



AAFCO
Association of American Feed Control Officials



Animal Feed Scheme
Beef Feed, Medicated

Labs Reporting: 171
Methods Reported 355
Issue Date : 03/31/2024

Test Material Code # 202422

Method Proficiency Testing Report

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	7.225	0.1500				1		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	7.408	0.0470	7.549	0.1615	0.0633	4		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	7.410	0.0200	7.549	0.1615	0.0633	4		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0407	7.682	0.0363	7.549	0.1615	0.0633	4		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	7.695	0.1500	7.549	0.1615	0.0633	4		0	
001.03	Loss on Drying, Low temp. methods (%)	0202	7.245	0.0300				3		0	
001.03	Loss on Drying, Low temp. methods (%)	0843	7.290	0.2200				3		0	
001.03	Loss on Drying, Low temp. methods (%)	0619	7.935	0.0300				3		0	
001.05	Loss on Drying, LECO (%)	0644	7.431	0.0410				1		0	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	6.725	0.0300	7.434	0.1923	0.0801	44	-3.69	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	6.830	0.2600	7.434	0.1923	0.0801	44	-3.14	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	7.050	0.1000	7.434	0.1923	0.0801	44	-2.00	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	7.145	0.0300	7.434	0.1923	0.0801	44	-1.51	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	7.185	0.0300	7.434	0.1923	0.0801	44	-1.30	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	7.230	0.0510	7.434	0.1923	0.0801	44	-1.07	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	7.230	0.4600	7.434	0.1923	0.0801	44	-1.06	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	7.270	0.0000	7.434	0.1923	0.0801	44	-0.86	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	7.290	0.2200	7.434	0.1923	0.0801	44	-0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0010	7.300	0.0000	7.434	0.1923	0.0801	44	-0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	7.335	0.0700	7.434	0.1923	0.0801	44	-0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	7.335	0.2100	7.434	0.1923	0.0801	44	-0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	7.340	0.1000	7.434	0.1923	0.0801	44	-0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	7.350	0.0200	7.434	0.1923	0.0801	44	-0.44	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	7.350	0.1000	7.434	0.1923	0.0801	44	-0.44	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	7.375	0.1100	7.434	0.1923	0.0801	44	-0.31	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2264	7.389	0.0380	7.434	0.1923	0.0801	44	-0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	7.395	0.0100	7.434	0.1923	0.0801	44	-0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	7.397	0.0116	7.434	0.1923	0.0801	44	-0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	7.400	0.0000	7.434	0.1923	0.0801	44	-0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	7.415	0.2700	7.434	0.1923	0.0801	44	-0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	7.420	0.0400	7.434	0.1923	0.0801	44	-0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	7.425	0.1100	7.434	0.1923	0.0801	44	-0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2195	7.435	0.0100	7.434	0.1923	0.0801	44	0.00	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	7.445	0.0300	7.434	0.1923	0.0801	44	0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	7.460	0.0000	7.434	0.1923	0.0801	44	0.13	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	7.485	0.1900	7.434	0.1923	0.0801	44	0.26	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	7.485	0.0100	7.434	0.1923	0.0801	44	0.26	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	7.485	0.0900	7.434	0.1923	0.0801	44	0.26	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	7.488	0.0080	7.434	0.1923	0.0801	44	0.28	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	7.495	0.0100	7.434	0.1923	0.0801	44	0.31	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	7.495	0.1100	7.434	0.1923	0.0801	44	0.31	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	7.509	0.0074	7.434	0.1923	0.0801	44	0.39	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	7.594	0.1470	7.434	0.1923	0.0801	44	0.83	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	7.600	0.2000	7.434	0.1923	0.0801	44	0.86	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	7.615	0.0900	7.434	0.1923	0.0801	44	0.94	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.620	0.1600	7.434	0.1923	0.0801	44	0.97	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	7.650	0.0200	7.434	0.1923	0.0801	44	1.12	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	7.655	0.0300	7.434	0.1923	0.0801	44	1.15	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	7.695	0.0500	7.434	0.1923	0.0801	44	1.36	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	7.735	0.0900	7.434	0.1923	0.0801	44	1.56	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	7.787	0.0950	7.434	0.1923	0.0801	44	1.83	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	7.900	0.0400	7.434	0.1923	0.0801	44	2.42	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.270	0.0200	7.434	0.1923	0.0801	44	4.35	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	6.900	1.200	7.434	0.1923	0.0801	44	-2.78	4%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.325	0.8100	7.434	0.1923	0.0801	44	4.63	6%	1
001.99	Loss on Drying, Miscellaneous (%)	0889	6.485	0.2500	7.482	0.6197	0.1310	16	-1.61	7%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	6.541	0.0062	7.482	0.6197	0.1310	16	-1.52	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	6.950	0.1000	7.482	0.6197	0.1310	16	-0.86	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	7.180	0.0000	7.482	0.6197	0.1310	16	-0.49	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.180	0.0000	7.482	0.6197	0.1310	16	-0.49	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	7.180	0.0800	7.482	0.6197	0.1310	16	-0.49	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	7.240	0.0200	7.482	0.6197	0.1310	16	-0.39	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	7.475	0.2100	7.482	0.6197	0.1310	16	-0.01	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	7.510	0.0200	7.482	0.6197	0.1310	16	0.04	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	7.700	0.0000	7.482	0.6197	0.1310	16	0.35	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	7.798	0.1650	7.482	0.6197	0.1310	16	0.51	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	7.865	0.0500	7.482	0.6197	0.1310	16	0.62	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	7.950	0.4000	7.482	0.6197	0.1310	16	0.75	3%	0
001.99	Loss on Drying, Miscellaneous (%)	2392	7.960	0.4500	7.482	0.6197	0.1310	16	0.77	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	8.210	0.0936	7.482	0.6197	0.1310	16	1.17	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0183	8.994	0.0660	7.482	0.6197	0.1310	16	2.44	10%	0
002.00	Protein, Crude, Crude (%)	0169	13.39	0.1400				3			0
002.00	Protein, Crude, Crude (%)	2397	13.61	0.0100				3			0
002.00	Protein, Crude, Crude (%)	2433	13.75	0.3000				3			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2482	13.24	0.0200	13.50	0.1549	0.1229	17	-1.68	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
002.01	Protein, Crude, Auto Kjell-Foss (%)	0656	13.31	0.0000	13.50	0.1549	0.1229	17	-1.23	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	13.34	0.2000	13.50	0.1549	0.1229	17	-1.06	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0889	13.38	0.0100	13.50	0.1549	0.1229	17	-0.81	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	13.42	0.0900	13.50	0.1549	0.1229	17	-0.55	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2325	13.42	0.0300	13.50	0.1549	0.1229	17	-0.55	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2195	13.43	0.2000	13.50	0.1549	0.1229	17	-0.45	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0968	13.49	0.1000	13.50	0.1549	0.1229	17	-0.07	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0610	13.53	0.0500	13.50	0.1549	0.1229	17	0.16	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2434	13.54	0.0000	13.50	0.1549	0.1229	17	0.26	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	13.56	0.0000	13.50	0.1549	0.1229	17	0.38	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2259	13.57	0.0770	13.50	0.1549	0.1229	17	0.44	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2457	13.59	0.1790	13.50	0.1549	0.1229	17	0.56	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0674	13.60	0.0000	13.50	0.1549	0.1229	17	0.64	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0652	13.65	0.3000	13.50	0.1549	0.1229	17	0.97	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	13.71	0.1300	13.50	0.1549	0.1229	17	1.32	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	14.00	0.2400	13.50	0.1549	0.1229	17	3.22	2%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0848	13.65	0.5500	13.50	0.1549	0.1229	17	0.93	1%	1
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	13.43	0.0900				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	13.27	0.1600				1			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	13.05	0.1000	13.44	0.1747	0.0932	26	-2.25	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	13.20	0.0400	13.44	0.1747	0.0932	26	-1.39	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	13.23	0.0100	13.44	0.1747	0.0932	26	-1.25	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	13.26	0.1300	13.44	0.1747	0.0932	26	-1.08	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	13.27	0.0300	13.44	0.1747	0.0932	26	-1.02	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	13.29	0.1300	13.44	0.1747	0.0932	26	-0.91	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0622	13.29	0.0675	13.44	0.1747	0.0932	26	-0.87	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	13.36	0.1600	13.44	0.1747	0.0932	26	-0.48	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	13.38	0.0100	13.44	0.1747	0.0932	26	-0.39	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	13.39	0.1500	13.44	0.1747	0.0932	26	-0.33	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	13.42	0.0424	13.44	0.1747	0.0932	26	-0.12	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0563	13.43	0.0206	13.44	0.1747	0.0932	26	-0.09	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	13.44	0.0788	13.44	0.1747	0.0932	26	-0.04	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0722	13.45	0.1000	13.44	0.1747	0.0932	26	0.04	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	13.49	0.0300	13.44	0.1747	0.0932	26	0.24	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2264	13.49	0.1290	13.44	0.1747	0.0932	26	0.29	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2392	13.50	0.2000	13.44	0.1747	0.0932	26	0.33	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	13.55	0.1000	13.44	0.1747	0.0932	26	0.61	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	13.56	0.1900	13.44	0.1747	0.0932	26	0.64	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	13.56	0.0977	13.44	0.1747	0.0932	26	0.66	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	13.57	0.1200	13.44	0.1747	0.0932	26	0.73	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2337	13.60	0.0100	13.44	0.1747	0.0932	26	0.87	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	13.60	0.0000	13.44	0.1747	0.0932	26	0.90	1%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	2192	13.65	0.2900	13.44	0.1747	0.0932	26	1.16	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	13.93	0.1500	13.44	0.1747	0.0932	26	2.76	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	13.98	0.0400	13.44	0.1747	0.0932	26	3.07	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2476	11.60	0.1160	13.62	0.2721	0.1628	104	-7.41	7%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2246	11.89	0.0600	13.62	0.2721	0.1628	104	-6.35	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0953	12.49	0.1200	13.62	0.2721	0.1628	104	-4.14	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0539	13.17	0.0600	13.62	0.2721	0.1628	104	-1.64	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0183	13.19	0.1600	13.62	0.2721	0.1628	104	-1.57	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0692	13.20	1.000	13.62	0.2721	0.1628	104	-1.53	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0884	13.25	0.1000	13.62	0.2721	0.1628	104	-1.35	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0263	13.25	0.0300	13.62	0.2721	0.1628	104	-1.35	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2174	13.27	0.2700	13.62	0.2721	0.1628	104	-1.29	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2089	13.29	0.0100	13.62	0.2721	0.1628	104	-1.22	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0278	13.30	0.0100	13.62	0.2721	0.1628	104	-1.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0505	13.32	0.0800	13.62	0.2721	0.1628	104	-1.09	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0512	13.33	0.1300	13.62	0.2721	0.1628	104	-1.07	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0870	13.33	0.1563	13.62	0.2721	0.1628	104	-1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0294	13.34	0.2700	13.62	0.2721	0.1628	104	-1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0529	13.34	0.0200	13.62	0.2721	0.1628	104	-1.02	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2303	13.35	0.0230	13.62	0.2721	0.1628	104	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0042	13.35	0.3000	13.62	0.2721	0.1628	104	-0.98	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0675	13.35	0.0600	13.62	0.2721	0.1628	104	-0.98	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0297	13.36	0.0500	13.62	0.2721	0.1628	104	-0.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0028	13.39	0.3900	13.62	0.2721	0.1628	104	-0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0366	13.40	0.6000	13.62	0.2721	0.1628	104	-0.80	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0098	13.40	0.2000	13.62	0.2721	0.1628	104	-0.80	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2059	13.41	0.1281	13.62	0.2721	0.1628	104	-0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0047	13.42	0.1600	13.62	0.2721	0.1628	104	-0.72	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0693	13.44	0.0000	13.62	0.2721	0.1628	104	-0.66	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0510	13.45	0.1000	13.62	0.2721	0.1628	104	-0.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0590	13.45	0.1000	13.62	0.2721	0.1628	104	-0.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2150	13.45	0.0200	13.62	0.2721	0.1628	104	-0.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2453	13.47	0.1800	13.62	0.2721	0.1628	104	-0.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0226	13.48	0.3500	13.62	0.2721	0.1628	104	-0.52	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0144	13.49	0.1200	13.62	0.2721	0.1628	104	-0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0948	13.49	0.0200	13.62	0.2721	0.1628	104	-0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0511	13.50	0.0700	13.62	0.2721	0.1628	104	-0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0413	13.50	0.0000	13.62	0.2721	0.1628	104	-0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0610	13.50	0.0000	13.62	0.2721	0.1628	104	-0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0619	13.50	0.2000	13.62	0.2721	0.1628	104	-0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0644	13.52	0.1170	13.62	0.2721	0.1628	104	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0035	13.53	0.0400	13.62	0.2721	0.1628	104	-0.32	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0541	13.54	0.3500	13.62	0.2721	0.1628	104	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0354	13.54	0.0800	13.62	0.2721	0.1628	104	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0108	13.55	0.2300	13.62	0.2721	0.1628	104	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0010	13.55	0.3000	13.62	0.2721	0.1628	104	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0033	13.55	0.3000	13.62	0.2721	0.1628	104	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0074	13.56	0.4000	13.62	0.2721	0.1628	104	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0964	13.59	0.0700	13.62	0.2721	0.1628	104	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0571	13.59	0.1600	13.62	0.2721	0.1628	104	-0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0859	13.59	0.1020	13.62	0.2721	0.1628	104	-0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2268	13.60	0.2500	13.62	0.2721	0.1628	104	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2388	13.60	0.0000	13.62	0.2721	0.1628	104	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0100	13.60	0.1000	13.62	0.2721	0.1628	104	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0018	13.61	0.1000	13.62	0.2721	0.1628	104	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0504	13.61	0.0600	13.62	0.2721	0.1628	104	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2168	13.62	0.3400	13.62	0.2721	0.1628	104	0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0004	13.63	0.3900	13.62	0.2721	0.1628	104	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0520	13.63	0.2500	13.62	0.2721	0.1628	104	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2392	13.63	0.0950	13.62	0.2721	0.1628	104	0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0300	13.63	0.0200	13.62	0.2721	0.1628	104	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0939	13.63	0.1000	13.62	0.2721	0.1628	104	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0968	13.63	0.0400	13.62	0.2721	0.1628	104	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0202	13.65	0.1000	13.62	0.2721	0.1628	104	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0941	13.65	0.0200	13.62	0.2721	0.1628	104	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0032	13.67	0.1460	13.62	0.2721	0.1628	104	0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0036	13.69	0.0500	13.62	0.2721	0.1628	104	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0353	13.69	0.1600	13.62	0.2721	0.1628	104	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0027	13.70	0.1520	13.62	0.2721	0.1628	104	0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0009	13.70	0.0600	13.62	0.2721	0.1628	104	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0049	13.70	0.0000	13.62	0.2721	0.1628	104	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0848	13.70	0.2000	13.62	0.2721	0.1628	104	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0357	13.71	0.1219	13.62	0.2721	0.1628	104	0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0508	13.74	0.0160	13.62	0.2721	0.1628	104	0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2319	13.75	0.5000	13.62	0.2721	0.1628	104	0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2349	13.75	0.3000	13.62	0.2721	0.1628	104	0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0171	13.77	0.0700	13.62	0.2721	0.1628	104	0.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0229	13.77	0.3300	13.62	0.2721	0.1628	104	0.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0006	13.78	0.0000	13.62	0.2721	0.1628	104	0.60	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0011	13.79	0.1100	13.62	0.2721	0.1628	104	0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0574	13.79	0.0100	13.62	0.2721	0.1628	104	0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2076	13.79	0.1810	13.62	0.2721	0.1628	104	0.65	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0017	13.80	0.2000	13.62	0.2721	0.1628	104	0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0045	13.80	0.2000	13.62	0.2721	0.1628	104	0.67	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0876	13.80	0.2000	13.62	0.2721	0.1628	104	0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0956	13.80	0.6000	13.62	0.2721	0.1628	104	0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0190	13.81	0.0300	13.62	0.2721	0.1628	104	0.69	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0407	13.83	0.0530	13.62	0.2721	0.1628	104	0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2181	13.85	0.2300	13.62	0.2721	0.1628	104	0.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0726	13.85	0.1600	13.62	0.2721	0.1628	104	0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0598	13.86	0.2100	13.62	0.2721	0.1628	104	0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0358	13.95	0.1800	13.62	0.2721	0.1628	104	1.22	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0656	13.96	0.0000	13.62	0.2721	0.1628	104	1.26	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1019	13.96	0.5600	13.62	0.2721	0.1628	104	1.26	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0148	13.98	0.1000	13.62	0.2721	0.1628	104	1.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0019	14.01	0.8100	13.62	0.2721	0.1628	104	1.44	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0001	14.08	0.2000	13.62	0.2721	0.1628	104	1.70	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0083	14.11	0.0300	13.62	0.2721	0.1628	104	1.79	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2129	14.11	0.2700	13.62	0.2721	0.1628	104	1.79	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0186	14.17	0.1900	13.62	0.2721	0.1628	104	2.01	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0843	14.55	0.5900	13.62	0.2721	0.1628	104	3.41	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0034	14.60	0.0020	13.62	0.2721	0.1628	104	3.63	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0682	14.63	0.0000	13.62	0.2721	0.1628	104	3.72	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0089	14.67	0.0000	13.62	0.2721	0.1628	104	3.87	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0687	14.82	0.3700	13.62	0.2721	0.1628	104	4.40	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2326	15.60	0.5700	13.62	0.2721	0.1628	104	7.27	7%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0345	16.25	0.1000	13.62	0.2721	0.1628	104	9.68	10%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0853	12.60	2.800	13.62	0.2721	0.1628	104	-3.74	4%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0003	13.65	1.700	13.62	0.2721	0.1628	104	0.12	0%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer	9995	0.0000	0.0000	13.62	0.2721	0.1628	104			4
002.08	Protein, Crude, Cu/Ti (%)	0098	13.34	0.3100				2			0
002.08	Protein, Crude, Cu/Ti (%)	0563	13.42	0.0135				2			0
002.10	Protein, Crude, Block dig/distillation (%)	0629	13.52	0.2000				1			0
002.11	Protein, Crude, NIR (%)	0889	12.86	0.2900	17.76	5.178	0.3570	11	-0.95	14%	0
002.11	Protein, Crude, NIR (%)	2386	13.25	0.7300	17.76	5.178	0.3570	11	-0.87	13%	0
002.11	Protein, Crude, NIR (%)	0297	14.95	0.1800	17.76	5.178	0.3570	11	-0.54	8%	0
002.11	Protein, Crude, NIR (%)	2105	15.10	0.3700	17.76	5.178	0.3570	11	-0.51	7%	0
002.11	Protein, Crude, NIR (%)	2303	15.33	0.3100	17.76	5.178	0.3570	11	-0.47	7%	0
002.11	Protein, Crude, NIR (%)	0885	15.98	0.1000	17.76	5.178	0.3570	11	-0.34	5%	0
002.11	Protein, Crude, NIR (%)	0852	15.99	0.0900	17.76	5.178	0.3570	11	-0.34	5%	0
002.11	Protein, Crude, NIR (%)	2168	19.37	0.5500	17.76	5.178	0.3570	11	0.31	5%	0
002.11	Protein, Crude, NIR (%)	2174	21.47	0.2700	17.76	5.178	0.3570	11	0.72	10%	0
002.11	Protein, Crude, NIR (%)	2387	30.20	0.5200	17.76	5.178	0.3570	11	2.40	35%	0
002.11	Protein, Crude, NIR (%)	2388	31.47	0.5500	17.76	5.178	0.3570	11	2.65	39%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	2.857	0.0358	4.022	0.4927	0.0819	14	-2.37	14%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	3.400	0.1000	4.022	0.4927	0.0819	14	-1.26	8%	0

