	1,356.6	343.17	27	-0.22	1%	0
037.42	Zinc, ICP, Open vessel	0567	16,606	728.00	16,734	1,356.6	343.17	27	-0.09	0%	0
037.42	Zinc, ICP, Open vessel	0199	16,683	331.00	16,734	1,356.6	343.17	27	-0.04	0%	0
037.42	Zinc, ICP, Open vessel	0366	16,750	900.00	16,734	1,356.6	343.17	27	0.01	0%	0
037.42	Zinc, ICP, Open vessel	0726	16,771	12.000	16,734	1,356.6	343.17	27	0.03	0%	0
037.42	Zinc, ICP, Open vessel	0692	16,780	40.000	16,734	1,356.6	343.17	27	0.03	0%	0

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037.42	Zinc, ICP, Open vessel	0190	16,809	87.000	16,734	1,356.6	343.17	27	0.06	0%	0
037.42	Zinc, ICP, Open vessel	0035	16,940	20.000	16,734	1,356.6	343.17	27	0.15	1%	0
037.42	Zinc, ICP, Open vessel	0413	17,150	500.00	16,734	1,356.6	343.17	27	0.31	1%	0
037.42	Zinc, ICP, Open vessel	0186	17,201	453.00	16,734	1,356.6	343.17	27	0.34	1%	0
037.42	Zinc, ICP, Open vessel	0629	17,250	300.00	16,734	1,356.6	343.17	27	0.38	2%	0
037.42	Zinc, ICP, Open vessel	0045	17,450	100.00	16,734	1,356.6	343.17	27	0.53	2%	0
037.42	Zinc, ICP, Open vessel	0512	17,495	90.000	16,734	1,356.6	343.17	27	0.56	2%	0
037.42	Zinc, ICP, Open vessel	0693	17,628	401.00	16,734	1,356.6	343.17	27	0.66	3%	0
037.42	Zinc, ICP, Open vessel	0106	17,650	300.00	16,734	1,356.6	343.17	27	0.68	3%	0
037.42	Zinc, ICP, Open vessel	0021	17,720	360.00	16,734	1,356.6	343.17	27	0.73	3%	0
037.42	Zinc, ICP, Open vessel	0202	18,107	89.400	16,734	1,356.6	343.17	27	1.01	4%	0
037.42	Zinc, ICP, Open vessel	0560	18,230	253.00	16,734	1,356.6	343.17	27	1.10	4%	0
037.42	Zinc, ICP, Open vessel	0187	20,737	902.00	16,734	1,356.6	343.17	27	2.95	12%	0
037.42	Zinc, ICP, Open vessel	0864	21,239	235.18	16,734	1,356.6	343.17	27	3.32	13%	0
037.42	Zinc, ICP, Open vessel	0870	9,912.0	3,596.0	16,734	1,356.6	343.17	27	-5.03	20%	1
037.43	Zinc, ICP, Microwave	0294	26.500	0.00000	16,678	1,603.3	478.17	13	-10.39	50%	0
037.43	Zinc, ICP, Microwave	0028	12,140	335.00	16,678	1,603.3	478.17	13	-2.83	14%	0
037.43	Zinc, ICP, Microwave	0508	13,667	570.20	16,678	1,603.3	478.17	13	-1.88	9%	0
037.43	Zinc, ICP, Microwave	0353	15,430	660.00	16,678	1,603.3	478.17	13	-0.78	4%	0
037.43	Zinc, ICP, Microwave	0588	16,211	230.00	16,678	1,603.3	478.17	13	-0.29	1%	0
037.43	Zinc, ICP, Microwave	0121	16,784	64.000	16,678	1,603.3	478.17	13	0.07	0%	0
037.43	Zinc, ICP, Microwave	0510	16,800	200.00	16,678	1,603.3	478.17	13	0.08	0%	0
037.43	Zinc, ICP, Microwave	0027	16,852	263.00	16,678	1,603.3	478.17	13	0.11	1%	0
037.43	Zinc, ICP, Microwave	0026	17,350	300.00	16,678	1,603.3	478.17	13	0.42	2%	0
037.43	Zinc, ICP, Microwave	0042	17,694	1,947.0	16,678	1,603.3	478.17	13	0.63	3%	0
037.43	Zinc, ICP, Microwave	0038	17,700	600.00	16,678	1,603.3	478.17	13	0.64	3%	0
037.43	Zinc, ICP, Microwave	0297	19,132	47.000	16,678	1,603.3	478.17	13	1.53	7%	0
037.43	Zinc, ICP, Microwave	0169	20,700	1,000.0	16,678	1,603.3	478.17	13	2.51	12%	0
037.43	Zinc, ICP, Microwave	0616	13,700	2,600.0	16,678	1,603.3	478.17	13	-1.86	9%	1
037.52	Zinc, ICP-MS, Open vessel	0154	14,311	573.00			573.00	1			
037.53	Zinc, ICP-MS, Microwave	0572	16,650	2,100.0			2,100.0	1			
037.99	Zinc, Miscellaneous	0047	13,445	30.000	17,002	2,845.4	293.20	5	-1.25	10%	0
037.99	Zinc, Miscellaneous	0889	16,303	355.00	17,002	2,845.4	293.20	5	-0.25	2%	0
037.99	Zinc, Miscellaneous	0229	16,799	167.00	17,002	2,845.4	293.20	5	-0.07	1%	0
037.99	Zinc, Miscellaneous	0673	17,081	539.00	17,002	2,845.4	293.20	5	0.03	0%	0
037.99	Zinc, Miscellaneous	0607	21,383	375.00	17,002	2,845.4	293.20	5	1.54	13%	0
038.31	Molybdenum, AAS, Dry ash	0164	5.5000	1.0000			1.0000	1			
038.42	Molybdenum, ICP, Open vessel	0021	0.99500	0.01600	2.5746	1.1267	0.27060	5	-1.40	31%	0
038.42	Molybdenum, ICP, Open vessel	0278	2.0700	0.58000	2.5746	1.1267	0.27060	5	-0.45	10%	0
038.42	Molybdenum, ICP, Open vessel	0629	2.7050	0.11000	2.5746	1.1267	0.27060	5	0.12	3%	0
038.42	Molybdenum, ICP, Open vessel	0011	3.1030	0.44700	2.5746	1.1267	0.27060	5	0.47	10%	0
038.42	Molybdenum, ICP, Open vessel	0693	4.0000	0.20000	2.5746	1.1267	0.27060	5	1.27	28%	0

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038.43	Molybdenum, ICP, Microwave	0353	1.8050	0.13000	4.0866	2.8190	0.17800	5	-0.81	28%	0
038.43	Molybdenum, ICP, Microwave	0169	2.5800	0.12000	4.0866	2.8190	0.17800	5	-0.53	18%	0
038.43	Molybdenum, ICP, Microwave	0508	3.3480	0.44000	4.0866	2.8190	0.17800	5	-0.26	9%	0
038.43	Molybdenum, ICP, Microwave	0038	3.7500	0.10000	4.0866	2.8190	0.17800	5	-0.12	4%	0
038.43	Molybdenum, ICP, Microwave	0510	8.9500	0.10000	4.0866	2.8190	0.17800	5	1.73	60%	0
038.52	Molybdenum, ICP-MS, Open vessel	0154	3.5485	0.20900			0.20900	1			
039.31	Nickel, AAS, Dry ash	0164	25.600	1.4000			1.4000	1			
039.42	Nickel, ICP, Open vessel	0560	30.350	13.300	31.528	1.7891	3.7929	4	-0.66	2%	0
039.42	Nickel, ICP, Open vessel	0011	30.538	0.90150	31.528	1.7891	3.7929	4	-0.55	2%	0
039.42	Nickel, ICP, Open vessel	0567	31.050	0.50000	31.528	1.7891	3.7929	4	-0.27	1%	0
039.42	Nickel, ICP, Open vessel	0021	34.175	0.47000	31.528	1.7891	3.7929	4	1.48	4%	0
039.43	Nickel, ICP, Microwave	0508	27.812	0.79000			0.79000	1			
039.52	Nickel, ICP-MS, Open vessel	0154	27.852	0.81700			0.81700	1			
040.42	Barium, ICP, Open vessel	0560	78.400	1.4000			1.4000	1			
040.43	Barium, ICP, Microwave	0508	73.682	3.4310			3.4310	1			