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003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2397	3.695	0.0900	4.022	0.4927	0.0819	14	-0.66	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2325	3.750	0.0200	4.022	0.4927	0.0819	14	-0.55	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0011	3.850	0.0400	4.022	0.4927	0.0819	14	-0.35	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2457	3.860	0.0800	4.022	0.4927	0.0819	14	-0.33	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2115	3.925	0.1500	4.022	0.4927	0.0819	14	-0.20	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	4.095	0.0900	4.022	0.4927	0.0819	14	0.15	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	4.130	0.0600	4.022	0.4927	0.0819	14	0.22	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	4.165	0.0100	4.022	0.4927	0.0819	14	0.29	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0035	4.210	0.0800	4.022	0.4927	0.0819	14	0.38	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2337	4.535	0.0500	4.022	0.4927	0.0819	14	1.04	6%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	4.650	0.3000	4.022	0.4927	0.0819	14	1.27	8%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0032	4.800	0.4000	4.022	0.4927	0.0819	14	1.58	10%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0504	3.245	0.1500				2			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0563	4.178	0.0571				2			0
003.06	Fat, Crude, Pet Ether (%)	0297	3.700	0.2600	4.111	0.2693	0.0991	16	-1.53	5%	0
003.06	Fat, Crude, Pet Ether (%)	0169	3.785	0.0300	4.111	0.2693	0.0991	16	-1.21	4%	0
003.06	Fat, Crude, Pet Ether (%)	0674	3.800	0.0000	4.111	0.2693	0.0991	16	-1.15	4%	0
003.06	Fat, Crude, Pet Ether (%)	0939	3.845	0.0300	4.111	0.2693	0.0991	16	-0.99	3%	0
003.06	Fat, Crude, Pet Ether (%)	0968	3.950	0.0600	4.111	0.2693	0.0991	16	-0.60	2%	0
003.06	Fat, Crude, Pet Ether (%)	0675	4.050	0.0400	4.111	0.2693	0.0991	16	-0.23	1%	0
003.06	Fat, Crude, Pet Ether (%)	2392	4.070	0.0400	4.111	0.2693	0.0991	16	-0.15	0%	0
003.06	Fat, Crude, Pet Ether (%)	2181	4.095	0.0700	4.111	0.2693	0.0991	16	-0.06	0%	0
003.06	Fat, Crude, Pet Ether (%)	0294	4.190	0.1600	4.111	0.2693	0.0991	16	0.29	1%	0
003.06	Fat, Crude, Pet Ether (%)	0656	4.210	0.0000	4.111	0.2693	0.0991	16	0.37	1%	0
003.06	Fat, Crude, Pet Ether (%)	0884	4.250	0.3000	4.111	0.2693	0.0991	16	0.52	2%	0
003.06	Fat, Crude, Pet Ether (%)	0644	4.288	0.0330	4.111	0.2693	0.0991	16	0.66	2%	0
003.06	Fat, Crude, Pet Ether (%)	0689	4.300	0.0000	4.111	0.2693	0.0991	16	0.70	2%	0
003.06	Fat, Crude, Pet Ether (%)	0229	4.375	0.1500	4.111	0.2693	0.0991	16	0.98	3%	0
003.06	Fat, Crude, Pet Ether (%)	0682	4.400	0.0000	4.111	0.2693	0.0991	16	1.07	4%	0
003.06	Fat, Crude, Pet Ether (%)	0687	4.460	0.1200	4.111	0.2693	0.0991	16	1.30	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	3.900	0.5200	4.194	0.2402	0.1606	13	-1.22	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	4.010	0.0660	4.194	0.2402	0.1606	13	-0.76	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	4.010	0.0200	4.194	0.2402	0.1606	13	-0.76	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2349	4.045	0.0900	4.194	0.2402	0.1606	13	-0.62	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2453	4.095	0.1100	4.194	0.2402	0.1606	13	-0.41	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0722	4.096	0.2035	4.194	0.2402	0.1606	13	-0.41	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	4.120	0.3400	4.194	0.2402	0.1606	13	-0.31	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2476	4.159	0.1240	4.194	0.2402	0.1606	13	-0.14	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0512	4.192	0.0040	4.194	0.2402	0.1606	13	-0.01	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0964	4.387	0.3540	4.194	0.2402	0.1606	13	0.80	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	4.400	0.0000	4.194	0.2402	0.1606	13	0.86	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	4.550	0.2000	4.194	0.2402	0.1606	13	1.48	4%	0

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003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	4.670	0.0200	4.194	0.2402	0.1606	13	1.98	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	3.415	0.0100	4.076	0.2030	0.0833	24	-3.26	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0622	3.708	0.0149	4.076	0.2030	0.0833	24	-1.82	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	3.749	0.1671	4.076	0.2030	0.0833	24	-1.61	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	3.880	0.0340	4.076	0.2030	0.0833	24	-0.97	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	3.920	0.1600	4.076	0.2030	0.0833	24	-0.77	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0629	3.945	0.0700	4.076	0.2030	0.0833	24	-0.65	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	3.971	0.0010	4.076	0.2030	0.0833	24	-0.52	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	4.015	0.0100	4.076	0.2030	0.0833	24	-0.30	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	4.020	0.0200	4.076	0.2030	0.0833	24	-0.28	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	4.054	0.0016	4.076	0.2030	0.0833	24	-0.11	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	4.065	0.0100	4.076	0.2030	0.0833	24	-0.06	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	4.065	0.0100	4.076	0.2030	0.0833	24	-0.06	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	4.065	0.1100	4.076	0.2030	0.0833	24	-0.06	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	4.100	0.0000	4.076	0.2030	0.0833	24	0.12	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2195	4.125	0.1700	4.076	0.2030	0.0833	24	0.24	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2434	4.140	0.0000	4.076	0.2030	0.0833	24	0.31	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0610	4.145	0.2500	4.076	0.2030	0.0833	24	0.34	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	4.210	0.1000	4.076	0.2030	0.0833	24	0.66	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	4.220	0.2082	4.076	0.2030	0.0833	24	0.71	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	4.225	0.0500	4.076	0.2030	0.0833	24	0.73	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	4.240	0.0000	4.076	0.2030	0.0833	24	0.81	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	4.350	0.3000	4.076	0.2030	0.0833	24	1.35	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	4.390	0.0800	4.076	0.2030	0.0833	24	1.55	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	4.400	0.0000	4.076	0.2030	0.0833	24	1.59	4%	0
003.11	Fat, Crude, NIR (%)	2105	3.015	0.0100	5.773	2.394	0.1313	10	-1.15	24%	0
003.11	Fat, Crude, NIR (%)	0885	4.005	0.0300	5.773	2.394	0.1313	10	-0.74	15%	0
003.11	Fat, Crude, NIR (%)	0889	4.190	0.0400	5.773	2.394	0.1313	10	-0.66	14%	0
003.11	Fat, Crude, NIR (%)	2388	4.565	0.1900	5.773	2.394	0.1313	10	-0.50	10%	0
003.11	Fat, Crude, NIR (%)	2387	4.880	0.0800	5.773	2.394	0.1313	10	-0.37	8%	0
003.11	Fat, Crude, NIR (%)	0852	4.885	0.2100	5.773	2.394	0.1313	10	-0.37	8%	0
003.11	Fat, Crude, NIR (%)	2386	6.710	0.1200	5.773	2.394	0.1313	10	0.39	8%	0
003.11	Fat, Crude, NIR (%)	2174	8.125	0.3900	5.773	2.394	0.1313	10	0.98	20%	0
003.11	Fat, Crude, NIR (%)	2303	8.135	0.2900	5.773	2.394	0.1313	10	0.99	20%	0
003.11	Fat, Crude, NIR (%)	2168	9.215	0.0100	5.773	2.394	0.1313	10	1.44	30%	0
003.12	Fat, Crude, Hexane Ext (%)	2326	3.750	0.5000	4.115	0.2976	0.2800	4			0
003.12	Fat, Crude, Hexane Ext (%)	2199	4.000	0.4000	4.115	0.2976	0.2800	4			0
003.12	Fat, Crude, Hexane Ext (%)	0171	4.310	0.0200	4.115	0.2976	0.2800	4			0
003.12	Fat, Crude, Hexane Ext (%)	2200	4.400	0.2000	4.115	0.2976	0.2800	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	4.195	0.0500	4.303	0.1177	0.0830	5			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	4.225	0.0500	4.303	0.1177	0.0830	5			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	4.280	0.0849	4.303	0.1177	0.0830	5			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	4.320	0.0600	4.303	0.1177	0.0830	5			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	4.495	0.1700	4.303	0.1177	0.0830	5			0
003.14	Fat, Crude, Ankom (%)	2302	3.255	0.0300	4.017	0.2317	0.0995	55	-3.29	9%	0
003.14	Fat, Crude, Ankom (%)	0278	3.300	0.0200	4.017	0.2317	0.0995	55	-3.09	9%	0
003.14	Fat, Crude, Ankom (%)	0003	3.345	0.0100	4.017	0.2317	0.0995	55	-2.90	8%	0
003.14	Fat, Crude, Ankom (%)	0019	3.585	0.4300	4.017	0.2317	0.0995	55	-1.86	5%	0
003.14	Fat, Crude, Ankom (%)	0089	3.635	0.0300	4.017	0.2317	0.0995	55	-1.65	5%	0
003.14	Fat, Crude, Ankom (%)	0026	3.720	0.4400	4.017	0.2317	0.0995	55	-1.28	4%	0
003.14	Fat, Crude, Ankom (%)	0682	3.740	0.0000	4.017	0.2317	0.0995	55	-1.19	3%	0
003.14	Fat, Crude, Ankom (%)	0144	3.745	0.0700	4.017	0.2317	0.0995	55	-1.17	3%	0
003.14	Fat, Crude, Ankom (%)	0083	3.765	0.0100	4.017	0.2317	0.0995	55	-1.09	3%	0
003.14	Fat, Crude, Ankom (%)	2433	3.783	0.1069	4.017	0.2317	0.0995	55	-1.01	3%	0
003.14	Fat, Crude, Ankom (%)	0186	3.805	0.0700	4.017	0.2317	0.0995	55	-0.91	3%	0
003.14	Fat, Crude, Ankom (%)	2129	3.805	0.1300	4.017	0.2317	0.0995	55	-0.91	3%	0
003.14	Fat, Crude, Ankom (%)	0066	3.855	0.0500	4.017	0.2317	0.0995	55	-0.70	2%	0
003.14	Fat, Crude, Ankom (%)	0968	3.920	0.1000	4.017	0.2317	0.0995	55	-0.42	1%	0
003.14	Fat, Crude, Ankom (%)	0848	3.945	0.0700	4.017	0.2317	0.0995	55	-0.31	1%	0
003.14	Fat, Crude, Ankom (%)	0358	3.950	0.1600	4.017	0.2317	0.0995	55	-0.29	1%	0
003.14	Fat, Crude, Ankom (%)	2115	3.950	0.2400	4.017	0.2317	0.0995	55	-0.29	1%	0
003.14	Fat, Crude, Ankom (%)	0183	3.953	0.1250	4.017	0.2317	0.0995	55	-0.28	1%	0
003.14	Fat, Crude, Ankom (%)	0171	3.960	0.0600	4.017	0.2317	0.0995	55	-0.24	1%	0
003.14	Fat, Crude, Ankom (%)	0034	3.965	0.1100	4.017	0.2317	0.0995	55	-0.22	1%	0
003.14	Fat, Crude, Ankom (%)	0581	3.970	0.0200	4.017	0.2317	0.0995	55	-0.20	1%	0
003.14	Fat, Crude, Ankom (%)	0202	3.985	0.2500	4.017	0.2317	0.0995	55	-0.14	0%	0
003.14	Fat, Crude, Ankom (%)	0357	3.990	0.0800	4.017	0.2317	0.0995	55	-0.12	0%	0
003.14	Fat, Crude, Ankom (%)	0675	3.995	0.0100	4.017	0.2317	0.0995	55	-0.09	0%	0
003.14	Fat, Crude, Ankom (%)	0948	3.995	0.0300	4.017	0.2317	0.0995	55	-0.09	0%	0
003.14	Fat, Crude, Ankom (%)	0108	4.000	0.0800	4.017	0.2317	0.0995	55	-0.07	0%	0
003.14	Fat, Crude, Ankom (%)	0853	4.000	0.0000	4.017	0.2317	0.0995	55	-0.07	0%	0
003.14	Fat, Crude, Ankom (%)	0956	4.000	0.0000	4.017	0.2317	0.0995	55	-0.07	0%	0
003.14	Fat, Crude, Ankom (%)	0016	4.015	0.0500	4.017	0.2317	0.0995	55	-0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0407	4.015	0.0234	4.017	0.2317	0.0995	55	-0.01	0%	0
003.14	Fat, Crude, Ankom (%)	2076	4.016	0.2000	4.017	0.2317	0.0995	55	0.00	0%	0
003.14	Fat, Crude, Ankom (%)	0876	4.025	0.0100	4.017	0.2317	0.0995	55	0.04	0%	0
003.14	Fat, Crude, Ankom (%)	2146	4.030	0.0400	4.017	0.2317	0.0995	55	0.06	0%	0
003.14	Fat, Crude, Ankom (%)	0035	4.050	0.1200	4.017	0.2317	0.0995	55	0.14	0%	0
003.14	Fat, Crude, Ankom (%)	0619	4.050	0.2000	4.017	0.2317	0.0995	55	0.14	0%	0
003.14	Fat, Crude, Ankom (%)	0692	4.055	0.0900	4.017	0.2317	0.0995	55	0.17	0%	0
003.14	Fat, Crude, Ankom (%)	0009	4.090	0.0000	4.017	0.2317	0.0995	55	0.32	1%	0
003.14	Fat, Crude, Ankom (%)	0004	4.095	0.0900	4.017	0.2317	0.0995	55	0.34	1%	0
003.14	Fat, Crude, Ankom (%)	0505	4.105	0.0700	4.017	0.2317	0.0995	55	0.38	1%	0
003.14	Fat, Crude, Ankom (%)	0033	4.125	0.0300	4.017	0.2317	0.0995	55	0.47	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Crude, Ankom (%)	0574	4.140	0.1800	4.017	0.2317	0.0995	55	0.53	2%	0
003.14	Fat, Crude, Ankom (%)	0148	4.175	0.1500	4.017	0.2317	0.0995	55	0.68	2%	0
003.14	Fat, Crude, Ankom (%)	0511	4.180	0.2200	4.017	0.2317	0.0995	55	0.70	2%	0
003.14	Fat, Crude, Ankom (%)	0226	4.190	0.1200	4.017	0.2317	0.0995	55	0.75	2%	0
003.14	Fat, Crude, Ankom (%)	0413	4.195	0.0500	4.017	0.2317	0.0995	55	0.77	2%	0
003.14	Fat, Crude, Ankom (%)	0529	4.200	0.1200	4.017	0.2317	0.0995	55	0.79	2%	0
003.14	Fat, Crude, Ankom (%)	0598	4.230	0.0200	4.017	0.2317	0.0995	55	0.92	3%	0
003.14	Fat, Crude, Ankom (%)	0563	4.262	0.0429	4.017	0.2317	0.0995	55	1.06	3%	0
003.14	Fat, Crude, Ankom (%)	0049	4.350	0.4800	4.017	0.2317	0.0995	55	1.44	4%	0
003.14	Fat, Crude, Ankom (%)	0001	4.381	0.1950	4.017	0.2317	0.0995	55	1.57	5%	0
003.14	Fat, Crude, Ankom (%)	0300	4.500	0.0800	4.017	0.2317	0.0995	55	2.09	6%	0
003.14	Fat, Crude, Ankom (%)	0726	4.660	0.1000	4.017	0.2317	0.0995	55	2.78	8%	0
003.14	Fat, Crude, Ankom (%)	0510	4.770	0.1200	4.017	0.2317	0.0995	55	3.25	9%	0
003.14	Fat, Crude, Ankom (%)	0520	5.085	0.2900	4.017	0.2317	0.0995	55	4.61	13%	0
003.14	Fat, Crude, Ankom (%)	0190	5.150	0.0800	4.017	0.2317	0.0995	55	4.89	14%	0
003.14	Fat, Crude, Ankom (%)	0229	3.685	0.5300	4.017	0.2317	0.0995	55	-1.43	4%	1
003.99	Fat, Crude, Miscellaneous (%)	0536	3.705	0.1300				3			0
003.99	Fat, Crude, Miscellaneous (%)	0656	4.210	0.0000				3			0
003.99	Fat, Crude, Miscellaneous (%)	1019	6.635	0.0900				3			0
004.00	Fiber, Crude, Asbestos Free (%)	0345	5.715	0.0700	16.24	1.563	0.4028	10	-6.74	32%	0
004.00	Fiber, Crude, Asbestos Free (%)	0186	15.01	0.2600	16.24	1.563	0.4028	10	-0.79	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	15.19	0.0200	16.24	1.563	0.4028	10	-0.67	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2146	15.96	0.0500	16.24	1.563	0.4028	10	-0.18	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	16.00	0.4000	16.24	1.563	0.4028	10	-0.15	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	16.42	0.2900	16.24	1.563	0.4028	10	0.11	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2326	16.49	1.930	16.24	1.563	0.4028	10	0.16	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2264	16.97	0.3234	16.24	1.563	0.4028	10	0.47	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	17.90	0.6000	16.24	1.563	0.4028	10	1.06	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	19.76	0.9930	16.24	1.563	0.4028	10	2.25	11%	0
004.03	Fiber, Crude, Fritted Glass (%)	0353	15.18	0.8100	16.38	1.668	0.2950	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	15.18	0.0400	16.38	1.668	0.2950	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	16.44	0.3000	16.38	1.668	0.2950	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	18.72	0.0300	16.38	1.668	0.2950	4			0
004.06	Fiber, Crude, Fibertec (%)	2199	12.65	0.1000	15.94	0.6799	0.1816	20	-4.84	10%	0
004.06	Fiber, Crude, Fibertec (%)	2200	14.65	0.7000	15.94	0.6799	0.1816	20	-1.90	4%	0
004.06	Fiber, Crude, Fibertec (%)	0968	15.33	0.2100	15.94	0.6799	0.1816	20	-0.91	2%	0
004.06	Fiber, Crude, Fibertec (%)	2115	15.46	0.2900	15.94	0.6799	0.1816	20	-0.72	2%	0
004.06	Fiber, Crude, Fibertec (%)	2325	15.54	0.0200	15.94	0.6799	0.1816	20	-0.59	1%	0
004.06	Fiber, Crude, Fibertec (%)	2319	15.55	0.1000	15.94	0.6799	0.1816	20	-0.58	1%	0
004.06	Fiber, Crude, Fibertec (%)	0722	15.57	0.1923	15.94	0.6799	0.1816	20	-0.55	1%	0
004.06	Fiber, Crude, Fibertec (%)	0964	15.66	0.0000	15.94	0.6799	0.1816	20	-0.41	1%	0
004.06	Fiber, Crude, Fibertec (%)	0098	15.68	0.0500	15.94	0.6799	0.1816	20	-0.39	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Crude, Fibertec (%)	0948	15.83	0.0400	15.94	0.6799	0.1816	20	-0.16	0%	0
004.06	Fiber, Crude, Fibertec (%)	0941	16.01	0.2300	15.94	0.6799	0.1816	20	0.09	0%	0
004.06	Fiber, Crude, Fibertec (%)	0674	16.05	0.0000	15.94	0.6799	0.1816	20	0.16	0%	0
004.06	Fiber, Crude, Fibertec (%)	0027	16.20	0.6960	15.94	0.6799	0.1816	20	0.38	1%	0
004.06	Fiber, Crude, Fibertec (%)	0689	16.25	0.1000	15.94	0.6799	0.1816	20	0.45	1%	0
004.06	Fiber, Crude, Fibertec (%)	2349	16.30	0.2000	15.94	0.6799	0.1816	20	0.53	1%	0
004.06	Fiber, Crude, Fibertec (%)	2022	16.37	0.0300	15.94	0.6799	0.1816	20	0.62	1%	0
004.06	Fiber, Crude, Fibertec (%)	0610	16.70	0.0000	15.94	0.6799	0.1816	20	1.12	2%	0
004.06	Fiber, Crude, Fibertec (%)	2006	16.71	0.2000	15.94	0.6799	0.1816	20	1.13	2%	0
004.06	Fiber, Crude, Fibertec (%)	0038	16.85	0.3000	15.94	0.6799	0.1816	20	1.34	3%	0
004.06	Fiber, Crude, Fibertec (%)	0685	18.86	0.2600	15.94	0.6799	0.1816	20	4.29	9%	0
004.07	Fiber, Crude, ANKOM (%)	0536	3.495	0.0900	16.60	1.314	0.3183	74	-9.97	39%	0
004.07	Fiber, Crude, ANKOM (%)	0656	4.210	0.0000	16.60	1.314	0.3183	74	-9.43	37%	0
004.07	Fiber, Crude, ANKOM (%)	0619	14.75	0.7000	16.60	1.314	0.3183	74	-1.41	6%	0
004.07	Fiber, Crude, ANKOM (%)	0968	15.04	0.0000	16.60	1.314	0.3183	74	-1.19	5%	0
004.07	Fiber, Crude, ANKOM (%)	0644	15.06	0.0840	16.60	1.314	0.3183	74	-1.17	5%	0
004.07	Fiber, Crude, ANKOM (%)	0026	15.10	0.2000	16.60	1.314	0.3183	74	-1.14	5%	0
004.07	Fiber, Crude, ANKOM (%)	2482	15.12	0.0200	16.60	1.314	0.3183	74	-1.12	4%	0
004.07	Fiber, Crude, ANKOM (%)	0366	15.15	0.3000	16.60	1.314	0.3183	74	-1.10	4%	0
004.07	Fiber, Crude, ANKOM (%)	0028	15.20	0.0000	16.60	1.314	0.3183	74	-1.06	4%	0
004.07	Fiber, Crude, ANKOM (%)	0956	15.20	0.2000	16.60	1.314	0.3183	74	-1.06	4%	0
004.07	Fiber, Crude, ANKOM (%)	0098	15.24	0.6300	16.60	1.314	0.3183	74	-1.04	4%	0
004.07	Fiber, Crude, ANKOM (%)	0675	15.28	0.0600	16.60	1.314	0.3183	74	-1.00	4%	0
004.07	Fiber, Crude, ANKOM (%)	0100	15.29	0.5600	16.60	1.314	0.3183	74	-0.99	4%	0
004.07	Fiber, Crude, ANKOM (%)	0413	15.30	0.6000	16.60	1.314	0.3183	74	-0.99	4%	0
004.07	Fiber, Crude, ANKOM (%)	0885	15.36	0.0413	16.60	1.314	0.3183	74	-0.94	4%	0
004.07	Fiber, Crude, ANKOM (%)	0682	15.40	0.0000	16.60	1.314	0.3183	74	-0.91	4%	0
004.07	Fiber, Crude, ANKOM (%)	2115	15.41	0.0000	16.60	1.314	0.3183	74	-0.90	4%	0
004.07	Fiber, Crude, ANKOM (%)	2392	15.45	0.2000	16.60	1.314	0.3183	74	-0.87	3%	0
004.07	Fiber, Crude, ANKOM (%)	0726	15.46	0.0600	16.60	1.314	0.3183	74	-0.87	3%	0
004.07	Fiber, Crude, ANKOM (%)	0011	15.52	0.1400	16.60	1.314	0.3183	74	-0.82	3%	0
004.07	Fiber, Crude, ANKOM (%)	0510	15.60	0.6000	16.60	1.314	0.3183	74	-0.76	3%	0
004.07	Fiber, Crude, ANKOM (%)	2433	15.60	0.4000	16.60	1.314	0.3183	74	-0.76	3%	0
004.07	Fiber, Crude, ANKOM (%)	0643	15.66	0.0700	16.60	1.314	0.3183	74	-0.72	3%	0
004.07	Fiber, Crude, ANKOM (%)	0848	15.89	0.2700	16.60	1.314	0.3183	74	-0.54	2%	0
004.07	Fiber, Crude, ANKOM (%)	0948	15.90	0.2000	16.60	1.314	0.3183	74	-0.53	2%	0
004.07	Fiber, Crude, ANKOM (%)	2434	15.90	0.0000	16.60	1.314	0.3183	74	-0.53	2%	0
004.07	Fiber, Crude, ANKOM (%)	0354	16.01	0.0800	16.60	1.314	0.3183	74	-0.45	2%	0
004.07	Fiber, Crude, ANKOM (%)	0870	16.16	0.4529	16.60	1.314	0.3183	74	-0.33	1%	0
004.07	Fiber, Crude, ANKOM (%)	2193	16.17	0.2400	16.60	1.314	0.3183	74	-0.33	1%	0
004.07	Fiber, Crude, ANKOM (%)	0589	16.20	1.000	16.60	1.314	0.3183	74	-0.30	1%	0
004.07	Fiber, Crude, ANKOM (%)	2146	16.22	0.0700	16.60	1.314	0.3183	74	-0.29	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0300	16.28	0.0200	16.60	1.314	0.3183	74	-0.24	1%	0
004.07	Fiber, Crude, ANKOM (%)	0019	16.57	0.1050	16.60	1.314	0.3183	74	-0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0504	16.58	0.2200	16.60	1.314	0.3183	74	-0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	0083	16.60	0.8700	16.60	1.314	0.3183	74	0.00	0%	0
004.07	Fiber, Crude, ANKOM (%)	0520	16.61	0.2600	16.60	1.314	0.3183	74	0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	2190	16.65	0.1500	16.60	1.314	0.3183	74	0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0407	16.66	0.4427	16.60	1.314	0.3183	74	0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	2144	16.66	0.0400	16.60	1.314	0.3183	74	0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	2322	16.71	0.0100	16.60	1.314	0.3183	74	0.09	0%	0
004.07	Fiber, Crude, ANKOM (%)	2337	16.72	0.1400	16.60	1.314	0.3183	74	0.09	0%	0
004.07	Fiber, Crude, ANKOM (%)	0512	16.82	1.150	16.60	1.314	0.3183	74	0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	0009	16.83	0.2100	16.60	1.314	0.3183	74	0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	0066	16.88	0.2100	16.60	1.314	0.3183	74	0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	2259	16.90	0.1620	16.60	1.314	0.3183	74	0.23	1%	0
004.07	Fiber, Crude, ANKOM (%)	0876	16.95	0.3000	16.60	1.314	0.3183	74	0.27	1%	0
004.07	Fiber, Crude, ANKOM (%)	0511	17.05	0.1000	16.60	1.314	0.3183	74	0.34	1%	0
004.07	Fiber, Crude, ANKOM (%)	0183	17.08	0.0500	16.60	1.314	0.3183	74	0.37	1%	0
004.07	Fiber, Crude, ANKOM (%)	2196	17.14	0.0000	16.60	1.314	0.3183	74	0.41	2%	0
004.07	Fiber, Crude, ANKOM (%)	2188	17.18	0.0000	16.60	1.314	0.3183	74	0.44	2%	0
004.07	Fiber, Crude, ANKOM (%)	2009	17.20	0.0872	16.60	1.314	0.3183	74	0.46	2%	0
004.07	Fiber, Crude, ANKOM (%)	0939	17.21	1.070	16.60	1.314	0.3183	74	0.46	2%	0
004.07	Fiber, Crude, ANKOM (%)	0263	17.21	0.2040	16.60	1.314	0.3183	74	0.46	2%	0
004.07	Fiber, Crude, ANKOM (%)	0226	17.27	0.3300	16.60	1.314	0.3183	74	0.51	2%	0
004.07	Fiber, Crude, ANKOM (%)	0004	17.29	1.170	16.60	1.314	0.3183	74	0.52	2%	0
004.07	Fiber, Crude, ANKOM (%)	0074	17.35	0.5500	16.60	1.314	0.3183	74	0.57	2%	0
004.07	Fiber, Crude, ANKOM (%)	0190	17.50	0.8000	16.60	1.314	0.3183	74	0.69	3%	0
004.07	Fiber, Crude, ANKOM (%)	0032	17.62	0.2300	16.60	1.314	0.3183	74	0.77	3%	0
004.07	Fiber, Crude, ANKOM (%)	0034	17.65	0.3100	16.60	1.314	0.3183	74	0.80	3%	0
004.07	Fiber, Crude, ANKOM (%)	2195	17.70	0.9600	16.60	1.314	0.3183	74	0.84	3%	0
004.07	Fiber, Crude, ANKOM (%)	2109	17.80	0.2700	16.60	1.314	0.3183	74	0.91	4%	0
004.07	Fiber, Crude, ANKOM (%)	0693	17.94	0.4690	16.60	1.314	0.3183	74	1.02	4%	0
004.07	Fiber, Crude, ANKOM (%)	0598	17.97	0.2900	16.60	1.314	0.3183	74	1.04	4%	0
004.07	Fiber, Crude, ANKOM (%)	2397	18.01	0.2100	16.60	1.314	0.3183	74	1.07	4%	0
004.07	Fiber, Crude, ANKOM (%)	0505	18.26	0.0100	16.60	1.314	0.3183	74	1.26	5%	0
004.07	Fiber, Crude, ANKOM (%)	0563	18.29	0.1452	16.60	1.314	0.3183	74	1.29	5%	0
004.07	Fiber, Crude, ANKOM (%)	0294	18.30	1.000	16.60	1.314	0.3183	74	1.30	5%	0
004.07	Fiber, Crude, ANKOM (%)	0089	18.62	0.0800	16.60	1.314	0.3183	74	1.54	6%	0
004.07	Fiber, Crude, ANKOM (%)	0229	18.73	1.270	16.60	1.314	0.3183	74	1.62	6%	0
004.07	Fiber, Crude, ANKOM (%)	2476	18.90	0.4230	16.60	1.314	0.3183	74	1.75	7%	0
004.07	Fiber, Crude, ANKOM (%)	0581	19.24	0.6000	16.60	1.314	0.3183	74	2.01	8%	0
004.07	Fiber, Crude, ANKOM (%)	0529	19.55	0.6800	16.60	1.314	0.3183	74	2.25	9%	0
004.07	Fiber, Crude, ANKOM (%)	0622	22.52	0.1634	16.60	1.314	0.3183	74	4.51	18%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0045	22.70	0.6000	16.60	1.314	0.3183	74	4.64	18%	0
004.07	Fiber, Crude, ANKOM (%)	0692	17.51	2.780	16.60	1.314	0.3183	74	0.69	3%	1
004.07	Fiber, Crude, ANKOM (%)	0278	22.72	2.370	16.60	1.314	0.3183	74	4.65	18%	1
004.11	Fiber, Crude, NIR (%)	2387	7.030	0.1000	12.68	3.529	0.1626	9	-1.60	22%	0
004.11	Fiber, Crude, NIR (%)	0885	9.470	0.2200	12.68	3.529	0.1626	9	-0.91	13%	0
004.11	Fiber, Crude, NIR (%)	2386	9.595	0.1900	12.68	3.529	0.1626	9	-0.87	12%	0
004.11	Fiber, Crude, NIR (%)	2174	13.25	0.0600	12.68	3.529	0.1626	9	0.16	2%	0
004.11	Fiber, Crude, NIR (%)	2303	13.48	0.3500	12.68	3.529	0.1626	9	0.23	3%	0
004.11	Fiber, Crude, NIR (%)	2168	13.87	0.1400	12.68	3.529	0.1626	9	0.34	5%	0
004.11	Fiber, Crude, NIR (%)	0852	15.56	0.0100	12.68	3.529	0.1626	9	0.81	11%	0
004.11	Fiber, Crude, NIR (%)	2302	15.58	0.0000	12.68	3.529	0.1626	9	0.82	11%	0
004.11	Fiber, Crude, NIR (%)	0889	15.93	0.2350	12.68	3.529	0.1626	9	0.92	13%	0
004.11	Fiber, Crude, NIR (%)	2105	15.70	1.960	12.68	3.529	0.1626	9	0.86	12%	1
004.99	Fiber, Crude, Miscellaneous (%)	0629	16.45	1.100				3			0
004.99	Fiber, Crude, Miscellaneous (%)	2144	16.65	0.0600				3			0
004.99	Fiber, Crude, Miscellaneous (%)	2129	19.82	1.750				3			0
005.00	Ash, 2h @ 600°C (%)	0345	9.310	0.2200	14.69	0.4221	0.1911	92	-12.76	18%	0
005.00	Ash, 2h @ 600°C (%)	1019	12.62	0.8500	14.69	0.4221	0.1911	92	-4.93	7%	0
005.00	Ash, 2h @ 600°C (%)	0169	13.35	0.0400	14.69	0.4221	0.1911	92	-3.19	5%	0
005.00	Ash, 2h @ 600°C (%)	0186	13.69	0.6250	14.69	0.4221	0.1911	92	-2.38	3%	0
005.00	Ash, 2h @ 600°C (%)	0574	13.91	0.0400	14.69	0.4221	0.1911	92	-1.86	3%	0
005.00	Ash, 2h @ 600°C (%)	0539	13.95	0.0700	14.69	0.4221	0.1911	92	-1.78	3%	0
005.00	Ash, 2h @ 600°C (%)	0278	14.00	0.0000	14.69	0.4221	0.1911	92	-1.65	2%	0
005.00	Ash, 2h @ 600°C (%)	0049	14.04	0.2000	14.69	0.4221	0.1911	92	-1.55	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	14.05	0.1000	14.69	0.4221	0.1911	92	-1.53	2%	0
005.00	Ash, 2h @ 600°C (%)	2349	14.10	0.0000	14.69	0.4221	0.1911	92	-1.41	2%	0
005.00	Ash, 2h @ 600°C (%)	0038	14.15	0.1000	14.69	0.4221	0.1911	92	-1.29	2%	0
005.00	Ash, 2h @ 600°C (%)	2268	14.17	0.3900	14.69	0.4221	0.1911	92	-1.25	2%	0
005.00	Ash, 2h @ 600°C (%)	0026	14.18	0.0600	14.69	0.4221	0.1911	92	-1.22	2%	0
005.00	Ash, 2h @ 600°C (%)	0598	14.19	0.0900	14.69	0.4221	0.1911	92	-1.21	2%	0
005.00	Ash, 2h @ 600°C (%)	2022	14.22	0.0100	14.69	0.4221	0.1911	92	-1.14	2%	0
005.00	Ash, 2h @ 600°C (%)	0505	14.24	0.0300	14.69	0.4221	0.1911	92	-1.09	2%	0
005.00	Ash, 2h @ 600°C (%)	0027	14.24	0.1060	14.69	0.4221	0.1911	92	-1.07	2%	0
005.00	Ash, 2h @ 600°C (%)	2443	14.29	0.0800	14.69	0.4221	0.1911	92	-0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0183	14.30	0.1180	14.69	0.4221	0.1911	92	-0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	14.35	0.7000	14.69	0.4221	0.1911	92	-0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	2397	14.40	0.2500	14.69	0.4221	0.1911	92	-0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	2302	14.44	0.5300	14.69	0.4221	0.1911	92	-0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	14.46	0.1600	14.69	0.4221	0.1911	92	-0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	2453	14.47	0.4700	14.69	0.4221	0.1911	92	-0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	14.48	0.0000	14.69	0.4221	0.1911	92	-0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	14.48	0.0070	14.69	0.4221	0.1911	92	-0.51	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	2195	14.51	0.1900	14.69	0.4221	0.1911	92	-0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	14.52	0.2900	14.69	0.4221	0.1911	92	-0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	2193	14.52	0.1700	14.69	0.4221	0.1911	92	-0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	14.52	0.0200	14.69	0.4221	0.1911	92	-0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	14.53	0.3376	14.69	0.4221	0.1911	92	-0.39	1%	0
005.00	Ash, 2h @ 600°C (%)	2434	14.56	0.0000	14.69	0.4221	0.1911	92	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	2325	14.60	0.0100	14.69	0.4221	0.1911	92	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0089	14.61	0.0100	14.69	0.4221	0.1911	92	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	2115	14.61	0.3000	14.69	0.4221	0.1911	92	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	14.62	0.1596	14.69	0.4221	0.1911	92	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	2181	14.63	0.3000	14.69	0.4221	0.1911	92	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	14.64	0.0900	14.69	0.4221	0.1911	92	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	14.64	0.0100	14.69	0.4221	0.1911	92	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0520	14.65	0.2100	14.69	0.4221	0.1911	92	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	2433	14.65	0.0475	14.69	0.4221	0.1911	92	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0853	14.65	0.1000	14.69	0.4221	0.1911	92	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	2392	14.65	0.1000	14.69	0.4221	0.1911	92	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0512	14.68	0.7500	14.69	0.4221	0.1911	92	-0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0033	14.70	0.0000	14.69	0.4221	0.1911	92	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0011	14.71	0.4500	14.69	0.4221	0.1911	92	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0656	14.73	0.0000	14.69	0.4221	0.1911	92	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	14.74	0.3900	14.69	0.4221	0.1911	92	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	14.75	0.2600	14.69	0.4221	0.1911	92	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0948	14.75	0.1000	14.69	0.4221	0.1911	92	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0722	14.75	0.3227	14.69	0.4221	0.1911	92	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0953	14.76	0.3700	14.69	0.4221	0.1911	92	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	14.76	0.0000	14.69	0.4221	0.1911	92	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	2076	14.76	0.0890	14.69	0.4221	0.1911	92	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	14.77	0.1900	14.69	0.4221	0.1911	92	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	14.77	0.0000	14.69	0.4221	0.1911	92	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	2200	14.80	0.4000	14.69	0.4221	0.1911	92	0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	2476	14.81	0.1620	14.69	0.4221	0.1911	92	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	2337	14.84	0.0200	14.69	0.4221	0.1911	92	0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	2199	14.85	0.1000	14.69	0.4221	0.1911	92	0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0226	14.87	0.2000	14.69	0.4221	0.1911	92	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	14.91	0.0800	14.69	0.4221	0.1911	92	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	14.91	0.0200	14.69	0.4221	0.1911	92	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	2457	14.92	0.2700	14.69	0.4221	0.1911	92	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0047	14.93	0.3400	14.69	0.4221	0.1911	92	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	14.96	0.0500	14.69	0.4221	0.1911	92	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	2188	15.01	0.0100	14.69	0.4221	0.1911	92	0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	15.01	0.1000	14.69	0.4221	0.1911	92	0.75	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0968	15.02	0.0400	14.69	0.4221	0.1911	92	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	15.04	0.2200	14.69	0.4221	0.1911	92	0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	15.05	0.3100	14.69	0.4221	0.1911	92	0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	15.06	0.0054	14.69	0.4221	0.1911	92	0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	2326	15.06	0.0600	14.69	0.4221	0.1911	92	0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	15.06	0.5200	14.69	0.4221	0.1911	92	0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	15.08	0.0600	14.69	0.4221	0.1911	92	0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0876	15.10	0.0000	14.69	0.4221	0.1911	92	0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	15.10	0.6000	14.69	0.4221	0.1911	92	0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	15.13	0.1390	14.69	0.4221	0.1911	92	1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	15.15	0.3000	14.69	0.4221	0.1911	92	1.08	2%	0
005.00	Ash, 2h @ 600°C (%)	0693	15.18	0.0450	14.69	0.4221	0.1911	92	1.14	2%	0
005.00	Ash, 2h @ 600°C (%)	0529	15.18	0.1000	14.69	0.4221	0.1911	92	1.15	2%	0
005.00	Ash, 2h @ 600°C (%)	0685	15.18	0.0400	14.69	0.4221	0.1911	92	1.15	2%	0
005.00	Ash, 2h @ 600°C (%)	0563	15.19	0.1027	14.69	0.4221	0.1911	92	1.17	2%	0
005.00	Ash, 2h @ 600°C (%)	0682	15.19	0.0000	14.69	0.4221	0.1911	92	1.17	2%	0
005.00	Ash, 2h @ 600°C (%)	2089	15.19	0.0400	14.69	0.4221	0.1911	92	1.17	2%	0
005.00	Ash, 2h @ 600°C (%)	0098	15.20	0.6700	14.69	0.4221	0.1911	92	1.19	2%	0
005.00	Ash, 2h @ 600°C (%)	0674	15.20	0.0000	14.69	0.4221	0.1911	92	1.20	2%	0
005.00	Ash, 2h @ 600°C (%)	0300	15.21	0.5300	14.69	0.4221	0.1911	92	1.21	2%	0
005.00	Ash, 2h @ 600°C (%)	0848	15.22	0.0000	14.69	0.4221	0.1911	92	1.24	2%	0
005.00	Ash, 2h @ 600°C (%)	2006	15.32	0.3300	14.69	0.4221	0.1911	92	1.47	2%	0
005.00	Ash, 2h @ 600°C (%)	0017	15.40	0.2000	14.69	0.4221	0.1911	92	1.67	2%	0
005.00	Ash, 2h @ 600°C (%)	0852	15.45	0.4400	14.69	0.4221	0.1911	92	1.79	3%	0
005.00	Ash, 2h @ 600°C (%)	0297	16.01	1.240	14.69	0.4221	0.1911	92	3.12	4%	1
005.00	Ash, 2h @ 600°C (%)	2259	5.459	0.0090	14.69	0.4221	0.1911	92	-21.88	31%	2
005.02	Ash, LECO (%)	0644	14.91	0.0390				1			0
005.03	Ash, Microwave furnace (%)	0511	14.05	0.1000				1			0
005.05	Ash, 3h @ 550°C (%)	0692	14.07	0.4400	15.30	0.4354	0.2023	29	-2.82	4%	0
005.05	Ash, 3h @ 550°C (%)	0003	14.09	0.0300	15.30	0.4354	0.2023	29	-2.79	4%	0
005.05	Ash, 3h @ 550°C (%)	0726	14.51	0.1400	15.30	0.4354	0.2023	29	-1.81	3%	0
005.05	Ash, 3h @ 550°C (%)	0263	14.75	0.0190	15.30	0.4354	0.2023	29	-1.25	2%	0
005.05	Ash, 3h @ 550°C (%)	0889	14.76	0.0500	15.30	0.4354	0.2023	29	-1.25	2%	0
005.05	Ash, 3h @ 550°C (%)	0294	14.86	0.2900	15.30	0.4354	0.2023	29	-1.02	1%	0
005.05	Ash, 3h @ 550°C (%)	0066	14.90	0.2300	15.30	0.4354	0.2023	29	-0.93	1%	0
005.05	Ash, 3h @ 550°C (%)	0643	14.90	0.0730	15.30	0.4354	0.2023	29	-0.91	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	15.15	0.1400	15.30	0.4354	0.2023	29	-0.34	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	15.25	0.7000	15.30	0.4354	0.2023	29	-0.11	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	15.29	0.3100	15.30	0.4354	0.2023	29	-0.03	0%	0
005.05	Ash, 3h @ 550°C (%)	2264	15.30	0.0449	15.30	0.4354	0.2023	29	0.00	0%	0
005.05	Ash, 3h @ 550°C (%)	2146	15.31	0.0100	15.30	0.4354	0.2023	29	0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	15.35	0.5000	15.30	0.4354	0.2023	29	0.12	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
005.05	Ash, 3h @ 550°C (%)	2190	15.36	0.2600	15.30	0.4354	0.2023	29	0.14	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	15.44	0.2649	15.30	0.4354	0.2023	29	0.32	0%	0
005.05	Ash, 3h @ 550°C (%)	0852	15.45	0.4400	15.30	0.4354	0.2023	29	0.35	0%	0
005.05	Ash, 3h @ 550°C (%)	0034	15.47	0.3100	15.30	0.4354	0.2023	29	0.38	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	15.50	0.0000	15.30	0.4354	0.2023	29	0.46	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	15.50	0.2000	15.30	0.4354	0.2023	29	0.46	1%	0
005.05	Ash, 3h @ 550°C (%)	2246	15.55	0.0900	15.30	0.4354	0.2023	29	0.57	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	15.56	0.0200	15.30	0.4354	0.2023	29	0.60	1%	0
005.05	Ash, 3h @ 550°C (%)	0939	15.61	0.3700	15.30	0.4354	0.2023	29	0.71	1%	0
005.05	Ash, 3h @ 550°C (%)	2482	15.62	0.1400	15.30	0.4354	0.2023	29	0.74	1%	0
005.05	Ash, 3h @ 550°C (%)	2144	15.64	0.3300	15.30	0.4354	0.2023	29	0.77	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	15.66	0.0300	15.30	0.4354	0.2023	29	0.82	1%	0
005.05	Ash, 3h @ 550°C (%)	2009	15.67	0.0524	15.30	0.4354	0.2023	29	0.86	1%	0
005.05	Ash, 3h @ 550°C (%)	0941	15.98	0.1500	15.30	0.4354	0.2023	29	1.55	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	16.25	0.3100	15.30	0.4354	0.2023	29	2.17	3%	0
005.11	Ash, NIR (%)	2174	4.840	0.2200	7.976	2.524	0.1595	9	-1.24	20%	0
005.11	Ash, NIR (%)	2303	5.120	0.1000	7.976	2.524	0.1595	9	-1.13	18%	0
005.11	Ash, NIR (%)	2168	6.555	0.1300	7.976	2.524	0.1595	9	-0.56	9%	0
005.11	Ash, NIR (%)	2105	7.650	0.3200	7.976	2.524	0.1595	9	-0.13	2%	0
005.11	Ash, NIR (%)	0852	8.155	0.0900	7.976	2.524	0.1595	9	0.07	1%	0
005.11	Ash, NIR (%)	0885	8.730	0.0600	7.976	2.524	0.1595	9	0.30	5%	0
005.11	Ash, NIR (%)	2386	9.480	0.1200	7.976	2.524	0.1595	9	0.60	9%	0
005.11	Ash, NIR (%)	0889	9.495	0.2500	7.976	2.524	0.1595	9	0.60	10%	0
005.11	Ash, NIR (%)	2387	12.91	0.1700	7.976	2.524	0.1595	9	1.95	31%	0
005.11	Ash, NIR (%)	2388	12.93	1.240	7.976	2.524	0.1595	9	1.96	31%	1
005.99	Ash, Miscellaneous (%)	0019	13.88	0.0500	15.13	0.6677	0.1499	8	-1.88	4%	0
005.99	Ash, Miscellaneous (%)	0536	14.29	0.2300	15.13	0.6677	0.1499	8	-1.26	3%	0
005.99	Ash, Miscellaneous (%)	0884	15.25	0.1000	15.13	0.6677	0.1499	8	0.18	0%	0
005.99	Ash, Miscellaneous (%)	2319	15.25	0.1000	15.13	0.6677	0.1499	8	0.18	0%	0
005.99	Ash, Miscellaneous (%)	0644	15.42	0.2590	15.13	0.6677	0.1499	8	0.44	1%	0
005.99	Ash, Miscellaneous (%)	0629	15.45	0.1600	15.13	0.6677	0.1499	8	0.48	1%	0
005.99	Ash, Miscellaneous (%)	0202	15.60	0.2000	15.13	0.6677	0.1499	8	0.70	2%	0
005.99	Ash, Miscellaneous (%)	0652	15.65	0.1000	15.13	0.6677	0.1499	8	0.78	2%	0
006.00	Total Sugars, As sucrose (%)	0407	4.241	0.0020				1			0
006.03	Total Sugars, Invert w/o Invsrn (%)	0941	4.170	0.5400				1			0
006.99	Total Sugars, Miscellaneous (%)	0226	3.330	0.1800				2			0
006.99	Total Sugars, Miscellaneous (%)	0956	4.650	0.3000				2			0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	6.560	0.1200	23.94	1.711	0.2007	12	-10.16	36%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	20.75	0.1500	23.94	1.711	0.2007	12	-1.87	7%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	22.25	0.3000	23.94	1.711	0.2007	12	-0.99	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2089	23.79	0.0000	23.94	1.711	0.2007	12	-0.09	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	24.19	0.2800	23.94	1.711	0.2007	12	0.14	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
008.02	Fiber, Acid Detergent, Crucible (%)	0098	24.35	0.2700	23.94	1.711	0.2007	12	0.24	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	24.37	0.0100	23.94	1.711	0.2007	12	0.25	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	24.39	0.0000	23.94	1.711	0.2007	12	0.26	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	24.81	0.5200	23.94	1.711	0.2007	12	0.51	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	24.85	0.3000	23.94	1.711	0.2007	12	0.53	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0171	25.72	0.0100	23.94	1.711	0.2007	12	1.04	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	25.86	0.1300	23.94	1.711	0.2007	12	1.12	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	31.29	11.18	23.94	1.711	0.2007	12	4.30	15%	1
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2482	18.14	0.2200	23.10	2.507	0.3049	43	-1.98	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	18.49	0.0900	23.10	2.507	0.3049	43	-1.84	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	18.54	0.1200	23.10	2.507	0.3049	43	-1.82	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	18.66	0.2500	23.10	2.507	0.3049	43	-1.77	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	19.14	0.3800	23.10	2.507	0.3049	43	-1.58	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	19.39	0.7200	23.10	2.507	0.3049	43	-1.48	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	19.46	0.0800	23.10	2.507	0.3049	43	-1.45	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	20.45	0.7000	23.10	2.507	0.3049	43	-1.06	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2322	20.70	0.0040	23.10	2.507	0.3049	43	-0.96	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	21.75	0.1000	23.10	2.507	0.3049	43	-0.54	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2433	22.04	0.0101	23.10	2.507	0.3049	43	-0.43	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	22.13	0.5000	23.10	2.507	0.3049	43	-0.39	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0366	22.15	1.100	23.10	2.507	0.3049	43	-0.38	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	22.46	1.480	23.10	2.507	0.3049	43	-0.26	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	22.60	0.4000	23.10	2.507	0.3049	43	-0.20	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	22.78	0.2400	23.10	2.507	0.3049	43	-0.13	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	22.79	0.0064	23.10	2.507	0.3049	43	-0.13	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	22.85	0.2971	23.10	2.507	0.3049	43	-0.10	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2146	22.87	0.6100	23.10	2.507	0.3049	43	-0.09	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0413	23.05	0.1000	23.10	2.507	0.3049	43	-0.02	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	23.15	0.0500	23.10	2.507	0.3049	43	0.02	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0656	23.29	0.0000	23.10	2.507	0.3049	43	0.07	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	23.30	0.0000	23.10	2.507	0.3049	43	0.08	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	23.40	0.1200	23.10	2.507	0.3049	43	0.12	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	23.50	0.7000	23.10	2.507	0.3049	43	0.16	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	23.52	1.000	23.10	2.507	0.3049	43	0.17	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	23.78	0.1600	23.10	2.507	0.3049	43	0.27	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0885	24.09	0.2813	23.10	2.507	0.3049	43	0.39	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	24.16	0.5000	23.10	2.507	0.3049	43	0.42	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0026	24.29	0.2300	23.10	2.507	0.3049	43	0.47	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	25.05	0.1000	23.10	2.507	0.3049	43	0.78	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0504	25.11	0.1400	23.10	2.507	0.3049	43	0.80	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	25.15	0.1000	23.10	2.507	0.3049	43	0.82	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	25.30	0.0200	23.10	2.507	0.3049	43	0.88	5%	0