041.42	Vanadium, ICP, Open vessel	0021	8.9370	0.27600			0.27600	1			
041.43	Vanadium, ICP, Microwave	0508	5.5950	0.19800			0.19800	1			
073.00	Oxytetracycline, Plate	0004	25,206	326.00	32,081	6,812.4	379.40	6	-1.01	11%	0
073.00	Oxytetracycline, Plate	0027	26,189	135.20	32,081	6,812.4	379.40	6	-0.86	9%	0
073.00	Oxytetracycline, Plate	0036	30,836	255.00	32,081	6,812.4	379.40	6	-0.18	2%	0
073.00	Oxytetracycline, Plate	0043	32,193	1.2000	32,081	6,812.4	379.40	6	0.02	0%	0
073.00	Oxytetracycline, Plate	0511	38,664	432.00	32,081	6,812.4	379.40	6	0.97	10%	0
073.00	Oxytetracycline, Plate	0028	39,400	1,127.0	32,081	6,812.4	379.40	6	1.07	11%	0
073.02	Oxytetracycline, High Mineral Feed	0027	32,497	2,640.2			2,640.2	1			
073.03	Oxytetracycline, HPLC	0178	26,550	300.00	32,801	4,596.8	1,268.2	7	-1.36	10%	0
073.03	Oxytetracycline, HPLC	0014	29,952	2,548.3	32,801	4,596.8	1,268.2	7	-0.62	4%	0
073.03	Oxytetracycline, HPLC	0675	30,783	737.31	32,801	4,596.8	1,268.2	7	-0.44	3%	0
073.03	Oxytetracycline, HPLC	0001	32,500	200.00	32,801	4,596.8	1,268.2	7	-0.07	0%	0
073.03	Oxytetracycline, HPLC	0218	34,070	136.00	32,801	4,596.8	1,268.2	7	0.28	2%	0
073.03	Oxytetracycline, HPLC	0032	37,301	381.00	32,801	4,596.8	1,268.2	7	0.98	7%	0
073.03	Oxytetracycline, HPLC	0875	40,306	4,575.0	32,801	4,596.8	1,268.2	7	1.63	11%	0
073.04	Oxytetracycline, LC	0047	29,735	1,770.0			1,770.0	1			
101.01	Choline Chloride, Chem	0610	18,580	1,905.0			1,905.0	1			
101.99	Choline Chloride, Miscellaneous	0208	20,385	727.00			727.00	1			
102.01	Niacin, Micro	0227	4,370.0	120.00	4,424.5	77.075	103.00	2	-0.71	1%	0
102.01	Niacin, Micro	0208	4,479.0	86.000	4,424.5	77.075	103.00	2	0.71	1%	0
103.01	Pantothenic Acid, Microbiological	0208	1,021.5	9.0000	1,130.8	154.50	14.500	2	-0.71	5%	0
103.01	Pantothenic Acid, Microbiological	0227	1,240.0	20.000	1,130.8	154.50	14.500	2	0.71	5%	0
104.00	Riboflavin, Fluorometric	0208	84.445	1.8100	105.22	29.384	3.9050	2	-0.71	10%	0
104.00	Riboflavin, Fluorometric	0227	126.00	6.0000	105.22	29.384	3.9050	2	0.71	10%	0
105.00	Thiamine, HPLC	0160	5.0880	0.72600	21.589	23.336	0.49300	2	-0.71	38%	0
105.00	Thiamine, HPLC	0629	38.090	0.26000	21.589	23.336	0.49300	2	0.71	38%	0

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105.01	Thiamine,	0227	0.74900	0.22000	6.8345	8.6062	1.0400	2	-0.71	45%	0
105.01	Thiamine,	0208	12.920	1.8600	6.8345	8.6062	1.0400	2	0.71	45%	0
106.00	Vitamin A, Color	0171	446.00	6.0000	454.25	11.667	39.100	2	-0.71	1%	0
106.00	Vitamin A, Color	0029	462.50	72.200	454.25	11.667	39.100	2	0.71	1%	0
106.02	Vitamin A, HPLC	0004	0.40830	0.00340	450.04	94.479	13.348	23	-4.76	50%	0
106.02	Vitamin A, HPLC	0638	314.93	10.790	450.04	94.479	13.348	23	-1.43	15%	0
106.02	Vitamin A, HPLC	0629	340.00	0.00000	450.04	94.479	13.348	23	-1.16	12%	0
106.02	Vitamin A, HPLC	0563	365.47	4.4313	450.04	94.479	13.348	23	-0.90	9%	0
106.02	Vitamin A, HPLC	0676	373.09	16.818	450.04	94.479	13.348	23	-0.81	9%	0
106.02	Vitamin A, HPLC	0689	379.31	7.6300	450.04	94.479	13.348	23	-0.75	8%	0
106.02	Vitamin A, HPLC	0169	386.50	1.0000	450.04	94.479	13.348	23	-0.67	7%	0
106.02	Vitamin A, HPLC	0610	405.05	20.900	450.04	94.479	13.348	23	-0.48	5%	0
106.02	Vitamin A, HPLC	0560	425.15	19.500	450.04	94.479	13.348	23	-0.26	3%	0
106.02	Vitamin A, HPLC	0227	427.00	28.000	450.04	94.479	13.348	23	-0.24	3%	0
106.02	Vitamin A, HPLC	0160	431.90	40.800	450.04	94.479	13.348	23	-0.19	2%	0
106.02	Vitamin A, HPLC	0199	446.35	9.9000	450.04	94.479	13.348	23	-0.04	0%	0
106.02	Vitamin A, HPLC	0670	474.95	9.3200	450.04	94.479	13.348	23	0.26	3%	0
106.02	Vitamin A, HPLC	0003	477.50	19.000	450.04	94.479	13.348	23	0.29	3%	0
106.02	Vitamin A, HPLC	0878	486.00	46.400	450.04	94.479	13.348	23	0.38	4%	0
106.02	Vitamin A, HPLC	0208	488.00	2.0000	450.04	94.479	13.348	23	0.40	4%	0
106.02	Vitamin A, HPLC	0723	502.65	1.5000	450.04	94.479	13.348	23	0.56	6%	0
106.02	Vitamin A, HPLC	0178	512.11	9.9800	450.04	94.479	13.348	23	0.66	7%	0
106.02	Vitamin A, HPLC	0722	516.89	1.6417	450.04	94.479	13.348	23	0.71	7%	0
106.02	Vitamin A, HPLC	0035	549.50	5.0000	450.04	94.479	13.348	23	1.05	11%	0
106.02	Vitamin A, HPLC	0675	556.68	0.12000	450.04	94.479	13.348	23	1.13	12%	0
106.02	Vitamin A, HPLC	0028	653.23	30.104	450.04	94.479	13.348	23	2.15	23%	0
106.02	Vitamin A, HPLC	0021	857.12	22.170	450.04	94.479	13.348	23	4.31	45%	0
106.02	Vitamin A, HPLC	0619	1,757.5	161.00	450.04	94.479	13.348	23	13.84	145%	1
107.00	Vitamin B12,	0208	556.00	50.000	810.50	359.92	30.000	2	-0.71	16%	0
107.00	Vitamin B12,	0227	1,065.0	10.000	810.50	359.92	30.000	2	0.71	16%	0
108.01	Vitamin D3, HPLC	0227	70.450	0.10000	899.16	1,172.0	32.298	2	-0.71	46%	0
108.01	Vitamin D3, HPLC	0722	1,727.9	64.496	899.16	1,172.0	32.298	2	0.71	46%	0
108.02	Vitamin D3, HPLC	0560	65.850	1.5000	10,205	18,748	19.675	4	-0.54	50%	0
108.02	Vitamin D3, HPLC	0208	76.500	0.46000	10,205	18,748	19.675	4	-0.54	50%	0
108.02	Vitamin D3, HPLC	0675	2,397.7	33.740	10,205	18,748	19.675	4	-0.42	38%	0
108.02	Vitamin D3, HPLC	0169	38,279	43.000	10,205	18,748	19.675	4	1.50	138%	0
108.99	Vitamin D3, Miscellaneous	0171	176.00	10.000			10.000	1			
109.02	Vitamin E, HPLC	0563	2,128.6	61.464	4,457.8	1,145.3	80.542	16	-2.03	26%	0
109.02	Vitamin E, HPLC	0199	2,190.9	67.000	4,457.8	1,145.3	80.542	16	-1.98	25%	0
109.02	Vitamin E, HPLC	0169	3,421.0	42.000	4,457.8	1,145.3	80.542	16	-0.91	12%	0