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008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	25.30	0.2000	23.10	2.507	0.3049	43	0.88	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	25.34	0.1730	23.10	2.507	0.3049	43	0.89	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	25.43	0.6700	23.10	2.507	0.3049	43	0.93	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	25.57	0.6700	23.10	2.507	0.3049	43	0.98	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	25.64	0.4300	23.10	2.507	0.3049	43	1.01	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	25.64	0.4300	23.10	2.507	0.3049	43	1.01	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	25.80	0.0750	23.10	2.507	0.3049	43	1.08	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	26.58	0.2100	23.10	2.507	0.3049	43	1.39	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2326	27.65	0.2500	23.10	2.507	0.3049	43	1.81	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	25.23	1.709	23.10	2.507	0.3049	43	0.85	5%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0027	20.23	0.4520	20.77	0.5776	0.3205	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	20.45	0.1000	20.77	0.5776	0.3205	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0629	20.85	0.5000	20.77	0.5776	0.3205	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	21.55	0.2300	20.77	0.5776	0.3205	4			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0345	17.00	0.4000	36.09	1.343	0.6223	12	-14.22	26%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0948	34.09	1.000	36.09	1.343	0.6223	12	-1.49	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0098	35.35	1.700	36.09	1.343	0.6223	12	-0.55	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2089	35.59	0.2600	36.09	1.343	0.6223	12	-0.37	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2192	36.00	0.4000	36.09	1.343	0.6223	12	-0.07	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0353	36.09	1.160	36.09	1.343	0.6223	12	0.00	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0689	36.40	0.2000	36.09	1.343	0.6223	12	0.23	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0964	36.69	0.3900	36.09	1.343	0.6223	12	0.44	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0610	36.75	0.7000	36.09	1.343	0.6223	12	0.49	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0226	36.97	0.8300	36.09	1.343	0.6223	12	0.65	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2246	37.02	0.2100	36.09	1.343	0.6223	12	0.69	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0674	39.06	0.0000	36.09	1.343	0.6223	12	2.21	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0413	32.20	0.4000	34.54	1.623	0.4810	40	-1.44	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	32.54	0.7400	34.54	1.623	0.4810	40	-1.23	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	32.69	0.1000	34.54	1.623	0.4810	40	-1.14	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2322	32.75	0.0130	34.54	1.623	0.4810	40	-1.10	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	32.85	0.3000	34.54	1.623	0.4810	40	-1.04	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	32.88	0.3900	34.54	1.623	0.4810	40	-1.02	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2433	33.12	0.5316	34.54	1.623	0.4810	40	-0.87	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	33.13	0.4900	34.54	1.623	0.4810	40	-0.87	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2146	33.14	0.1700	34.54	1.623	0.4810	40	-0.86	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0656	33.30	0.0000	34.54	1.623	0.4810	40	-0.76	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	33.54	1.571	34.54	1.623	0.4810	40	-0.61	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	33.60	0.7200	34.54	1.623	0.4810	40	-0.58	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2482	33.62	0.1100	34.54	1.623	0.4810	40	-0.57	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0504	33.64	1.220	34.54	1.623	0.4810	40	-0.55	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	33.78	0.3800	34.54	1.623	0.4810	40	-0.47	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	33.85	0.8100	34.54	1.623	0.4810	40	-0.43	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0263	34.04	0.1400	34.54	1.623	0.4810	40	-0.31	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0190	34.05	0.3800	34.54	1.623	0.4810	40	-0.30	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0726	34.05	0.3800	34.54	1.623	0.4810	40	-0.30	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0278	34.10	0.3300	34.54	1.623	0.4810	40	-0.27	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0889	34.32	0.1400	34.54	1.623	0.4810	40	-0.13	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0885	34.33	0.1381	34.54	1.623	0.4810	40	-0.13	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2196	34.54	0.0000	34.54	1.623	0.4810	40	0.00	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0357	34.60	0.5900	34.54	1.623	0.4810	40	0.04	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0968	34.72	0.1600	34.54	1.623	0.4810	40	0.11	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0581	34.77	0.2000	34.54	1.623	0.4810	40	0.14	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0848	35.39	0.0100	34.54	1.623	0.4810	40	0.52	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0083	35.46	0.2900	34.54	1.623	0.4810	40	0.57	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0366	35.70	0.0000	34.54	1.623	0.4810	40	0.72	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0148	35.75	0.5300	34.54	1.623	0.4810	40	0.74	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0407	35.78	0.2648	34.54	1.623	0.4810	40	0.76	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2190	35.80	1.690	34.54	1.623	0.4810	40	0.78	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0066	36.21	0.4100	34.54	1.623	0.4810	40	1.03	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2129	36.25	0.3500	34.54	1.623	0.4810	40	1.05	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0956	36.45	1.100	34.54	1.623	0.4810	40	1.18	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0693	36.67	0.7850	34.54	1.623	0.4810	40	1.32	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2326	37.42	1.070	34.54	1.623	0.4810	40	1.77	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0045	37.70	1.600	34.54	1.623	0.4810	40	1.95	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0297	38.30	1.000	34.54	1.623	0.4810	40	2.32	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0536	38.48	0.0600	34.54	1.623	0.4810	40	2.43	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0619	37.00	3.400	34.54	1.623	0.4810	40	1.52	4%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0629	33.95	0.5000				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	37.17	0.3200				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	37.28	0.1200				3			0
010.03	Moisture, Karl-Fischer (%)	0843	5.650	0.2200				1			0
010.11	Moisture, NIR (%)	2303	5.595	0.1100	7.702	1.774	0.1412	10	-1.19	14%	0
010.11	Moisture, NIR (%)	2168	5.680	0.0400	7.702	1.774	0.1412	10	-1.14	13%	0
010.11	Moisture, NIR (%)	2174	5.760	0.4400	7.702	1.774	0.1412	10	-1.09	13%	0
010.11	Moisture, NIR (%)	2105	7.210	0.0400	7.702	1.774	0.1412	10	-0.28	3%	0
010.11	Moisture, NIR (%)	0885	7.920	0.0800	7.702	1.774	0.1412	10	0.12	1%	0
010.11	Moisture, NIR (%)	0889	7.960	0.0600	7.702	1.774	0.1412	10	0.15	2%	0
010.11	Moisture, NIR (%)	2387	9.025	0.1300	7.702	1.774	0.1412	10	0.75	9%	0
010.11	Moisture, NIR (%)	2388	9.130	0.1600	7.702	1.774	0.1412	10	0.80	9%	0
010.11	Moisture, NIR (%)	2386	9.265	0.1700	7.702	1.774	0.1412	10	0.88	10%	0
010.11	Moisture, NIR (%)	0852	9.475	0.3100	7.702	1.774	0.1412	10	1.00	12%	0
010.99	Moisture, Miscellaneous (%)	0019	6.915	0.1500	7.495	0.4217	0.0931	20	-1.37	4%	0
010.99	Moisture, Miscellaneous (%)	2129	7.010	0.0600	7.495	0.4217	0.0931	20	-1.15	3%	0
010.99	Moisture, Miscellaneous (%)	0651	7.032	0.1723	7.495	0.4217	0.0931	20	-1.10	3%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
010.99	Moisture, Miscellaneous (%)	0948	7.180	0.0000	7.495	0.4217	0.0931	20	-0.75	2%	0
010.99	Moisture, Miscellaneous (%)	2089	7.200	0.0800	7.495	0.4217	0.0931	20	-0.70	2%	0
010.99	Moisture, Miscellaneous (%)	2115	7.245	0.0100	7.495	0.4217	0.0931	20	-0.59	2%	0
010.99	Moisture, Miscellaneous (%)	0622	7.267	0.0220	7.495	0.4217	0.0931	20	-0.54	2%	0
010.99	Moisture, Miscellaneous (%)	0726	7.350	0.0000	7.495	0.4217	0.0931	20	-0.34	1%	0
010.99	Moisture, Miscellaneous (%)	0939	7.360	0.0600	7.495	0.4217	0.0931	20	-0.32	1%	0
010.99	Moisture, Miscellaneous (%)	0722	7.376	0.0039	7.495	0.4217	0.0931	20	-0.28	1%	0
010.99	Moisture, Miscellaneous (%)	0692	7.540	0.0200	7.495	0.4217	0.0931	20	0.11	0%	0
010.99	Moisture, Miscellaneous (%)	2150	7.545	0.1300	7.495	0.4217	0.0931	20	0.12	0%	0
010.99	Moisture, Miscellaneous (%)	0034	7.570	0.0200	7.495	0.4217	0.0931	20	0.18	1%	0
010.99	Moisture, Miscellaneous (%)	0652	7.600	0.0000	7.495	0.4217	0.0931	20	0.25	1%	0
010.99	Moisture, Miscellaneous (%)	0884	7.650	0.1000	7.495	0.4217	0.0931	20	0.37	1%	0
010.99	Moisture, Miscellaneous (%)	2076	7.775	0.1700	7.495	0.4217	0.0931	20	0.66	2%	0
010.99	Moisture, Miscellaneous (%)	0190	7.900	0.0000	7.495	0.4217	0.0931	20	0.96	3%	0
010.99	Moisture, Miscellaneous (%)	0011	8.435	0.0500	7.495	0.4217	0.0931	20	2.23	6%	0
010.99	Moisture, Miscellaneous (%)	2476	8.546	0.2440	7.495	0.4217	0.0931	20	2.49	7%	0
010.99	Moisture, Miscellaneous (%)	0852	9.475	0.3100	7.495	0.4217	0.0931	20	4.70	13%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0026	6.680	0.0200	8.198	0.3784	0.0882	61	-4.01	9%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2457	6.755	0.0100	8.198	0.3784	0.0882	61	-3.81	9%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0859	6.963	0.0750	8.198	0.3784	0.0882	61	-3.27	8%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2200	7.250	0.1000	8.198	0.3784	0.0882	61	-2.51	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2434	7.450	0.0000	8.198	0.3784	0.0882	61	-1.98	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2443	7.478	0.1560	8.198	0.3784	0.0882	61	-1.90	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	7.495	0.0700	8.198	0.3784	0.0882	61	-1.86	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2199	7.700	0.4000	8.198	0.3784	0.0882	61	-1.32	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	7.710	0.1200	8.198	0.3784	0.0882	61	-1.29	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	1019	7.745	0.0700	8.198	0.3784	0.0882	61	-1.20	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0563	7.844	0.1471	8.198	0.3784	0.0882	61	-0.94	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	7.930	0.0800	8.198	0.3784	0.0882	61	-0.71	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	7.932	0.0240	8.198	0.3784	0.0882	61	-0.70	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	7.945	0.0500	8.198	0.3784	0.0882	61	-0.67	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0685	7.950	0.0200	8.198	0.3784	0.0882	61	-0.66	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0852	7.950	0.4000	8.198	0.3784	0.0882	61	-0.66	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	7.965	0.2100	8.198	0.3784	0.0882	61	-0.62	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2326	7.980	0.1600	8.198	0.3784	0.0882	61	-0.58	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2325	8.005	0.0100	8.198	0.3784	0.0882	61	-0.51	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	8.025	0.0300	8.198	0.3784	0.0882	61	-0.46	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	8.080	0.0000	8.198	0.3784	0.0882	61	-0.31	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	8.085	0.0300	8.198	0.3784	0.0882	61	-0.30	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0651	8.130	0.1155	8.198	0.3784	0.0882	61	-0.18	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	8.150	0.1000	8.198	0.3784	0.0882	61	-0.13	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	8.165	0.2100	8.198	0.3784	0.0882	61	-0.09	0%	0

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011.01	Loss on Drying, HT, 135°C 2hr (%)	0722	8.168	0.0448	8.198	0.3784	0.0882	61	-0.08	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2337	8.170	0.0600	8.198	0.3784	0.0882	61	-0.08	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0520	8.175	0.0900	8.198	0.3784	0.0882	61	-0.06	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	8.200	0.0000	8.198	0.3784	0.0882	61	0.00	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	8.205	0.0100	8.198	0.3784	0.0882	61	0.02	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	8.260	0.0400	8.198	0.3784	0.0882	61	0.16	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	8.270	0.1400	8.198	0.3784	0.0882	61	0.19	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	8.270	0.0200	8.198	0.3784	0.0882	61	0.19	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2268	8.270	0.2200	8.198	0.3784	0.0882	61	0.19	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2453	8.270	0.2000	8.198	0.3784	0.0882	61	0.19	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	8.295	0.0300	8.198	0.3784	0.0882	61	0.26	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	8.295	0.0700	8.198	0.3784	0.0882	61	0.26	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0622	8.330	0.0727	8.198	0.3784	0.0882	61	0.35	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	8.340	0.0200	8.198	0.3784	0.0882	61	0.37	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	8.340	0.0800	8.198	0.3784	0.0882	61	0.37	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	8.350	0.0800	8.198	0.3784	0.0882	61	0.40	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	8.355	0.0490	8.198	0.3784	0.0882	61	0.41	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	8.380	0.0200	8.198	0.3784	0.0882	61	0.48	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2433	8.410	0.1478	8.198	0.3784	0.0882	61	0.56	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0300	8.410	0.1800	8.198	0.3784	0.0882	61	0.56	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2302	8.425	0.0100	8.198	0.3784	0.0882	61	0.60	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	8.440	0.1000	8.198	0.3784	0.0882	61	0.64	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	8.441	0.0734	8.198	0.3784	0.0882	61	0.64	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	8.500	0.0000	8.198	0.3784	0.0882	61	0.80	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2246	8.525	0.0700	8.198	0.3784	0.0882	61	0.86	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2006	8.565	0.3100	8.198	0.3784	0.0882	61	0.97	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	8.580	0.0400	8.198	0.3784	0.0882	61	1.01	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	8.590	0.0200	8.198	0.3784	0.0882	61	1.03	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	8.627	0.0008	8.198	0.3784	0.0882	61	1.13	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0358	8.650	0.3000	8.198	0.3784	0.0882	61	1.19	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0848	8.665	0.0500	8.198	0.3784	0.0882	61	1.23	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2022	8.665	0.0100	8.198	0.3784	0.0882	61	1.23	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	8.715	0.0100	8.198	0.3784	0.0882	61	1.36	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	8.715	0.0900	8.198	0.3784	0.0882	61	1.36	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	8.780	0.1800	8.198	0.3784	0.0882	61	1.54	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2397	10.51	0.5000	8.198	0.3784	0.0882	61	6.11	14%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	8.180	0.8400	8.198	0.3784	0.0882	61	-0.05	0%	1
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	8.280	1.020	8.198	0.3784	0.0882	61	0.22	0%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	8.140	0.2000				3			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	8.330	0.2800				3			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0852	9.355	0.0300				3			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2388	7.290	0.1600	7.944	0.5998	0.1783	7	-1.09	4%	0