109.02	Vitamin E, HPLC	0676	3,643.8	46.900	4,457.8	1,145.3	80.542	16	-0.71	9%	0
109.02	Vitamin E, HPLC	0638	3,654.6	3.7000	4,457.8	1,145.3	80.542	16	-0.70	9%	0

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109.02	Vitamin E, HPLC	0560	3,885.0	30.000	4,457.8	1,145.3	80.542	16	-0.50	6%	0
109.02	Vitamin E, HPLC	0208	3,899.5	309.00	4,457.8	1,145.3	80.542	16	-0.49	6%	0
109.02	Vitamin E, HPLC	0610	4,655.5	55.000	4,457.8	1,145.3	80.542	16	0.17	2%	0
109.02	Vitamin E, HPLC	0619	4,963.5	109.00	4,457.8	1,145.3	80.542	16	0.44	6%	0
109.02	Vitamin E, HPLC	0227	4,970.0	180.00	4,457.8	1,145.3	80.542	16	0.45	6%	0
109.02	Vitamin E, HPLC	0629	5,000.0	0.00000	4,457.8	1,145.3	80.542	16	0.47	6%	0
109.02	Vitamin E, HPLC	0723	5,111.1	8.2800	4,457.8	1,145.3	80.542	16	0.57	7%	0
109.02	Vitamin E, HPLC	0675	5,134.8	114.96	4,457.8	1,145.3	80.542	16	0.59	8%	0
109.02	Vitamin E, HPLC	0178	5,447.5	17.000	4,457.8	1,145.3	80.542	16	0.86	11%	0
109.02	Vitamin E, HPLC	0689	5,660.5	235.00	4,457.8	1,145.3	80.542	16	1.05	13%	0
109.02	Vitamin E, HPLC	0722	6,315.1	9.3704	4,457.8	1,145.3	80.542	16	1.62	21%	0
109.02	Vitamin E, HPLC	0878	24,576	271.00	4,457.8	1,145.3	80.542	16	17.57	226%	2
112.00	Pyridoxine, Vitamin B6	0227	128.00	10.000	161.00	46.669	40.000	2	-0.71	10%	0
112.00	Pyridoxine, Vitamin B6	0208	194.00	70.000	161.00	46.669	40.000	2	0.71	10%	0
113.01	Folic Acid,	0208	19.800	0.00000	21.150	1.9092	0.50000	2	-0.71	3%	0
113.01	Folic Acid,	0227	22.500	1.0000	21.150	1.9092	0.50000	2	0.71	3%	0
114.01	Biotin, Microbiological	0208	4.6000	0.08000	6.0525	2.0541	0.06500	2	-0.71	12%	0
114.01	Biotin, Microbiological	0227	7.5050	0.05000	6.0525	2.0541	0.06500	2	0.71	12%	0
120.00	Alanine, Post-col Ninhydrin Der	0859	0.03050	0.00100	0.04070	0.00606	0.00380	5	-1.68	13%	0
120.00	Alanine, Post-col Ninhydrin Der	0227	0.04000	0.00000	0.04070	0.00606	0.00380	5	-0.12	1%	0
120.00	Alanine, Post-col Ninhydrin Der	0676	0.04300	0.00400	0.04070	0.00606	0.00380	5	0.38	3%	0
120.00	Alanine, Post-col Ninhydrin Der	0652	0.04500	0.01000	0.04070	0.00606	0.00380	5	0.71	5%	0
120.00	Alanine, Post-col Ninhydrin Der	0872	0.04500	0.00400	0.04070	0.00606	0.00380	5	0.71	5%	0
121.00	Arginine, Post-col Ninhydrin Der	0227	0.03000	0.00000	0.04390	0.01596	0.00380	5	-0.87	16%	0
121.00	Arginine, Post-col Ninhydrin Der	0652	0.03500	0.01000	0.04390	0.01596	0.00380	5	-0.56	10%	0
121.00	Arginine, Post-col Ninhydrin Der	0676	0.04050	0.00300	0.04390	0.01596	0.00380	5	-0.21	4%	0
121.00	Arginine, Post-col Ninhydrin Der	0872	0.04300	0.00400	0.04390	0.01596	0.00380	5	-0.06	1%	0
121.00	Arginine, Post-col Ninhydrin Der	0859	0.07100	0.00200	0.04390	0.01596	0.00380	5	1.70	31%	0