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011.99	Loss on Drying, HT, High Temp. Methods Misc	2386	7.455	0.2900	7.944	0.5998	0.1783	7	-0.82	3%	0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2174	7.715	0.2500	7.944	0.5998	0.1783	7	-0.38	1%	0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2387	7.900	0.0400	7.944	0.5998	0.1783	7	-0.07	0%	0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2168	8.122	0.9040	7.944	0.5998	0.1783	7	0.30	1%	0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2303	8.284	0.0200	7.944	0.5998	0.1783	7	0.57	2%	0
011.99	Loss on Drying, HT, High Temp. Methods Misc	0852	9.355	0.0300	7.944	0.5998	0.1783	7	2.35	9%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	11.60	0.4000	12.92	0.5279	0.1983	13	-2.50	5%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	12.23	0.0900	12.92	0.5279	0.1983	13	-1.31	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	2195	12.38	0.0900	12.92	0.5279	0.1983	13	-1.03	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0848	12.61	0.0000	12.92	0.5279	0.1983	13	-0.59	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	12.82	0.0000	12.92	0.5279	0.1983	13	-0.19	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	12.93	0.2100	12.92	0.5279	0.1983	13	0.01	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	13.05	0.1000	12.92	0.5279	0.1983	13	0.25	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	13.05	0.3000	12.92	0.5279	0.1983	13	0.25	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	13.09	0.5500	12.92	0.5279	0.1983	13	0.31	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	13.33	0.0600	12.92	0.5279	0.1983	13	0.78	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	13.38	0.1200	12.92	0.5279	0.1983	13	0.87	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	13.43	0.3300	12.92	0.5279	0.1983	13	0.96	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	13.54	0.0321	12.92	0.5279	0.1983	13	1.18	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	2326	10.94	1.360	12.55	1.433	0.5585	9	-1.12	6%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0171	11.60	0.0000	12.55	1.433	0.5585	9	-0.66	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0956	11.75	0.5000	12.55	1.433	0.5585	9	-0.56	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0870	11.81	0.2901	12.55	1.433	0.5585	9	-0.51	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0366	12.25	1.300	12.55	1.433	0.5585	9	-0.21	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0148	12.50	0.2900	12.55	1.433	0.5585	9	-0.04	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0407	13.04	0.5234	12.55	1.433	0.5585	9	0.35	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0885	14.33	0.1144	12.55	1.433	0.5585	9	1.24	7%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	2089	14.77	0.0900	12.55	1.433	0.5585	9	1.55	9%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0941	10.35	0.5000	13.01	2.911	0.3653	4			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0297	11.94	0.0400	13.01	2.911	0.3653	4			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0656	12.62	0.0000	13.01	2.911	0.3653	4			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0407	17.14	0.5560	13.01	2.911	0.3653	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0278	11.25	1.170	12.74	1.277	0.5112	9	-1.17	6%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0045	11.80	0.0000	12.74	1.277	0.5112	9	-0.74	4%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0510	11.80	0.0000	12.74	1.277	0.5112	9	-0.74	4%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	2129	12.13	0.1400	12.74	1.277	0.5112	9	-0.48	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0226	12.44	0.3100	12.74	1.277	0.5112	9	-0.24	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0098	13.10	0.2000	12.74	1.277	0.5112	9	0.28	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0693	13.57	1.197	12.74	1.277	0.5112	9	0.65	3%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0948	14.26	0.0500	12.74	1.277	0.5112	9	1.19	6%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0674	14.34	0.0000	12.74	1.277	0.5112	9	1.25	6%	0
012.11	Starch, NIR (%)	0852	13.07	0.1100				2			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
012.11	Starch, NIR (%)	0889	13.14	0.3400				2			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	11.86	0.0900				1			0
012.99	Starch, Miscellaneous (%)	0066	12.40	0.3700				2			0
012.99	Starch, Miscellaneous (%)	2319	12.45	0.5000				2			0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0941	4.295	0.1700	5.024	0.5828	0.1127	13	-1.25	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0689	4.300	0.0000	5.024	0.5828	0.1127	13	-1.24	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0083	4.410	0.0600	5.024	0.5828	0.1127	13	-1.05	6%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2319	4.700	0.0000	5.024	0.5828	0.1127	13	-0.56	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0948	4.800	0.0600	5.024	0.5828	0.1127	13	-0.38	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0652	5.000	0.0000	5.024	0.5828	0.1127	13	-0.04	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0884	5.000	0.2000	5.024	0.5828	0.1127	13	-0.04	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2076	5.002	0.0020	5.024	0.5828	0.1127	13	-0.04	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0229	5.250	0.2000	5.024	0.5828	0.1127	13	0.39	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0675	5.550	0.0200	5.024	0.5828	0.1127	13	0.90	5%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0202	5.655	0.3700	5.024	0.5828	0.1127	13	1.08	6%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0541	5.660	0.1000	5.024	0.5828	0.1127	13	1.09	6%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2150	5.695	0.0500	5.024	0.5828	0.1127	13	1.15	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0297	4.555	1.030	5.024	0.5828	0.1127	13	-0.81	5%	1
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0563	4.361	0.0251	5.318	0.4825	0.0987	15	-1.98	9%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0038	4.540	0.0400	5.318	0.4825	0.0987	15	-1.61	7%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0098	4.865	0.1500	5.318	0.4825	0.0987	15	-0.94	4%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0693	5.093	0.4470	5.318	0.4825	0.0987	15	-0.47	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0853	5.150	0.1000	5.318	0.4825	0.0987	15	-0.35	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0100	5.215	0.3100	5.318	0.4825	0.0987	15	-0.21	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	2264	5.292	0.0570	5.318	0.4825	0.0987	15	-0.05	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0148	5.310	0.2000	5.318	0.4825	0.0987	15	-0.02	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0870	5.436	0.1040	5.318	0.4825	0.0987	15	0.25	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	2259	5.459	0.0090	5.318	0.4825	0.0987	15	0.29	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0045	5.490	0.0200	5.318	0.4825	0.0987	15	0.36	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0682	5.550	0.0000	5.318	0.4825	0.0987	15	0.48	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0643	5.757	0.0580	5.318	0.4825	0.0987	15	0.91	4%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0010	5.950	0.1000	5.318	0.4825	0.0987	15	1.31	6%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0407	6.012	0.0670	5.318	0.4825	0.0987	15	1.44	7%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2268	3.985	0.1100	4.581	0.5692	0.1289	7	-1.05	7%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0939	4.160	0.0600	4.581	0.5692	0.1289	7	-0.74	5%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0036	4.223	0.1930	4.581	0.5692	0.1289	7	-0.63	4%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0610	4.620	0.0800	4.581	0.5692	0.1289	7	0.07	0%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2196	4.780	0.0000	4.581	0.5692	0.1289	7	0.35	2%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2349	4.865	0.0300	4.581	0.5692	0.1289	7	0.50	3%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0353	5.845	0.3300	4.581	0.5692	0.1289	7	2.22	14%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2129	3.530	0.2600	4.625	0.9358	0.1616	8	-1.17	12%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2433	3.884	0.0202	4.625	0.9358	0.1616	8	-0.79	8%	0

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013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0581	3.930	0.0600	4.625	0.9358	0.1616	8	-0.74	8%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0354	4.580	0.0400	4.625	0.9358	0.1616	8	-0.05	0%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0968	4.650	0.1800	4.625	0.9358	0.1616	8	0.03	0%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0074	5.050	0.0400	4.625	0.9358	0.1616	8	0.45	5%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0843	5.475	0.5700	4.625	0.9358	0.1616	8	0.91	9%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0407	5.902	0.2859	4.625	0.9358	0.1616	8	1.36	14%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	82.60	10.22				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	97.29	4.819				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	99.49	10.61				3			0
015.42	Aluminum, ICP, Open vessel (ppm)	0692	50.50	11.00				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	72.23	0.6500				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	19.50	1.000	111.5	16.61	4.175	8	-5.54	41%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	106.0	2.000	111.5	16.61	4.175	8	-0.33	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	107.4	1.880	111.5	16.61	4.175	8	-0.25	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0297	108.0	6.000	111.5	16.61	4.175	8	-0.21	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0032	110.3	8.400	111.5	16.61	4.175	8	-0.07	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	111.0	1.163	111.5	16.61	4.175	8	-0.03	0%	0
015.43	Aluminum, ICP, Microwave (ppm)	0226	126.1	9.860	111.5	16.61	4.175	8	0.88	7%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	143.5	3.100	111.5	16.61	4.175	8	1.93	14%	0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	116.1	2.065				1			0
017.41	Boron, ICP, Dry ash (ppm)	0358	4.565	0.1500	5.405	0.5597	0.1899	5			0
017.41	Boron, ICP, Dry ash (ppm)	0407	5.230	0.2395	5.405	0.5597	0.1899	5			0
017.41	Boron, ICP, Dry ash (ppm)	0049	5.535	0.1500	5.405	0.5597	0.1899	5			0
017.41	Boron, ICP, Dry ash (ppm)	0226	5.615	0.1900	5.405	0.5597	0.1899	5			0
017.41	Boron, ICP, Dry ash (ppm)	0229	6.080	0.2200	5.405	0.5597	0.1899	5			0
017.42	Boron, ICP, Open vessel (ppm)	0693	5.041	0.3280				3			0
017.42	Boron, ICP, Open vessel (ppm)	0045	5.610	1.040				3			0
017.42	Boron, ICP, Open vessel (ppm)	2129	5.875	0.6700				3			0
017.42	Boron, ICP, Open vessel (ppm)	0294	10.54	0.8100				3			2
017.43	Boron, ICP, Microwave (ppm)	0353	3.265	0.1900	5.173	1.524	0.1039	6	-1.25	18%	0
017.43	Boron, ICP, Microwave (ppm)	0226	4.865	0.1500	5.173	1.524	0.1039	6	-0.20	3%	0
017.43	Boron, ICP, Microwave (ppm)	0083	4.995	0.0300	5.173	1.524	0.1039	6	-0.12	2%	0
017.43	Boron, ICP, Microwave (ppm)	0510	5.000	0.0000	5.173	1.524	0.1039	6	-0.11	2%	0
017.43	Boron, ICP, Microwave (ppm)	0407	5.475	0.1296	5.173	1.524	0.1039	6	0.20	3%	0
017.43	Boron, ICP, Microwave (ppm)	0345	7.440	0.0200	5.173	1.524	0.1039	6	1.49	22%	0
017.43	Boron, ICP, Microwave (ppm)	0032	5.740	1.180	5.173	1.524	0.1039	6	0.37	5%	1
017.43	Boron, ICP, Microwave (ppm)	0297	0.0000	0.0000	5.173	1.524	0.1039	6			4
017.53	Boron, ICP-MS, Microwave (ppm)	0407	4.934	1.085				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	2.445	0.1100	2.503	0.0467	0.0472	7	-1.24	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	2.485	0.0300	2.503	0.0467	0.0472	7	-0.38	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2146	2.485	0.0300	2.503	0.0467	0.0472	7	-0.38	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	2.494	0.0840	2.503	0.0467	0.0472	7	-0.19	0%	0

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019.00	Calcium, Ox-Mn04 Vol. (%)	2022	2.500	0.0200	2.503	0.0467	0.0472	7	-0.06	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2190	2.538	0.0005	2.503	0.0467	0.0472	7	0.75	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	2.585	0.0560	2.503	0.0467	0.0472	7	1.76	2%	0
019.08	Calcium, EDTA (%)	0629	2.265	0.0700	2.568	0.1379	0.0699	15	-2.20	6%	0
019.08	Calcium, EDTA (%)	2195	2.410	0.1000	2.568	0.1379	0.0699	15	-1.14	3%	0
019.08	Calcium, EDTA (%)	2009	2.428	0.0207	2.568	0.1379	0.0699	15	-1.02	3%	0
019.08	Calcium, EDTA (%)	2193	2.500	0.0400	2.568	0.1379	0.0699	15	-0.49	1%	0
019.08	Calcium, EDTA (%)	2200	2.500	0.2000	2.568	0.1379	0.0699	15	-0.49	1%	0
019.08	Calcium, EDTA (%)	2337	2.530	0.0200	2.568	0.1379	0.0699	15	-0.27	1%	0
019.08	Calcium, EDTA (%)	2392	2.550	0.1200	2.568	0.1379	0.0699	15	-0.13	0%	0
019.08	Calcium, EDTA (%)	2196	2.560	0.0000	2.568	0.1379	0.0699	15	-0.06	0%	0
019.08	Calcium, EDTA (%)	0885	2.568	0.0325	2.568	0.1379	0.0699	15	0.00	0%	0
019.08	Calcium, EDTA (%)	0590	2.580	0.0000	2.568	0.1379	0.0699	15	0.09	0%	0
019.08	Calcium, EDTA (%)	2199	2.625	0.0500	2.568	0.1379	0.0699	15	0.42	1%	0
019.08	Calcium, EDTA (%)	2188	2.675	0.0500	2.568	0.1379	0.0699	15	0.78	2%	0
019.08	Calcium, EDTA (%)	0689	2.720	0.0200	2.568	0.1379	0.0699	15	1.10	3%	0
019.08	Calcium, EDTA (%)	2397	2.735	0.2700	2.568	0.1379	0.0699	15	1.21	3%	0
019.08	Calcium, EDTA (%)	2434	2.820	0.0000	2.568	0.1379	0.0699	15	1.83	5%	0
019.09	Calcium, Ion-selective electrode (%)	2006	2.146	0.0040				1			0
019.31	Calcium, AAS, Dry ash (%)	0018	2.200	0.0200	2.503	0.0719	0.0630	16	-4.22	6%	0
019.31	Calcium, AAS, Dry ash (%)	2453	2.220	0.1200	2.503	0.0719	0.0630	16	-3.94	6%	0
019.31	Calcium, AAS, Dry ash (%)	0038	2.400	0.0400	2.503	0.0719	0.0630	16	-1.44	2%	0
019.31	Calcium, AAS, Dry ash (%)	0948	2.460	0.0200	2.503	0.0719	0.0630	16	-0.60	1%	0
019.31	Calcium, AAS, Dry ash (%)	0651	2.473	0.0710	2.503	0.0719	0.0630	16	-0.43	1%	0
019.31	Calcium, AAS, Dry ash (%)	0014	2.485	0.0500	2.503	0.0719	0.0630	16	-0.25	0%	0
019.31	Calcium, AAS, Dry ash (%)	0529	2.515	0.0900	2.503	0.0719	0.0630	16	0.16	0%	0
019.31	Calcium, AAS, Dry ash (%)	0622	2.515	0.0938	2.503	0.0719	0.0630	16	0.17	0%	0
019.31	Calcium, AAS, Dry ash (%)	2146	2.525	0.1100	2.503	0.0719	0.0630	16	0.30	0%	0
019.31	Calcium, AAS, Dry ash (%)	0884	2.530	0.1200	2.503	0.0719	0.0630	16	0.37	1%	0
019.31	Calcium, AAS, Dry ash (%)	0563	2.533	0.0002	2.503	0.0719	0.0630	16	0.42	1%	0
019.31	Calcium, AAS, Dry ash (%)	0108	2.535	0.0500	2.503	0.0719	0.0630	16	0.44	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	2.560	0.0800	2.503	0.0719	0.0630	16	0.79	1%	0
019.31	Calcium, AAS, Dry ash (%)	2246	2.560	0.0400	2.503	0.0719	0.0630	16	0.79	1%	0
019.31	Calcium, AAS, Dry ash (%)	0656	2.580	0.0000	2.503	0.0719	0.0630	16	1.07	2%	0
019.31	Calcium, AAS, Dry ash (%)	0939	2.590	0.0400	2.503	0.0719	0.0630	16	1.21	2%	0
019.32	Calcium, AAS, Open vessel (%)	0169	2.605	0.0100				1			0
019.33	Calcium, AAS, Microwave (%)	2115	2.525	0.0300				1			0
019.41	Calcium, ICP, Dry ash (%)	0358	2.295	0.1100	2.467	0.1046	0.0858	20	-1.65	3%	0
019.41	Calcium, ICP, Dry ash (%)	0049	2.355	0.0100	2.467	0.1046	0.0858	20	-1.07	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	2.360	0.0200	2.467	0.1046	0.0858	20	-1.02	2%	0
019.41	Calcium, ICP, Dry ash (%)	0019	2.380	0.1500	2.467	0.1046	0.0858	20	-0.83	2%	0
019.41	Calcium, ICP, Dry ash (%)	0066	2.384	0.1260	2.467	0.1046	0.0858	20	-0.80	2%	0