122.00	Aspartic, Post-col Ninhydrin Der	0859	0.05550	0.00100	0.06110	0.00414	0.00100	5	-1.35	5%	0
122.00	Aspartic, Post-col Ninhydrin Der	0227	0.06000	0.00000	0.06110	0.00414	0.00100	5	-0.27	1%	0
122.00	Aspartic, Post-col Ninhydrin Der	0652	0.06000	0.00000	0.06110	0.00414	0.00100	5	-0.27	1%	0
122.00	Aspartic, Post-col Ninhydrin Der	0676	0.06350	0.00100	0.06110	0.00414	0.00100	5	0.58	2%	0
122.00	Aspartic, Post-col Ninhydrin Der	0872	0.06650	0.00300	0.06110	0.00414	0.00100	5	1.30	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin	0859	0.00750	0.00100	0.02033	0.01158	0.00800	3	-1.11	32%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin	0872	0.02350	0.00300	0.02033	0.01158	0.00800	3	0.27	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin	0652	0.03000	0.02000	0.02033	0.01158	0.00800	3	0.83	24%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der	0676	0.01550	0.00300			0.00300	1			
125.00	Glutamic, Post-col Ninhydrin Der	0227	0.08000	0.00000	0.09240	0.01011	0.00160	5	-1.23	7%	0
125.00	Glutamic, Post-col Ninhydrin Der	0872	0.08900	0.00400	0.09240	0.01011	0.00160	5	-0.34	2%	0
125.00	Glutamic, Post-col Ninhydrin Der	0652	0.09000	0.00000	0.09240	0.01011	0.00160	5	-0.24	1%	0
125.00	Glutamic, Post-col Ninhydrin Der	0676	0.09550	0.00100	0.09240	0.01011	0.00160	5	0.31	2%	0
125.00	Glutamic, Post-col Ninhydrin Der	0859	0.10750	0.00300	0.09240	0.01011	0.00160	5	1.49	8%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
126.00	Glycine, Post-col Ninhydrin Der	0859	0.04000	0.00000	0.05080	0.00729	0.00320	5	-1.48	11%	0
126.00	Glycine, Post-col Ninhydrin Der	0227	0.05000	0.00000	0.05080	0.00729	0.00320	5	-0.11	1%	0
126.00	Glycine, Post-col Ninhydrin Der	0652	0.05000	0.00000	0.05080	0.00729	0.00320	5	-0.11	1%	0
126.00	Glycine, Post-col Ninhydrin Der	0872	0.05400	0.00000	0.05080	0.00729	0.00320	5	0.44	3%	0
126.00	Glycine, Post-col Ninhydrin Der	0676	0.06000	0.01600	0.05080	0.00729	0.00320	5	1.26	9%	0
127.00	Histidine, Post-col Ninhydrin Der	0859	0.00600	0.00000	0.02990	0.03005	0.00300	5	-0.80	40%	0
127.00	Histidine, Post-col Ninhydrin Der	0227	0.02000	0.00000	0.02990	0.03005	0.00300	5	-0.33	17%	0
127.00	Histidine, Post-col Ninhydrin Der	0652	0.02000	0.00000	0.02990	0.03005	0.00300	5	-0.33	17%	0
127.00	Histidine, Post-col Ninhydrin Der	0872	0.02100	0.00000	0.02990	0.03005	0.00300	5	-0.30	15%	0
127.00	Histidine, Post-col Ninhydrin Der	0676	0.08250	0.01500	0.02990	0.03005	0.00300	5	1.75	88%	0
128.00	Isoleucine, Post-col Ninhydrin Der	0227	0.02000	0.00000	0.02250	0.00200	0.00300	5	-1.25	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der	0872	0.02100	0.00200	0.02250	0.00200	0.00300	5	-0.75	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der	0859	0.02300	0.00000	0.02250	0.00200	0.00300	5	0.25	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der	0676	0.02350	0.00300	0.02250	0.00200	0.00300	5	0.50	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der	0652	0.02500	0.01000	0.02250	0.00200	0.00300	5	1.25	6%	0
129.00	Leucine, Post-col Ninhydrin Der	0227	0.03000	0.00000	0.04580	0.00997	0.00080	5	-1.59	17%	0
129.00	Leucine, Post-col Ninhydrin Der	0872	0.04350	0.00100	0.04580	0.00997	0.00080	5	-0.23	3%	0
129.00	Leucine, Post-col Ninhydrin Der	0676	0.04900	0.00200	0.04580	0.00997	0.00080	5	0.32	3%	0
129.00	Leucine, Post-col Ninhydrin Der	0652	0.05000	0.00000	0.04580	0.00997	0.00080	5	0.42	5%	0
129.00	Leucine, Post-col Ninhydrin Der	0859	0.05650	0.00100	0.04580	0.00997	0.00080	5	1.07	12%	0
130.00	L-Lysine, Post-col Ninhydrin Der	0859	0.02500	0.00000	0.03380	0.00759	0.00600	5	-1.16	13%	0
130.00	L-Lysine, Post-col Ninhydrin Der	0227	0.03000	0.00000	0.03380	0.00759	0.00600	5	-0.50	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der	0872	0.03350	0.00100	0.03380	0.00759	0.00600	5	-0.04	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der	0652	0.03500	0.01000	0.03380	0.00759	0.00600	5	0.16	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der	0676	0.04550	0.01900	0.03380	0.00759	0.00600	5	1.54	17%	0
131.00	Methionine, PAO Post-col Ninhydrin Der	0859	0.00800	0.00000	0.01000	0.00200	0.00000	3	-1.00	10%	0
131.00	Methionine, PAO Post-col Ninhydrin Der	0652	0.01000	0.00000	0.01000	0.00200	0.00000	3	0.00	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der	0872	0.01200	0.00000	0.01000	0.00200	0.00000	3	1.00	10%	0
131.02	Methionine, PAO Post-col OPA Der	0676	0.01600	0.00200			0.00200	1			
132.00	Phenylalanine, Post-col Ninhydrin Der	0227	0.02000	0.00000	0.04670	0.04564	0.00540	5	-0.59	29%	0
132.00	Phenylalanine, Post-col Ninhydrin Der	0652	0.02000	0.02000	0.04670	0.04564	0.00540	5	-0.59	29%	0
132.00	Phenylalanine, Post-col Ninhydrin Der	0676	0.03200	0.00400	0.04670	0.04564	0.00540	5	-0.32	16%	0
132.00	Phenylalanine, Post-col Ninhydrin Der	0872	0.03400	0.00200	0.04670	0.04564	0.00540	5	-0.28	14%	0
132.00	Phenylalanine, Post-col Ninhydrin Der	0859	0.12750	0.00100	0.04670	0.04564	0.00540	5	1.77	87%	0
133.00	Proline, Post-col Ninhydrin Der	0859	0.02800	0.00000	0.11390	0.15411	0.00700	5	-0.56	38%	0
133.00	Proline, Post-col Ninhydrin Der	0227	0.03000	0.00000	0.11390	0.15411	0.00700	5	-0.54	37%	0
133.00	Proline, Post-col Ninhydrin Der	0652	0.06000	0.02000	0.11390	0.15411	0.00700	5	-0.35	24%	0