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019.41	Calcium, ICP, Dry ash (%)	2259	2.401	0.3310	2.467	0.1046	0.0858	20	-0.64	1%	0
019.41	Calcium, ICP, Dry ash (%)	2482	2.419	0.0370	2.467	0.1046	0.0858	20	-0.47	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	2.420	0.0200	2.467	0.1046	0.0858	20	-0.45	1%	0
019.41	Calcium, ICP, Dry ash (%)	0520	2.427	0.1272	2.467	0.1046	0.0858	20	-0.38	1%	0
019.41	Calcium, ICP, Dry ash (%)	0144	2.455	0.1300	2.467	0.1046	0.0858	20	-0.12	0%	0
019.41	Calcium, ICP, Dry ash (%)	0407	2.474	0.0124	2.467	0.1046	0.0858	20	0.06	0%	0
019.41	Calcium, ICP, Dry ash (%)	0229	2.475	0.1900	2.467	0.1046	0.0858	20	0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0171	2.490	0.1200	2.467	0.1046	0.0858	20	0.22	0%	0
019.41	Calcium, ICP, Dry ash (%)	0674	2.510	0.0000	2.467	0.1046	0.0858	20	0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	0004	2.535	0.0300	2.467	0.1046	0.0858	20	0.65	1%	0
019.41	Calcium, ICP, Dry ash (%)	0619	2.540	0.1000	2.467	0.1046	0.0858	20	0.70	1%	0
019.41	Calcium, ICP, Dry ash (%)	0685	2.570	0.0600	2.467	0.1046	0.0858	20	0.98	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	2.592	0.0266	2.467	0.1046	0.0858	20	1.19	3%	0
019.41	Calcium, ICP, Dry ash (%)	0413	2.630	0.1400	2.467	0.1046	0.0858	20	1.56	3%	0
019.41	Calcium, ICP, Dry ash (%)	0148	2.635	0.0300	2.467	0.1046	0.0858	20	1.60	3%	0
019.42	Calcium, ICP, Open vessel (%)	0202	2.180	0.1000	2.552	0.2065	0.0852	20	-1.80	7%	0
019.42	Calcium, ICP, Open vessel (%)	0045	2.235	0.0100	2.552	0.2065	0.0852	20	-1.53	6%	0
019.42	Calcium, ICP, Open vessel (%)	0504	2.290	0.0600	2.552	0.2065	0.0852	20	-1.27	5%	0
019.42	Calcium, ICP, Open vessel (%)	0009	2.358	0.1827	2.552	0.2065	0.0852	20	-0.94	4%	0
019.42	Calcium, ICP, Open vessel (%)	2129	2.365	0.0100	2.552	0.2065	0.0852	20	-0.90	4%	0
019.42	Calcium, ICP, Open vessel (%)	0693	2.442	0.1320	2.552	0.2065	0.0852	20	-0.53	2%	0
019.42	Calcium, ICP, Open vessel (%)	0263	2.502	0.0210	2.552	0.2065	0.0852	20	-0.24	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	2.543	0.0380	2.552	0.2065	0.0852	20	-0.04	0%	0
019.42	Calcium, ICP, Open vessel (%)	2433	2.555	0.0780	2.552	0.2065	0.0852	20	0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	0042	2.580	0.1000	2.552	0.2065	0.0852	20	0.14	1%	0
019.42	Calcium, ICP, Open vessel (%)	0692	2.585	0.1100	2.552	0.2065	0.0852	20	0.16	1%	0
019.42	Calcium, ICP, Open vessel (%)	0366	2.600	0.1200	2.552	0.2065	0.0852	20	0.23	1%	0
019.42	Calcium, ICP, Open vessel (%)	0186	2.608	0.0634	2.552	0.2065	0.0852	20	0.27	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	2.615	0.0300	2.552	0.2065	0.0852	20	0.31	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	2.645	0.2500	2.552	0.2065	0.0852	20	0.45	2%	0
019.42	Calcium, ICP, Open vessel (%)	2319	2.675	0.0700	2.552	0.2065	0.0852	20	0.60	2%	0
019.42	Calcium, ICP, Open vessel (%)	0357	2.731	0.0403	2.552	0.2065	0.0852	20	0.87	4%	0
019.42	Calcium, ICP, Open vessel (%)	0160	2.785	0.2100	2.552	0.2065	0.0852	20	1.13	5%	0
019.42	Calcium, ICP, Open vessel (%)	0190	2.820	0.0000	2.552	0.2065	0.0852	20	1.30	5%	0
019.42	Calcium, ICP, Open vessel (%)	0726	2.850	0.0000	2.552	0.2065	0.0852	20	1.44	6%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.772	0.0100	2.562	0.1402	0.0610	34	-5.64	15%	0
019.43	Calcium, ICP, Microwave (%)	0511	2.290	0.0400	2.562	0.1402	0.0610	34	-1.94	5%	0
019.43	Calcium, ICP, Microwave (%)	0226	2.400	0.0200	2.562	0.1402	0.0610	34	-1.16	3%	0
019.43	Calcium, ICP, Microwave (%)	0629	2.410	0.1200	2.562	0.1402	0.0610	34	-1.09	3%	0
019.43	Calcium, ICP, Microwave (%)	0675	2.415	0.0100	2.562	0.1402	0.0610	34	-1.05	3%	0
019.43	Calcium, ICP, Microwave (%)	0033	2.425	0.1300	2.562	0.1402	0.0610	34	-0.98	3%	0
019.43	Calcium, ICP, Microwave (%)	0001	2.435	0.1700	2.562	0.1402	0.0610	34	-0.91	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	0083	2.450	0.0000	2.562	0.1402	0.0610	34	-0.80	2%	0
019.43	Calcium, ICP, Microwave (%)	2476	2.459	0.1710	2.562	0.1402	0.0610	34	-0.74	2%	0
019.43	Calcium, ICP, Microwave (%)	0036	2.465	0.0664	2.562	0.1402	0.0610	34	-0.70	2%	0
019.43	Calcium, ICP, Microwave (%)	2089	2.470	0.0000	2.562	0.1402	0.0610	34	-0.66	2%	0
019.43	Calcium, ICP, Microwave (%)	0354	2.497	0.0050	2.562	0.1402	0.0610	34	-0.47	1%	0
019.43	Calcium, ICP, Microwave (%)	0011	2.505	0.0100	2.562	0.1402	0.0610	34	-0.41	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	2.520	0.0000	2.562	0.1402	0.0610	34	-0.30	1%	0
019.43	Calcium, ICP, Microwave (%)	0035	2.535	0.0300	2.562	0.1402	0.0610	34	-0.19	1%	0
019.43	Calcium, ICP, Microwave (%)	0297	2.555	0.0100	2.562	0.1402	0.0610	34	-0.05	0%	0
019.43	Calcium, ICP, Microwave (%)	0968	2.556	0.0280	2.562	0.1402	0.0610	34	-0.04	0%	0
019.43	Calcium, ICP, Microwave (%)	0353	2.565	0.0900	2.562	0.1402	0.0610	34	0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0010	2.575	0.0500	2.562	0.1402	0.0610	34	0.09	0%	0
019.43	Calcium, ICP, Microwave (%)	0027	2.580	0.0450	2.562	0.1402	0.0610	34	0.12	0%	0
019.43	Calcium, ICP, Microwave (%)	0875	2.601	0.0470	2.562	0.1402	0.0610	34	0.27	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	2.615	0.0900	2.562	0.1402	0.0610	34	0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	0038	2.640	0.0800	2.562	0.1402	0.0610	34	0.56	2%	0
019.43	Calcium, ICP, Microwave (%)	0512	2.642	0.1030	2.562	0.1402	0.0610	34	0.57	2%	0
019.43	Calcium, ICP, Microwave (%)	0407	2.643	0.0552	2.562	0.1402	0.0610	34	0.58	2%	0
019.43	Calcium, ICP, Microwave (%)	0089	2.650	0.0000	2.562	0.1402	0.0610	34	0.63	2%	0
019.43	Calcium, ICP, Microwave (%)	0032	2.651	0.0010	2.562	0.1402	0.0610	34	0.63	2%	0
019.43	Calcium, ICP, Microwave (%)	0017	2.681	0.0822	2.562	0.1402	0.0610	34	0.85	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	2.710	0.0000	2.562	0.1402	0.0610	34	1.05	3%	0
019.43	Calcium, ICP, Microwave (%)	0505	2.721	0.0050	2.562	0.1402	0.0610	34	1.13	3%	0
019.43	Calcium, ICP, Microwave (%)	0610	2.740	0.1200	2.562	0.1402	0.0610	34	1.27	3%	0
019.43	Calcium, ICP, Microwave (%)	0043	2.757	0.0520	2.562	0.1402	0.0610	34	1.39	4%	0
019.43	Calcium, ICP, Microwave (%)	2326	2.775	0.0500	2.562	0.1402	0.0610	34	1.52	4%	0
019.43	Calcium, ICP, Microwave (%)	0870	2.828	0.2230	2.562	0.1402	0.0610	34	1.89	5%	0
019.44	Calcium, ICP, Dry ash (%)	2114	2.458	0.0481				1			0
019.51	Calcium, ICP-MS, Dry ash (%)	2146	2.560	0.2000				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	2.669	0.0809				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	2.814	0.1335				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	2.590	0.1200				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	2.667	0.0808				2			0
019.99	Calcium, Miscellaneous (%)	0100	2.410	0.0400	2.521	0.1355	0.0780	5			0
019.99	Calcium, Miscellaneous (%)	0590	2.435	0.1700	2.521	0.1355	0.0780	5			0
019.99	Calcium, Miscellaneous (%)	2144	2.485	0.0300	2.521	0.1355	0.0780	5			0
019.99	Calcium, Miscellaneous (%)	2302	2.525	0.0500	2.521	0.1355	0.0780	5			0
019.99	Calcium, Miscellaneous (%)	2105	2.750	0.1000	2.521	0.1355	0.0780	5			0
021.00	Cobalt, Color (ppm)	0226	6.815	0.4700				1			0
021.31	Cobalt, AAS, Dry ash (ppm)	0563	6.041	1.182				2			0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	8.025	0.0500				2			0
021.41	Cobalt, ICP, Dry ash (ppm)	0066	5.655	0.2280	7.138	1.039	0.2609	5			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
021.41	Cobalt, ICP, Dry ash (ppm)	0407	6.898	0.3067	7.138	1.039	0.2609	5		0	
021.41	Cobalt, ICP, Dry ash (ppm)	0171	7.195	0.0500	7.138	1.039	0.2609	5		0	
021.41	Cobalt, ICP, Dry ash (ppm)	0619	7.390	0.4000	7.138	1.039	0.2609	5		0	
021.41	Cobalt, ICP, Dry ash (ppm)	0148	8.550	0.3200	7.138	1.039	0.2609	5		0	
021.42	Cobalt, ICP, Open vessel (ppm)	0042	4.760	0.0200	5.602	0.7056	0.5160	5		0	
021.42	Cobalt, ICP, Open vessel (ppm)	0685	4.960	0.1800	5.602	0.7056	0.5160	5		0	
021.42	Cobalt, ICP, Open vessel (ppm)	0366	5.800	0.6000	5.602	0.7056	0.5160	5		0	
021.42	Cobalt, ICP, Open vessel (ppm)	0160	6.200	1.000	5.602	0.7056	0.5160	5		0	
021.42	Cobalt, ICP, Open vessel (ppm)	0045	6.290	0.7800	5.602	0.7056	0.5160	5		0	
021.43	Cobalt, ICP, Microwave (ppm)	0345	1.750	0.2000	7.528	1.285	0.2552	12	-4.50	38%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	6.575	0.1300	7.528	1.285	0.2552	12	-0.74	6%	0
021.43	Cobalt, ICP, Microwave (ppm)	0968	6.777	0.0690	7.528	1.285	0.2552	12	-0.59	5%	0
021.43	Cobalt, ICP, Microwave (ppm)	0629	6.905	0.0100	7.528	1.285	0.2552	12	-0.49	4%	0
021.43	Cobalt, ICP, Microwave (ppm)	0875	6.969	0.3390	7.528	1.285	0.2552	12	-0.44	4%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	7.078	0.3294	7.528	1.285	0.2552	12	-0.35	3%	0
021.43	Cobalt, ICP, Microwave (ppm)	0510	7.310	0.1000	7.528	1.285	0.2552	12	-0.17	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0297	8.000	0.0000	7.528	1.285	0.2552	12	0.37	3%	0
021.43	Cobalt, ICP, Microwave (ppm)	0027	8.164	0.6320	7.528	1.285	0.2552	12	0.49	4%	0
021.43	Cobalt, ICP, Microwave (ppm)	0032	8.186	0.6830	7.528	1.285	0.2552	12	0.51	4%	0
021.43	Cobalt, ICP, Microwave (ppm)	0038	9.320	0.1000	7.528	1.285	0.2552	12	1.39	12%	0
021.43	Cobalt, ICP, Microwave (ppm)	0682	10.40	0.0000	7.528	1.285	0.2552	12	2.24	19%	0
021.43	Cobalt, ICP, Microwave (ppm)	2476	14.68	1.800	7.528	1.285	0.2552	12	5.57	48%	1
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	5.303	0.5299				1			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0033	7.660	0.1400				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0610	7.740	0.4400				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	7.982	0.0066				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	7.820	2.340				3			1
022.31	Copper, AAS, Dry ash (ppm)	2246	45.76	0.2500	56.73	9.235	2.403	7	-1.19	10%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	48.50	3.400	56.73	9.235	2.403	7	-0.89	7%	0
022.31	Copper, AAS, Dry ash (ppm)	0651	54.37	0.9261	56.73	9.235	2.403	7	-0.26	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0563	55.26	3.913	56.73	9.235	2.403	7	-0.16	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0622	60.35	1.571	56.73	9.235	2.403	7	0.39	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0884	66.00	2.000	56.73	9.235	2.403	7	1.00	8%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	66.88	4.760	56.73	9.235	2.403	7	1.10	9%	0
022.31	Copper, AAS, Dry ash (ppm)	0656	< 0.1514		56.73	9.235	2.403	7			5
022.32	Copper, AAS, Open vessel (ppm)	0038	61.05	6.700				1			0
022.33	Copper, AAS, Microwave (ppm)	0948	33.99	4.860				2			0
022.33	Copper, AAS, Microwave (ppm)	2115	84.64	2.450				2			0
022.35	Copper, AAS, Dry ash (ppm)	2188	36.45	1.180				1			0
022.41	Copper, ICP, Dry ash (ppm)	0148	28.64	0.7015	43.18	11.63	3.045	14	-1.25	17%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	29.63	0.4800	43.18	11.63	3.045	14	-1.17	16%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	31.01	0.4387	43.18	11.63	3.045	14	-1.05	14%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
022.41	Copper, ICP, Dry ash (ppm)	0358	31.99	2.460	43.18	11.63	3.045	14	-0.96	13%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	38.21	1.580	43.18	11.63	3.045	14	-0.43	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	40.26	1.480	43.18	11.63	3.045	14	-0.25	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	43.65	6.080	43.18	11.63	3.045	14	0.04	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	45.32	5.890	43.18	11.63	3.045	14	0.18	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0674	45.70	0.0000	43.18	11.63	3.045	14	0.22	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	49.44	3.210	43.18	11.63	3.045	14	0.54	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	53.30	5.800	43.18	11.63	3.045	14	0.87	12%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	53.35	3.028	43.18	11.63	3.045	14	0.87	12%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	53.41	6.757	43.18	11.63	3.045	14	0.88	12%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	74.22	1.680	43.18	11.63	3.045	14	2.67	36%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	32.44	15.12	43.18	11.63	3.045	14	-0.92	12%	1
022.42	Copper, ICP, Open vessel (ppm)	0726	68.76	0.2100	82.00	6.547	8.081	22	-2.02	8%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	73.79	1.866	82.00	6.547	8.081	22	-1.25	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0202	75.50	2.200	82.00	6.547	8.081	22	-0.99	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	78.00	22.00	82.00	6.547	8.081	22	-0.61	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	78.10	3.600	82.00	6.547	8.081	22	-0.60	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	78.18	0.5690	82.00	6.547	8.081	22	-0.58	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	78.69	13.00	82.00	6.547	8.081	22	-0.51	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	79.00	2.000	82.00	6.547	8.081	22	-0.46	2%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	79.44	0.3800	82.00	6.547	8.081	22	-0.39	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	79.55	3.100	82.00	6.547	8.081	22	-0.37	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	80.36	0.0800	82.00	6.547	8.081	22	-0.25	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	80.45	1.800	82.00	6.547	8.081	22	-0.24	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	81.40	35.83	82.00	6.547	8.081	22	-0.09	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0413	82.81	1.560	82.00	6.547	8.081	22	0.12	0%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	84.25	22.50	82.00	6.547	8.081	22	0.34	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	84.34	4.330	82.00	6.547	8.081	22	0.36	1%	0
022.42	Copper, ICP, Open vessel (ppm)	2433	85.27	1.980	82.00	6.547	8.081	22	0.50	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	86.32	10.85	82.00	6.547	8.081	22	0.66	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0504	91.00	22.00	82.00	6.547	8.081	22	1.37	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	91.78	11.71	82.00	6.547	8.081	22	1.49	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	96.00	6.000	82.00	6.547	8.081	22	2.14	9%	0
022.42	Copper, ICP, Open vessel (ppm)	0160	99.20	23.60	82.00	6.547	8.081	22	2.63	10%	0
022.43	Copper, ICP, Microwave (ppm)	0629	63.85	2.300	77.17	6.111	4.761	31	-2.18	9%	0
022.43	Copper, ICP, Microwave (ppm)	0035	64.00	12.00	77.17	6.111	4.761	31	-2.15	9%	0
022.43	Copper, ICP, Microwave (ppm)	0848	66.33	4.003	77.17	6.111	4.761	31	-1.77	7%	0
022.43	Copper, ICP, Microwave (ppm)	0033	70.05	1.900	77.17	6.111	4.761	31	-1.16	5%	0
022.43	Copper, ICP, Microwave (ppm)	0505	71.87	1.670	77.17	6.111	4.761	31	-0.87	3%	0
022.43	Copper, ICP, Microwave (ppm)	0169	72.50	0.2000	77.17	6.111	4.761	31	-0.76	3%	0
022.43	Copper, ICP, Microwave (ppm)	0354	72.87	2.310	77.17	6.111	4.761	31	-0.70	3%	0
022.43	Copper, ICP, Microwave (ppm)	0512	73.44	4.930	77.17	6.111	4.761	31	-0.61	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
022.43	Copper, ICP, Microwave (ppm)	0006	73.55	8.900	77.17	6.111	4.761	31	-0.59	2%	0
022.43	Copper, ICP, Microwave (ppm)	0098	74.01	6.480	77.17	6.111	4.761	31	-0.52	2%	0
022.43	Copper, ICP, Microwave (ppm)	2476	74.09	10.90	77.17	6.111	4.761	31	-0.50	2%	0
022.43	Copper, ICP, Microwave (ppm)	0407	74.56	4.204	77.17	6.111	4.761	31	-0.43	2%	0
022.43	Copper, ICP, Microwave (ppm)	0870	75.64	2.570	77.17	6.111	4.761	31	-0.25	1%	0
022.43	Copper, ICP, Microwave (ppm)	2089	75.90	1.670	77.17	6.111	4.761	31	-0.21	1%	0
022.43	Copper, ICP, Microwave (ppm)	0511	76.00	2.000	77.17	6.111	4.761	31	-0.19	1%	0
022.43	Copper, ICP, Microwave (ppm)	0675	76.89	3.990	77.17	6.111	4.761	31	-0.05	0%	0
022.43	Copper, ICP, Microwave (ppm)	0032	76.95	17.34	77.17	6.111	4.761	31	-0.04	0%	0
022.43	Copper, ICP, Microwave (ppm)	0010	77.75	11.50	77.17	6.111	4.761	31	0.10	0%	0
022.43	Copper, ICP, Microwave (ppm)	0968	77.80	0.0620	77.17	6.111	4.761	31	0.10	0%	0
022.43	Copper, ICP, Microwave (ppm)	0353	79.74	0.1600	77.17	6.111	4.761	31	0.42	2%	0
022.43	Copper, ICP, Microwave (ppm)	0682	80.40	0.0000	77.17	6.111	4.761	31	0.53	2%	0
022.43	Copper, ICP, Microwave (ppm)	2326	81.00	6.000	77.17	6.111	4.761	31	0.63	2%	0
022.43	Copper, ICP, Microwave (ppm)	0083	81.46	1.110	77.17	6.111	4.761	31	0.70	3%	0
022.43	Copper, ICP, Microwave (ppm)	0297	82.00	2.000	77.17	6.111	4.761	31	0.79	3%	0
022.43	Copper, ICP, Microwave (ppm)	0226	82.12	4.330	77.17	6.111	4.761	31	0.81	3%	0
022.43	Copper, ICP, Microwave (ppm)	0875	83.17	0.3760	77.17	6.111	4.761	31	0.98	4%	0
022.43	Copper, ICP, Microwave (ppm)	0017	83.20	1.029	77.17	6.111	4.761	31	0.99	4%	0
022.43	Copper, ICP, Microwave (ppm)	0610	83.55	8.900	77.17	6.111	4.761	31	1.04	4%	0
022.43	Copper, ICP, Microwave (ppm)	0510	85.00	2.000	77.17	6.111	4.761	31	1.28	5%	0
022.43	Copper, ICP, Microwave (ppm)	0027	87.99	12.33	77.17	6.111	4.761	31	1.77	7%	0
022.43	Copper, ICP, Microwave (ppm)	0038	99.95	12.10	77.17	6.111	4.761	31	3.73	15%	0
022.43	Copper, ICP, Microwave (ppm)	0345	6.250	0.3000	77.17	6.111	4.761	31	-11.60	46%	2
022.44	Copper, ICP, Dry ash (ppm)	2114	63.59	0.3060				2			0
022.44	Copper, ICP, Dry ash (ppm)	0066	68.40	2.980				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	80.16	8.900				1			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	70.17	0.8500				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	82.36	0.0525				2			0
022.99	Copper, Miscellaneous (ppm)	0100	73.50	3.000				1			0
025.31	Iron, AAS, Dry ash (ppm)	2246	232.4	7.740	414.0	48.79	5.468	8	-3.72	22%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	361.6	43.53	414.0	48.79	5.468	8	-1.07	6%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	417.4	1.629	414.0	48.79	5.468	8	0.07	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	419.8	1.300	414.0	48.79	5.468	8	0.12	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	422.5	1.850	414.0	48.79	5.468	8	0.17	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0651	435.2	10.52	414.0	48.79	5.468	8	0.43	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	441.5	2.500	414.0	48.79	5.468	8	0.56	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	473.5	5.000	414.0	48.79	5.468	8	1.22	7%	0
025.31	Iron, AAS, Dry ash (ppm)	0884	5,115	92.30	414.0	48.79	5.468	8	96.36	568%	2
025.33	Iron, AAS, Microwave (ppm)	0948	388.0	1.300				2			0
025.33	Iron, AAS, Microwave (ppm)	2115	533.4	16.19				2			0
025.41	Iron, ICP, Dry ash (ppm)	0066	352.0	12.21	418.9	40.83	15.69	16	-1.64	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
025.41	Iron, ICP, Dry ash (ppm)	0619	379.0	16.00	418.9	40.83	15.69	16	-0.98	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	383.5	22.34	418.9	40.83	15.69	16	-0.86	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	390.7	4.800	418.9	40.83	15.69	16	-0.69	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	392.4	27.58	418.9	40.83	15.69	16	-0.65	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	396.3	19.81	418.9	40.83	15.69	16	-0.55	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	410.4	4.200	418.9	40.83	15.69	16	-0.21	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	410.7	16.09	418.9	40.83	15.69	16	-0.20	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	413.7	22.57	418.9	40.83	15.69	16	-0.13	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	421.8	38.05	418.9	40.83	15.69	16	0.07	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	426.3	3.500	418.9	40.83	15.69	16	0.18	1%	0
025.41	Iron, ICP, Dry ash (ppm)	2114	448.5	20.70	418.9	40.83	15.69	16	0.73	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	461.5	9.900	418.9	40.83	15.69	16	1.04	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	462.9	13.67	418.9	40.83	15.69	16	1.08	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	466.2	12.47	418.9	40.83	15.69	16	1.16	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0674	507.4	0.0000	418.9	40.83	15.69	16	2.17	11%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	206.8	2.000	358.2	104.9	12.78	19	-1.44	21%	0
025.42	Iron, ICP, Open vessel (ppm)	0160	207.0	36.00	358.2	104.9	12.78	19	-1.44	21%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	222.0	14.00	358.2	104.9	12.78	19	-1.30	19%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	245.0	3.520	358.2	104.9	12.78	19	-1.08	16%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	259.0	36.00	358.2	104.9	12.78	19	-0.95	14%	0
025.42	Iron, ICP, Open vessel (ppm)	0357	264.9	3.682	358.2	104.9	12.78	19	-0.89	13%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	320.0	22.28	358.2	104.9	12.78	19	-0.36	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0202	387.5	1.000	358.2	104.9	12.78	19	0.28	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0504	394.5	5.000	358.2	104.9	12.78	19	0.35	5%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	399.5	5.000	358.2	104.9	12.78	19	0.39	6%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	413.8	2.074	358.2	104.9	12.78	19	0.53	8%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	414.2	3.200	358.2	104.9	12.78	19	0.53	8%	0
025.42	Iron, ICP, Open vessel (ppm)	2433	423.0	14.53	358.2	104.9	12.78	19	0.62	9%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	424.8	28.20	358.2	104.9	12.78	19	0.64	9%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	429.3	10.51	358.2	104.9	12.78	19	0.68	10%	0
025.42	Iron, ICP, Open vessel (ppm)	0413	442.0	3.120	358.2	104.9	12.78	19	0.80	12%	0
025.42	Iron, ICP, Open vessel (ppm)	0009	443.0	18.00	358.2	104.9	12.78	19	0.81	12%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	443.0	36.00	358.2	104.9	12.78	19	0.81	12%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	466.0	10.00	358.2	104.9	12.78	19	1.03	15%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	406.0	74.00	358.2	104.9	12.78	19	0.46	7%	1
025.43	Iron, ICP, Microwave (ppm)	0345	210.8	9.400	443.3	43.93	15.42	30	-5.29	26%	0
025.43	Iron, ICP, Microwave (ppm)	0083	289.9	85.22	443.3	43.93	15.42	30	-3.49	17%	0
025.43	Iron, ICP, Microwave (ppm)	2089	308.0	2.980	443.3	43.93	15.42	30	-3.08	15%	0
025.43	Iron, ICP, Microwave (ppm)	0226	380.4	30.73	443.3	43.93	15.42	30	-1.43	7%	0
025.43	Iron, ICP, Microwave (ppm)	0169	395.0	0.0000	443.3	43.93	15.42	30	-1.10	5%	0
025.43	Iron, ICP, Microwave (ppm)	0875	404.6	8.779	443.3	43.93	15.42	30	-0.88	4%	0
025.43	Iron, ICP, Microwave (ppm)	0511	414.5	1.000	443.3	43.93	15.42	30	-0.65	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
025.43	Iron, ICP, Microwave (ppm)	0407	420.7	1.475	443.3	43.93	15.42	30	-0.51	3%	0
025.43	Iron, ICP, Microwave (ppm)	0629	421.0	0.0000	443.3	43.93	15.42	30	-0.51	3%	0
025.43	Iron, ICP, Microwave (ppm)	0675	425.7	1.090	443.3	43.93	15.42	30	-0.40	2%	0
025.43	Iron, ICP, Microwave (ppm)	0354	429.3	14.60	443.3	43.93	15.42	30	-0.32	2%	0
025.43	Iron, ICP, Microwave (ppm)	0510	433.5	11.00	443.3	43.93	15.42	30	-0.22	1%	0
025.43	Iron, ICP, Microwave (ppm)	0033	443.0	28.00	443.3	43.93	15.42	30	-0.01	0%	0
025.43	Iron, ICP, Microwave (ppm)	0870	443.5	42.70	443.3	43.93	15.42	30	0.00	0%	0
025.43	Iron, ICP, Microwave (ppm)	0010	444.8	4.200	443.3	43.93	15.42	30	0.04	0%	0
025.43	Iron, ICP, Microwave (ppm)	0505	450.5	2.900	443.3	43.93	15.42	30	0.16	1%	0
025.43	Iron, ICP, Microwave (ppm)	0968	450.7	0.6870	443.3	43.93	15.42	30	0.17	1%	0
025.43	Iron, ICP, Microwave (ppm)	2476	454.2	9.800	443.3	43.93	15.42	30	0.25	1%	0
025.43	Iron, ICP, Microwave (ppm)	0032	454.7	17.10	443.3	43.93	15.42	30	0.26	1%	0
025.43	Iron, ICP, Microwave (ppm)	0353	459.9	0.2000	443.3	43.93	15.42	30	0.38	2%	0
025.43	Iron, ICP, Microwave (ppm)	0512	464.2	20.40	443.3	43.93	15.42	30	0.48	2%	0
025.43	Iron, ICP, Microwave (ppm)	0610	469.5	36.00	443.3	43.93	15.42	30	0.60	3%	0
025.43	Iron, ICP, Microwave (ppm)	0001	470.5	7.000	443.3	43.93	15.42	30	0.62	3%	0
025.43	Iron, ICP, Microwave (ppm)	0035	470.5	9.000	443.3	43.93	15.42	30	0.62	3%	0
025.43	Iron, ICP, Microwave (ppm)	0098	471.3	14.60	443.3	43.93	15.42	30	0.64	3%	0
025.43	Iron, ICP, Microwave (ppm)	0297	479.0	14.00	443.3	43.93	15.42	30	0.81	4%	0
025.43	Iron, ICP, Microwave (ppm)	0682	487.5	0.0000	443.3	43.93	15.42	30	1.01	5%	0
025.43	Iron, ICP, Microwave (ppm)	2326	514.0	26.00	443.3	43.93	15.42	30	1.61	8%	0
025.43	Iron, ICP, Microwave (ppm)	0011	521.5	33.00	443.3	43.93	15.42	30	1.78	9%	0
025.43	Iron, ICP, Microwave (ppm)	0038	573.5	37.00	443.3	43.93	15.42	30	2.96	15%	0
025.43	Iron, ICP, Microwave (ppm)	0017	346.7	210.7	443.3	43.93	15.42	30	-2.20	11%	1
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	496.0	39.80				1			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	420.5	17.00				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	466.8	22.30				2			0
025.99	Iron, Miscellaneous (ppm)	0100	413.0	6.000				1			0
027.31	Magnesium, AAS, Dry ash (%)	2246	0.4000	0.0000	0.7977	0.0775	0.0279	9	-5.13	25%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.7430	0.0240	0.7977	0.0775	0.0279	9	-0.71	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0014	0.7665	0.0250	0.7977	0.0775	0.0279	9	-0.40	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.7780	0.0020	0.7977	0.0775	0.0279	9	-0.25	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.7877	0.0378	0.7977	0.0775	0.0279	9	-0.13	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2146	0.7900	0.0400	0.7977	0.0775	0.0279	9	-0.10	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.8673	0.0042	0.7977	0.0775	0.0279	9	0.90	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.8750	0.0500	0.7977	0.0775	0.0279	9	1.00	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.8900	0.0400	0.7977	0.0775	0.0279	9	1.19	6%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.7050	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	2115	0.8150	0.0300				2			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.8680	0.0120				2			0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.5000	0.0600	0.7559	0.0747	0.0359	17	-3.43	17%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.6000	0.0400	0.7559	0.0747	0.0359	17	-2.09	10%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
027.41	Magnesium, ICP, Dry ash (%)	0520	0.6600	0.0405	0.7559	0.0747	0.0359	17	-1.28	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.6850	0.0300	0.7559	0.0747	0.0359	17	-0.95	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.7250	0.0240	0.7559	0.0747	0.0359	17	-0.41	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.7450	0.0700	0.7559	0.0747	0.0359	17	-0.15	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.7550	0.0100	0.7559	0.0747	0.0359	17	-0.01	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.7572	0.0598	0.7559	0.0747	0.0359	17	0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.7652	0.0286	0.7559	0.0747	0.0359	17	0.12	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.7760	0.0320	0.7559	0.0747	0.0359	17	0.27	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.7825	0.0450	0.7559	0.0747	0.0359	17	0.36	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.7900	0.0000	0.7559	0.0747	0.0359	17	0.46	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.7915	0.0190	0.7559	0.0747	0.0359	17	0.48	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.8150	0.0100	0.7559	0.0747	0.0359	17	0.79	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0723	0.8159	0.0292	0.7559	0.0747	0.0359	17	0.80	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.8315	0.0450	0.7559	0.0747	0.0359	17	1.01	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0674	0.9500	0.0000	0.7559	0.0747	0.0359	17	2.60	13%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.6950	0.0700	0.7896	0.0561	0.0445	20	-1.69	6%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.7000	0.0200	0.7896	0.0561	0.0445	20	-1.60	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.7190	0.0400	0.7896	0.0561	0.0445	20	-1.26	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.7350	0.1100	0.7896	0.0561	0.0445	20	-0.97	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.7500	0.0200	0.7896	0.0561	0.0445	20	-0.71	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.7650	0.0300	0.7896	0.0561	0.0445	20	-0.44	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.7717	0.0458	0.7896	0.0561	0.0445	20	-0.32	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.7725	0.0030	0.7896	0.0561	0.0445	20	-0.30	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.7775	0.1290	0.7896	0.0561	0.0445	20	-0.22	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.7915	0.0590	0.7896	0.0561	0.0445	20	0.03	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0160	0.8050	0.0700	0.7896	0.0561	0.0445	20	0.27	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.8075	0.0403	0.7896	0.0561	0.0445	20	0.32	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.8100	0.0200	0.7896	0.0561	0.0445	20	0.36	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.8100	0.0600	0.7896	0.0561	0.0445	20	0.36	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.8170	0.0660	0.7896	0.0561	0.0445	20	0.49	2%	0
027.42	Magnesium, ICP, Open vessel (%)	2433	0.8360	0.0535	0.7896	0.0561	0.0445	20	0.83	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.8390	0.0071	0.7896	0.0561	0.0445	20	0.88	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.8400	0.0000	0.7896	0.0561	0.0445	20	0.90	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.8610	0.0122	0.7896	0.0561	0.0445	20	1.27	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.8950	0.0500	0.7896	0.0561	0.0445	20	1.88	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.8300	0.3400	0.7896	0.0561	0.0445	20	0.72	3%	1
027.43	Magnesium, ICP, Microwave (%)	0345	0.3680	0.0060	0.7914	0.0623	0.0362	32	-6.80	27%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.6800	0.0000	0.7914	0.0623	0.0362	32	-1.79	7%	0
027.43	Magnesium, ICP, Microwave (%)	0032	0.7106	0.0340	0.7914	0.0623	0.0362	32	-1.30	5%	0
027.43	Magnesium, ICP, Microwave (%)	2476	0.7190	0.0440	0.7914	0.0623	0.0362	32	-1.16	5%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.7245	0.0210	0.7914	0.0623	0.0362	32	-1.07	4%	0
027.43	Magnesium, ICP, Microwave (%)	0001	0.7265	0.0870	0.7914	0.0623	0.0362	32	-1.04	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
027.43	Magnesium, ICP, Microwave (%)	0870	0.7498	0.0573	0.7914	0.0623	0.0362	32	-0.67	3%	0
027.43	Magnesium, ICP, Microwave (%)	0512	0.7503	0.0775	0.7914	0.0623	0.0362	32	-0.66	3%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.7650	0.0100	0.7914	0.0623	0.0362	32	-0.42	2%	0
027.43	Magnesium, ICP, Microwave (%)	0010	0.7700	0.0800	0.7914	0.0623	0.0362	32	-0.34	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.7700	0.0200	0.7914	0.0623	0.0362	32	-0.34	1%	0
027.43	Magnesium, ICP, Microwave (%)	0875	0.7735	0.0370	0.7914	0.0623	0.0362	32	-0.29	1%	0
027.43	Magnesium, ICP, Microwave (%)	0226	0.7800	0.0200	0.7914	0.0623	0.0362	32	-0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0354	0.7800	0.0120	0.7914	0.0623	0.0362	32	-0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0511	0.7800	0.0600	0.7914	0.0623	0.0362	32	-0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.7850	0.0100	0.7914	0.0623	0.0362	32	-0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	0011	0.7900	0.0600	0.7914	0.0623	0.0362	32	-0.02	0%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.7900	0.0000	0.7914	0.0623	0.0362	32	-0.02	0%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.7903	0.0657	0.7914	0.0623	0.0362	32	-0.02	0%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.7950	0.0300	0.7914	0.0623	0.0362	32	0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.7990	0.0180	0.7914	0.0623	0.0362	32	0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.8100	0.0000	0.7914	0.0623	0.0362	32	0.30	1%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.8100	0.0000	0.7914	0.0623	0.0362	32	0.30	1%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.8235	0.0130	0.7914	0.0623	0.0362	32	0.51	2%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.8345	0.0830	0.7914	0.0623	0.0362	32	0.69	3%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.8525	0.0070	0.7914	0.0623	0.0362	32	0.98	4%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.8600	0.0000	0.7914	0.0623	0.0362	32	1.10	4%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.8700	0.0000	0.7914	0.0623	0.0362	32	1.26	5%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.8708	0.0477	0.7914	0.0623	0.0362	32	1.27	5%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.8800	0.0200	0.7914	0.0623	0.0362	32	1.42	6%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.9100	0.0200	0.7914	0.0623	0.0362	32	1.90	7%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.9450	0.0100	0.7914	0.0623	0.0362	32	2.46	10%	0
027.44	Magnesium, ICP, Dry ash (%)	2114	0.7716	0.0457				1			0
027.51	Magnesium, ICP-MS, Dry ash (%)	2146	0.7800	0.0400				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.7196	0.0111				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.8173	0.0066				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.8096	0.0496				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.8850	0.0300				2			0
027.99	Magnesium, Miscellaneous (%)	0100	0.7250	0.0300				3			0
027.99	Magnesium, Miscellaneous (%)	2144	0.7560	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0590	0.8200	0.0400				3			0
028.00	Manganese, Color (ppm)	2392	201.5	9.000				1			0
028.31	Manganese, AAS, Dry ash (ppm)	2188	187.7	15.15	207.1	11.39	4.077	9	-1.70	5%	0
028.31	Manganese, AAS, Dry ash (ppm)	0651	199.5	0.4240	207.1	11.39	4.077	9	-0.67	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	201.2	1.407	207.1	11.39	4.077	9	-0.52	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	203.2	7.100	207.1	11.39	4.077	9	-0.35	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	207.9	0.8000	207.1	11.39	4.077	9	0.07	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	2246	210.5	0.7200	207.1	11.39	4.077	9	0.29	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
028.31	Manganese, AAS, Dry ash (ppm)	0939	211.4	2.010	207.1	11.39	4.077	9	0.37	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0884	216.6	8.700	207.1	11.39	4.077	9	0.83	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0656	224.1	0.0000	207.1	11.39	4.077	9	1.49	4%	0
028.32	Manganese, AAS, Open vessel (ppm)	0038	228.5	3.000				1			0
028.33	Manganese, AAS, Microwave (ppm)	0948	203.1	6.110				2			0
028.33	Manganese, AAS, Microwave (ppm)	2115	242.2	2.310				2			0
028.41	Manganese, ICP, Dry ash (ppm)	0358	184.5	5.830	199.9	11.16	6.694	14	-1.38	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	185.3	0.8479	199.9	11.16	6.694	14	-1.31	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	186.9	5.248	199.9	11.16	6.694	14	-1.16	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	190.5	16.41	199.9	11.16	6.694	14	-0.84	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	198.2	1.890	199.9	11.16	6.694	14	-0.15	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	200.1	10.15	199.9	11.16	6.694	14	0.02	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	200.1	0.1600	199.9	11.16	6.694	14	0.02	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	202.4	3.500	199.9	11.16	6.694	14	0.22	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	204.2	9.700	199.9	11.16	6.694	14	0.38	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	204.5	9.000	199.9	11.16	6.694	14	0.42	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	206.3	8.600	199.9	11.16	6.694	14	0.58	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	207.7	3.840	199.9	11.16	6.694	14	0.70	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0674	210.9	0.0000	199.9	11.16	6.694	14	0.99	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	227.5	13.61	199.9	11.16	6.694	14	2.48	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	0504	193.5	5.000	236.3	15.24	5.223	21	-2.81	9%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	212.5	9.000	236.3	15.24	5.223	21	-1.56	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	224.2	0.0000	236.3	15.24	5.223	21	-0.79	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	225.0	8.000	236.3	15.24	5.223	21	-0.74	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	226.2	2.000	236.3	15.24	5.223	21	-0.66	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	226.9	5.100	236.3	15.24	5.223	21	-0.62	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	228.0	2.000	236.3	15.24	5.223	21	-0.54	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	229.0	4.000	236.3	15.24	5.223	21	-0.48	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	230.7	2.460	236.3	15.24	5.223	21	-0.36	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	233.0	8.000	236.3	15.24	5.223	21	-0.21	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	2433	233.9	6.004	236.3	15.24	5.223	21	-0.15	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	235.5	3.171	236.3	15.24	5.223	21	-0.05	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	236.9	1.400	236.3	15.24	5.223	21	0.04	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	243.5	3.000	236.3	15.24	5.223	21	0.47	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0413	243.7	9.040	236.3	15.24	5.223	21	0.49	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	246.5	0.6000	236.3	15.24	5.223	21	0.67	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0202	247.5	13.00	236.3	15.24	5.223	21	0.74	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	252.2	4.923	236.3	15.24	5.223	21	1.04	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0160	255.0	8.000	236.3	15.24	5.223	21	1.23	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	258.0	1.030	236.3	15.24	5.223	21	1.42	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	283.0	24.86	236.3	15.24	5.223	21	3.07	10%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	230.0	36.00	236.3	15.24	5.223	21	-0.41	1%	1

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
028.43	Manganese, ICP, Microwave (ppm)	0354	212.8	2.070	231.9	13.90	6.114	30	-1.38	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	216.0	6.000	231.9	13.90	6.114	30	-1.15	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0010	216.5	0.3000	231.9	13.90	6.114	30	-1.11	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	218.6	7.984	231.9	13.90	6.114	30	-0.96	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	220.0	0.0000	231.9	13.90	6.114	30	-0.86	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0629	220.0	4.000	231.9	13.90	6.114	30	-0.86	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0512	221.3	4.200	231.9	13.90	6.114	30	-0.77	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	221.4	2.514	231.9	13.90	6.114	30	-0.76	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	221.7	4.250	231.9	13.90	6.114	30	-0.74	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	223.9	4.700	231.9	13.90	6.114	30	-0.58	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	224.3	4.960	231.9	13.90	6.114	30	-0.55	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0001	226.0	8.000	231.9	13.90	6.114	30	-0.43	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	226.0	0.0000	231.9	13.90	6.114	30	-0.43	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2476	226.0	14.00	231.9	13.90	6.114	30	-0.43	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	228.0	8.750	231.9	13.90	6.114	30	-0.28	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	229.5	2.100	231.9	13.90	6.114	30	-0.18	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0033	231.5	13.00	231.9	13.90	6.114	30	-0.03	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	232.5	31.00	231.9	13.90	6.114	30	0.04	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0875	237.6	3.263	231.9	13.90	6.114	30	0.40	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	238.5	2.370	231.9	13.90	6.114	30	0.47	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0226	240.1	0.5700	231.9	13.90	6.114	30	0.59	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	240.5	15.00	231.9	13.90	6.114	30	0.62	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	243.0	0.0000	231.9	13.90	6.114	30	0.80	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	244.2	2.556	231.9	13.90	6.114	30	0.88	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0032	245.6	16.80	231.9	13.90	6.114	30	0.98	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	246.1	0.2000	231.9	13.90	6.114	30	1.02	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	248.5	3.000	231.9	13.90	6.114	30	1.19	4%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	255.5	11.00	231.9	13.90	6.114	30	1.69	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	257.5	9.601	231.9	13.90	6.114	30	1.84	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	259.0	3.850	231.9	13.90	6.114	30	1.95	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0038	278.5	35.00	231.9	13.90	6.114	30	3.35	10%	1
028.44	Manganese, ICP, Dry ash (ppm)	0066	179.4	4.011				2			0
028.44	Manganese, ICP, Dry ash (ppm)	2114	208.6	0.6200				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	245.9	5.970				1			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	218.5	7.000				2			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	268.7	3.982				2			0
028.99	Manganese, Miscellaneous (ppm)	0100	231.5	9.000				1			0
030.01	Nitrate, Ion-selective electrode (%)	0357	0.0016	0.0000				1			0
031.01	Phosphorus, Photometric (%)	0018	0.5040	0.0060	0.7138	0.0315	0.0117	34	-6.65	15%	0
031.01	Phosphorus, Photometric (%)	0108	0.6150	0.0300	0.7138	0.0315	0.0117	34	-3.13	7%	0
031.01	Phosphorus, Photometric (%)	2453	0.6550	0.0100	0.7138	0.0315	0.0117	34	-1.86	4%	0
031.01	Phosphorus, Photometric (%)	2144	0.6750	0.0100	0.7138	0.0315	0.0117	34	-1.23	3%	0