133.00	Proline, Post-col Ninhydrin Der	0872	0.06350	0.00300	0.11390	0.15411	0.00700	5	-0.33	22%	0
133.00	Proline, Post-col Ninhydrin Der	0676	0.38800	0.01200	0.11390	0.15411	0.00700	5	1.78	120%	0
134.00	Serine, Post-col Ninhydrin Der	0227	0.03000	0.00000	0.03630	0.00593	0.00220	5	-1.06	9%	0
134.00	Serine, Post-col Ninhydrin Der	0872	0.03400	0.00000	0.03630	0.00593	0.00220	5	-0.39	3%	0
134.00	Serine, Post-col Ninhydrin Der	0652	0.03500	0.01000	0.03630	0.00593	0.00220	5	-0.22	2%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
134.00	Serine, Post-col Ninhydrin Der	0676	0.03650	0.00100	0.03630	0.00593	0.00220	5	0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der	0859	0.04600	0.00000	0.03630	0.00593	0.00220	5	1.63	13%	0
135.00	Threonine, Post-col Ninhydrin Der	0227	0.02500	0.01000	0.03030	0.00373	0.00260	5	-1.42	9%	0
135.00	Threonine, Post-col Ninhydrin Der	0652	0.03000	0.00000	0.03030	0.00373	0.00260	5	-0.08	0%	0
135.00	Threonine, Post-col Ninhydrin Der	0872	0.03000	0.00200	0.03030	0.00373	0.00260	5	-0.08	0%	0
135.00	Threonine, Post-col Ninhydrin Der	0676	0.03100	0.00000	0.03030	0.00373	0.00260	5	0.19	1%	0
135.00	Threonine, Post-col Ninhydrin Der	0859	0.03550	0.00100	0.03030	0.00373	0.00260	5	1.39	9%	0
135.05	Threonine, Pre-col AQC Der	0038	0.02800	0.00400	0.09900	0.10041	0.00200	2	-0.71	36%	0
135.05	Threonine, Pre-col AQC Der	0610	0.17000	0.00000	0.09900	0.10041	0.00200	2	0.71	36%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV	0868	0.01550	0.00500			0.00500	1			
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI	0859	0.24800	0.00400			0.00400	1			
136.99	Tryptophan, Miscellaneous	0038	0.00410	0.00360	0.00455	0.00064	0.00180	2	-0.71	5%	0
136.99	Tryptophan, Miscellaneous	0610	0.00500	0.00000	0.00455	0.00064	0.00180	2	0.71	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der	0872	0.02200	0.00200	0.02700	0.00436	0.00133	3	-1.15	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der	0676	0.02900	0.00200	0.02700	0.00436	0.00133	3	0.46	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der	0227	0.03000	0.00000	0.02700	0.00436	0.00133	3	0.69	6%	0
138.00	Valine, Post-col Ninhydrin Der	0859	0.02700	0.00000	0.03630	0.00751	0.00300	5	-1.24	13%	0
138.00	Valine, Post-col Ninhydrin Der	0227	0.03000	0.00000	0.03630	0.00751	0.00300	5	-0.84	9%	0
138.00	Valine, Post-col Ninhydrin Der	0676	0.03950	0.00100	0.03630	0.00751	0.00300	5	0.43	4%	0
138.00	Valine, Post-col Ninhydrin Der	0872	0.04000	0.00400	0.03630	0.00751	0.00300	5	0.49	5%	0
138.00	Valine, Post-col Ninhydrin Der	0652	0.04500	0.01000	0.03630	0.00751	0.00300	5	1.16	12%	0
141.00	Methionine Free, LC-PCD	0859	0.00300	0.00000			0.00000	1			