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031.01	Phosphorus, Photometric (%)	2199	0.6750	0.0100	0.7138	0.0315	0.0117	34	-1.23	3%	0
031.01	Phosphorus, Photometric (%)	0689	0.6850	0.0100	0.7138	0.0315	0.0117	34	-0.91	2%	0
031.01	Phosphorus, Photometric (%)	0885	0.6872	0.0069	0.7138	0.0315	0.0117	34	-0.84	2%	0
031.01	Phosphorus, Photometric (%)	2397	0.6880	0.0240	0.7138	0.0315	0.0117	34	-0.82	2%	0
031.01	Phosphorus, Photometric (%)	2200	0.6950	0.0300	0.7138	0.0315	0.0117	34	-0.59	1%	0
031.01	Phosphorus, Photometric (%)	0722	0.6979	0.0082	0.7138	0.0315	0.0117	34	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	2146	0.7000	0.0000	0.7138	0.0315	0.0117	34	-0.44	1%	0
031.01	Phosphorus, Photometric (%)	0939	0.7050	0.0100	0.7138	0.0315	0.0117	34	-0.28	1%	0
031.01	Phosphorus, Photometric (%)	0563	0.7080	0.0050	0.7138	0.0315	0.0117	34	-0.18	0%	0
031.01	Phosphorus, Photometric (%)	0656	0.7100	0.0000	0.7138	0.0315	0.0117	34	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	0590	0.7150	0.0100	0.7138	0.0315	0.0117	34	0.04	0%	0
031.01	Phosphorus, Photometric (%)	0687	0.7150	0.0100	0.7138	0.0315	0.0117	34	0.04	0%	0
031.01	Phosphorus, Photometric (%)	2181	0.7150	0.0300	0.7138	0.0315	0.0117	34	0.04	0%	0
031.01	Phosphorus, Photometric (%)	2392	0.7150	0.0100	0.7138	0.0315	0.0117	34	0.04	0%	0
031.01	Phosphorus, Photometric (%)	2109	0.7160	0.0260	0.7138	0.0315	0.0117	34	0.07	0%	0
031.01	Phosphorus, Photometric (%)	0884	0.7200	0.0000	0.7138	0.0315	0.0117	34	0.20	0%	0
031.01	Phosphorus, Photometric (%)	2337	0.7200	0.0000	0.7138	0.0315	0.0117	34	0.20	0%	0
031.01	Phosphorus, Photometric (%)	0622	0.7201	0.0086	0.7138	0.0315	0.0117	34	0.20	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.7224	0.0056	0.7138	0.0315	0.0117	34	0.27	1%	0
031.01	Phosphorus, Photometric (%)	2115	0.7250	0.0100	0.7138	0.0315	0.0117	34	0.36	1%	0
031.01	Phosphorus, Photometric (%)	2190	0.7265	0.0065	0.7138	0.0315	0.0117	34	0.40	1%	0
031.01	Phosphorus, Photometric (%)	2188	0.7300	0.0000	0.7138	0.0315	0.0117	34	0.51	1%	0
031.01	Phosphorus, Photometric (%)	2434	0.7300	0.0000	0.7138	0.0315	0.0117	34	0.51	1%	0
031.01	Phosphorus, Photometric (%)	0651	0.7340	0.0151	0.7138	0.0315	0.0117	34	0.64	1%	0
031.01	Phosphorus, Photometric (%)	2196	0.7400	0.0000	0.7138	0.0315	0.0117	34	0.83	2%	0
031.01	Phosphorus, Photometric (%)	0529	0.7550	0.0100	0.7138	0.0315	0.0117	34	1.31	3%	0
031.01	Phosphorus, Photometric (%)	2006	0.7605	0.0010	0.7138	0.0315	0.0117	34	1.48	3%	0
031.01	Phosphorus, Photometric (%)	2246	0.7700	0.0000	0.7138	0.0315	0.0117	34	1.78	4%	0
031.01	Phosphorus, Photometric (%)	2022	0.8150	0.0100	0.7138	0.0315	0.0117	34	3.21	7%	0
031.01	Phosphorus, Photometric (%)	0948	0.8300	0.0200	0.7138	0.0315	0.0117	34	3.68	8%	0
031.01	Phosphorus, Photometric (%)	0038	0.6515	0.0790	0.7138	0.0315	0.0117	34	-1.97	4%	1
031.03	Phosphorus, Autoanalyzer (%)	0001	0.7056	0.0187				2			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.7350	0.0100				2			0
031.06	Phosphorus, Hach Method (%)	0536	0.6800	0.0200				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.6675	0.0450	0.7043	0.0246	0.0188	19	-1.49	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.6750	0.0300	0.7043	0.0246	0.0188	19	-1.19	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.6850	0.0100	0.7043	0.0246	0.0188	19	-0.78	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.6850	0.0300	0.7043	0.0246	0.0188	19	-0.78	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.6865	0.0013	0.7043	0.0246	0.0188	19	-0.72	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.6900	0.0400	0.7043	0.0246	0.0188	19	-0.58	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.6900	0.0200	0.7043	0.0246	0.0188	19	-0.58	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.6950	0.0100	0.7043	0.0246	0.0188	19	-0.38	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.6950	0.0100	0.7043	0.0246	0.0188	19	-0.38	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2482	0.6985	0.0050	0.7043	0.0246	0.0188	19	-0.24	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.7045	0.0110	0.7043	0.0246	0.0188	19	0.01	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.7096	0.0240	0.7043	0.0246	0.0188	19	0.21	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.7200	0.0200	0.7043	0.0246	0.0188	19	0.64	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0674	0.7200	0.0000	0.7043	0.0246	0.0188	19	0.64	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.7241	0.0179	0.7043	0.0246	0.0188	19	0.80	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.7260	0.0060	0.7043	0.0246	0.0188	19	0.88	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.7305	0.0070	0.7043	0.0246	0.0188	19	1.06	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.7385	0.0610	0.7043	0.0246	0.0188	19	1.39	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.7441	0.0149	0.7043	0.0246	0.0188	19	1.61	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.6436	0.0273	0.7166	0.0460	0.0192	20	-1.59	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.6450	0.0300	0.7166	0.0460	0.0192	20	-1.56	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	2433	0.6823	0.0297	0.7166	0.0460	0.0192	20	-0.75	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.6830	0.0040	0.7166	0.0460	0.0192	20	-0.73	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.6940	0.0280	0.7166	0.0460	0.0192	20	-0.49	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.6945	0.0530	0.7166	0.0460	0.0192	20	-0.48	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.6945	0.0032	0.7166	0.0460	0.0192	20	-0.48	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.7000	0.0000	0.7166	0.0460	0.0192	20	-0.36	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.7000	0.0000	0.7166	0.0460	0.0192	20	-0.36	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.7029	0.0279	0.7166	0.0460	0.0192	20	-0.30	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.7050	0.0100	0.7166	0.0460	0.0192	20	-0.25	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.7050	0.0500	0.7166	0.0460	0.0192	20	-0.25	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.7240	0.0080	0.7166	0.0460	0.0192	20	0.16	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.7500	0.0000	0.7166	0.0460	0.0192	20	0.73	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.7543	0.0034	0.7166	0.0460	0.0192	20	0.82	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.7585	0.0010	0.7166	0.0460	0.0192	20	0.91	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.7640	0.0200	0.7166	0.0460	0.0192	20	1.03	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.7700	0.0200	0.7166	0.0460	0.0192	20	1.16	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.7700	0.0000	0.7166	0.0460	0.0192	20	1.16	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.7850	0.0080	0.7166	0.0460	0.0192	20	1.49	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0160	0.7950	0.1700	0.7166	0.0460	0.0192	20	1.70	5%	1
031.43	Phosphorus, ICP, Microwave (%)	0083	0.6620	0.0220	0.7271	0.0369	0.0147	34	-1.76	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	0.6671	0.0011	0.7271	0.0369	0.0147	34	-1.63	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.6760	0.0220	0.7271	0.0369	0.0147	34	-1.39	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.6800	0.0200	0.7271	0.0369	0.0147	34	-1.28	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0226	0.6800	0.0200	0.7271	0.0369	0.0147	34	-1.28	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	0.6950	0.0500	0.7271	0.0369	0.0147	34	-0.87	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.7000	0.0200	0.7271	0.0369	0.0147	34	-0.73	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.7050	0.0100	0.7271	0.0369	0.0147	34	-0.60	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.7070	0.0000	0.7271	0.0369	0.0147	34	-0.54	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0875	0.7090	0.0120	0.7271	0.0369	0.0147	34	-0.49	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
031.43	Phosphorus, ICP, Microwave (%)	0610	0.7100	0.0400	0.7271	0.0369	0.0147	34	-0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	0.7150	0.0300	0.7271	0.0369	0.0147	34	-0.33	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.7150	0.0100	0.7271	0.0369	0.0147	34	-0.33	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.7160	0.0040	0.7271	0.0369	0.0147	34	-0.30	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.7188	0.0322	0.7271	0.0369	0.0147	34	-0.22	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.7200	0.0000	0.7271	0.0369	0.0147	34	-0.19	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.7200	0.0000	0.7271	0.0369	0.0147	34	-0.19	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.7225	0.0030	0.7271	0.0369	0.0147	34	-0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.7232	0.0135	0.7271	0.0369	0.0147	34	-0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.7314	0.0058	0.7271	0.0369	0.0147	34	0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.7334	0.0066	0.7271	0.0369	0.0147	34	0.17	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0011	0.7400	0.0200	0.7271	0.0369	0.0147	34	0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0354	0.7465	0.0010	0.7271	0.0369	0.0147	34	0.53	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0512	0.7477	0.0236	0.7271	0.0369	0.0147	34	0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	0.7500	0.0000	0.7271	0.0369	0.0147	34	0.62	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.7500	0.0200	0.7271	0.0369	0.0147	34	0.62	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.7529	0.0017	0.7271	0.0369	0.0147	34	0.70	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.7645	0.0010	0.7271	0.0369	0.0147	34	1.02	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	0.7680	0.0060	0.7271	0.0369	0.0147	34	1.11	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.7725	0.0010	0.7271	0.0369	0.0147	34	1.23	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.7750	0.0500	0.7271	0.0369	0.0147	34	1.30	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.7750	0.0100	0.7271	0.0369	0.0147	34	1.30	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2115	0.7750	0.0100	0.7271	0.0369	0.0147	34	1.30	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	0.8700	0.0160	0.7271	0.0369	0.0147	34	3.88	10%	0
031.43	Phosphorus, ICP, Microwave (%)	2476	0.7225	0.0710	0.7271	0.0369	0.0147	34	-0.12	0%	1
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.6640	0.0420				2			0
031.44	Phosphorus, ICP, Dry ash (%)	2114	0.7356	0.0112				2			0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	0.7000	0.0000				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.7019	0.0091				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.7297	0.0109				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.7200	0.0200				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.7938	0.0340				2			0
031.99	Phosphorus, Miscellaneous (%)	2302	0.6700	0.0000				2			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.6900	0.0000				2			0
032.02	Potassium, Flame Emission (%)	2392	0.6505	0.0110				2			0
032.02	Potassium, Flame Emission (%)	0884	0.7650	0.0100				2			0
032.31	Potassium, AAS, Dry ash (%)	0948	0.6340	0.0080	0.7287	0.0747	0.0155	7	-1.27	6%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.6785	0.0070	0.7287	0.0747	0.0155	7	-0.67	3%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.7156	0.0126	0.7287	0.0747	0.0155	7	-0.18	1%	0
032.31	Potassium, AAS, Dry ash (%)	0014	0.7170	0.0000	0.7287	0.0747	0.0155	7	-0.16	1%	0
032.31	Potassium, AAS, Dry ash (%)	0529	0.7550	0.0100	0.7287	0.0747	0.0155	7	0.35	2%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.7600	0.0000	0.7287	0.0747	0.0155	7	0.42	2%	0

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032.31	Potassium, AAS, Dry ash (%)	2246	2.630	0.0400	0.7287	0.0747	0.0155	7	25.47	130%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.8050	0.0100				1			0
032.33	Potassium, AAS, Microwave (%)	2115	0.8200	0.0000				1			0
032.41	Potassium, ICP, Dry ash (%)	0598	0.5645	0.0044	0.6936	0.0889	0.0243	16	-1.45	9%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.5900	0.0200	0.6936	0.0889	0.0243	16	-1.16	7%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.6110	0.0160	0.6936	0.0889	0.0243	16	-0.93	6%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.6250	0.0300	0.6936	0.0889	0.0243	16	-0.77	5%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.6350	0.0100	0.6936	0.0889	0.0243	16	-0.66	4%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.6475	0.0650	0.6936	0.0889	0.0243	16	-0.52	3%	0
032.41	Potassium, ICP, Dry ash (%)	0674	0.6500	0.0000	0.6936	0.0889	0.0243	16	-0.49	3%	0
032.41	Potassium, ICP, Dry ash (%)	0004	0.6700	0.0600	0.6936	0.0889	0.0243	16	-0.27	2%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.7060	0.0020	0.6936	0.0889	0.0243	16	0.14	1%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.7400	0.0200	0.6936	0.0889	0.0243	16	0.52	3%	0
032.41	Potassium, ICP, Dry ash (%)	0413	0.7450	0.0500	0.6936	0.0889	0.0243	16	0.58	4%	0
032.41	Potassium, ICP, Dry ash (%)	0066	0.7715	0.0170	0.6936	0.0889	0.0243	16	0.88	6%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.7750	0.0300	0.6936	0.0889	0.0243	16	0.92	6%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.7750	0.0100	0.6936	0.0889	0.0243	16	0.92	6%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.7893	0.0178	0.6936	0.0889	0.0243	16	1.08	7%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.8027	0.0323	0.6936	0.0889	0.0243	16	1.23	8%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.6200	0.1400	0.6936	0.0889	0.0243	16	-0.83	5%	1
032.42	Potassium, ICP, Open vessel (%)	0504	0.7000	0.0200	0.8369	0.0683	0.0285	19	-2.00	8%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.7320	0.0300	0.8369	0.0683	0.0285	19	-1.53	6%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.7400	0.0000	0.8369	0.0683	0.0285	19	-1.42	6%	0
032.42	Potassium, ICP, Open vessel (%)	0263	0.7890	0.0020	0.8369	0.0683	0.0285	19	-0.70	3%	0
032.42	Potassium, ICP, Open vessel (%)	2433	0.7909	0.0058	0.8369	0.0683	0.0285	19	-0.67	3%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.8075	0.0470	0.8369	0.0683	0.0285	19	-0.43	2%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.8100	0.0093	0.8369	0.0683	0.0285	19	-0.39	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.8167	0.0120	0.8369	0.0683	0.0285	19	-0.30	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.8400	0.0200	0.8369	0.0683	0.0285	19	0.05	0%	0
032.42	Potassium, ICP, Open vessel (%)	0202	0.8465	0.0190	0.8369	0.0683	0.0285	19	0.14	1%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.8600	0.0600	0.8369	0.0683	0.0285	19	0.34	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.8664	0.0006	0.8369	0.0683	0.0285	19	0.43	2%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.8700	0.0000	0.8369	0.0683	0.0285	19	0.49	2%	0
032.42	Potassium, ICP, Open vessel (%)	0160	0.8750	0.0700	0.8369	0.0683	0.0285	19	0.56	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.8850	0.0100	0.8369	0.0683	0.0285	19	0.70	3%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.8855	0.0090	0.8369	0.0683	0.0285	19	0.71	3%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.9000	0.0600	0.8369	0.0683	0.0285	19	0.92	4%	0
032.42	Potassium, ICP, Open vessel (%)	0009	0.9098	0.0405	0.8369	0.0683	0.0285	19	1.07	4%	0
032.42	Potassium, ICP, Open vessel (%)	0366	0.9550	0.0900	0.8369	0.0683	0.0285	19	1.73	7%	0
032.43	Potassium, ICP, Microwave (%)	0032	0.7229	0.0033	0.8255	0.0464	0.0150	31	-2.21	6%	0
032.43	Potassium, ICP, Microwave (%)	0001	0.7545	0.0230	0.8255	0.0464	0.0150	31	-1.53	4%	0
032.43	Potassium, ICP, Microwave (%)	0226	0.7650	0.0100	0.8255	0.0464	0.0150	31	-1.30	4%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	0083	0.7750	0.0040	0.8255	0.0464	0.0150	31	-1.09	3%	0
032.43	Potassium, ICP, Microwave (%)	0511	0.7850	0.0100	0.8255	0.0464	0.0150	31	-0.87	2%	0
032.43	Potassium, ICP, Microwave (%)	0354	0.7905	0.0330	0.8255	0.0464	0.0150	31	-0.75	2%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.7950	0.0100	0.8255	0.0464	0.0150	31	-0.66	2%	0
032.43	Potassium, ICP, Microwave (%)	0870	0.7977	0.0243	0.8255	0.0464	0.0150	31	-0.60	2%	0
032.43	Potassium, ICP, Microwave (%)	0512	0.8005	0.0430	0.8255	0.0464	0.0150	31	-0.54	2%	0
032.43	Potassium, ICP, Microwave (%)	2476	0.8010	0.0240	0.8255	0.0464	0.0150	31	-0.53	1%	0
032.43	Potassium, ICP, Microwave (%)	0010	0.8100	0.0000	0.8255	0.0464	0.0150	31	-0.33	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.8100	0.0000	0.8255	0.0464	0.0150	31	-0.33	1%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.8150	0.0100	0.8255	0.0464	0.0150	31	-0.23	1%	0
032.43	Potassium, ICP, Microwave (%)	0017	0.8173	0.0014	0.8255	0.0464	0.0150	31	-0.18	0%	0
032.43	Potassium, ICP, Microwave (%)	0033	0.8195	0.0030	0.8255	0.0464	0.0150	31	-0.13	0%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.8250	0.0100	0.8255	0.0464	0.0150	31	-0.01	0%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.8250	0.0100	0.8255	0.0464	0.0150	31	-0.01	0%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.8300	0.0200	0.8255	0.0464	0.0150	31	0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.8300	0.0000	0.8255	0.0464	0.0150	31	0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	0505	0.8310	0.0320	0.8255	0.0464	0.0150	31	0.12	0%	0
032.43	Potassium, ICP, Microwave (%)	0036	0.8325	0.0043	0.8255	0.0464	0.0150	31	0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.8350	0.0100	0.8255	0.0464	0.0150	31	0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0407	0.8410	0.0406	0.8255	0.0464	0.0150	31	0.33	1%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.8500	0.0000	0.8255	0.0464	0.0150	31	0.53	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.8550	0.0100	0.8255	0.0464	0.0150	31	0.64	2%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.8670	0.0060	0.8255	0.0464	0.0150	31	0.89	3%	0
032.43	Potassium, ICP, Microwave (%)	2326	0.8950	0.0300	0.8255	0.0464	0.0150	31	1.50	4%	0
032.43	Potassium, ICP, Microwave (%)	0043	0.9075	0.0190	0.8255	0.0464	0.0150	31	1.77	5%	0
032.43	Potassium, ICP, Microwave (%)	0038	0.9655	0.0090	0.8255	0.0464	0.0150	31	3.02	8%	0
032.43	Potassium, ICP, Microwave (%)	0089	0.9700	0.0000	0.8255	0.0464	0.0150	31	3.11	9%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.9815	0.0070	0.8255	0.0464	0.0150	31	3.36	9%	0
032.44	Potassium, ICP, Dry ash (%)	2114	0.7598	0.0185				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.7337	0.0219				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	0.8650	0.0300				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	0.8678	0.0059				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.7950	0.0100				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	0.8294	0.0234				2			0
032.99	Potassium, Miscellaneous (%)	0001	0.7581	0.0329				2			0
032.99	Potassium, Miscellaneous (%)	0100	0.8250	0.0300				2			0
033.00	Salt as chloride, Sol Cl (%)	0366	0.8450	0.0300	1.326	0.1122	0.0387	19	-4.28	18%	0
033.00	Salt as chloride, Sol Cl (%)	2193	1.060	0.0400	1.326	0.1122	0.0387	19	-2.37	10%	0
033.00	Salt as chloride, Sol Cl (%)	2022	1.140	0.0000	1.326	0.1122	0.0387	19	-1.65	7%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.252	0.0184	1.326	0.1122	0.0387	19	-0.65	3%	0
033.00	Salt as chloride, Sol Cl (%)	2453	1.275	0.0500	1.326	0.1122	0.0387	19	-0.45	2%	0
033.00	Salt as chloride, Sol Cl (%)	0183	1.300	0.0000	1.326	0.1122	0.0387	19	-0.23	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
033.00	Salt as chloride, Sol Cl (%)	0353	1.300	0.0200	1.326	0.1122	0.0387	19	-0.23	1%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.311	0.1480	1.326	0.1122	0.0387	19	-0.13	1%	0
033.00	Salt as chloride, Sol Cl (%)	0885	1.315	0.0060	1.326	0.1122	0.0387	19	-0.10	0%	0
033.00	Salt as chloride, Sol Cl (%)	2146	1.320	0.0200	1.326	0.1122	0.0387	19	-0.05	0%	0
033.00	Salt as chloride, Sol Cl (%)	2337	1.340	0.0000	1.326	0.1122	0.0387	19	0.13	1%	0
033.00	Salt as chloride, Sol Cl (%)	0511	1.345	0.1700	1.326	0.1122	0.0387	19	0.17	1%	0
033.00	Salt as chloride, Sol Cl (%)	0674	1.360	0.0000	1.326	0.1122	0.0387	19	0.31	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.385	0.0300	1.326	0.1122	0.0387	19	0.53	2%	0
033.00	Salt as chloride, Sol Cl (%)	2196	1.400	0.0000	1.326	0.1122	0.0387	19	0.66	3%	0
033.00	Salt as chloride, Sol Cl (%)	0539	1.405	0.0300	1.326	0.1122	0.0387	19	0.71	3%	0
033.00	Salt as chloride, Sol Cl (%)	0675	1.430	0.0200	1.326	0.1122	0.0387	19	0.93	4%	0
033.00	Salt as chloride, Sol Cl (%)	0884	1.485	0.0700	1.326	0.1122	0.0387	19	1.42	6%	0
033.00	Salt as chloride, Sol Cl (%)	0504	1.995	0.0500	1.326	0.1122	0.0387	19	5.96	25%	0
033.01	Salt as chloride, Poten Cl (%)	0619	1.150	0.0000	1.326	0.0422	0.0324	28	-4.17	7%	0
033.01	Salt as chloride, Poten Cl (%)	0964	1.227	0.0930	1.326	0.0422	0.0324	28	-2.36	4%	0
033.01	Salt as chloride, Poten Cl (%)	0010	1.250	0.0200	1.326	0.0422	0.0324	28	-1.80	3%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.280	0.0000	1.326	0.0422	0.0324	28	-1.09	2%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.290	0.0000	1.326	0.0422	0.0324	28	-0.85	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	1.290	0.0400	1.326	0.0422	0.0324	28	-0.85	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.294	0.0160	1.326	0.0422	0.0324	28	-0.76	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.295	0.0100	1.326	0.0422	0.0324	28	-0.73	1%	0
033.01	Salt as chloride, Poten Cl (%)	2190	1.307	0.0009	1.326	0.0422	0.0324	28	-0.44	1%	0
033.01	Salt as chloride, Poten Cl (%)	2109	1.311	0.0380	1.326	0.0422	0.0324	28	-0.35	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.315	0.0500	1.326	0.0422	0.0324	28	-0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.320	0.0200	1.326	0.0422	0.0324	28	-0.14	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.320	0.0000	1.326	0.0422	0.0324	28	-0.14	0%	0
033.01	Salt as chloride, Poten Cl (%)	0186	1.325	0.0300	1.326	0.0422	0.0324	28	-0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	1.330	0.0000	1.326	0.0422	0.0324	28	0.10	0%	0
033.01	Salt as chloride, Poten Cl (%)	2146	1.335	0.0100	1.326	0.0422	0.0324	28	0.22	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	1.340	0.0400	1.326	0.0422	0.0324	28	0.33	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	1.340	0.0200	1.326	0.0422	0.0324	28	0.33	1%	0
033.01	Salt as chloride, Poten Cl (%)	2115	1.340	0.0000	1.326	0.0422	0.0324	28	0.33	1%	0
033.01	Salt as chloride, Poten Cl (%)	0413	1.350	0.0200	1.326	0.0422	0.0324	28	0.57	1%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.350	0.0000	1.326	0.0422	0.0324	28	0.57	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.354	0.0250	1.326	0.0422	0.0324	28	0.65	1%	0
033.01	Salt as chloride, Poten Cl (%)	2268	1.355	0.0300	1.326	0.0422	0.0324	28	0.69	1%	0
033.01	Salt as chloride, Poten Cl (%)	2319	1.370	0.1000	1.326	0.0422	0.0324	28	1.04	2%	0
033.01	Salt as chloride, Poten Cl (%)	0004	1.375	0.0900	1.326	0.0422	0.0324	28	1.16	2%	0
033.01	Salt as chloride, Poten Cl (%)	0682	1.380	0.0000	1.326	0.0422	0.0324	28	1.28	2%	0
033.01	Salt as chloride, Poten Cl (%)	0019	1.383	0.0450	1.326	0.0422	0.0324	28	1.34	2%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.410	0.0400	1.326	0.0422	0.0324	28	1.99	3%	0
033.03	Salt as chloride, Quantab (%)	0190	1.100	0.0800	1.135	0.0342	0.0933	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
033.03	Salt as chloride, Quantab (%)	0726	1.120	0.0800	1.135	0.0342	0.0933	4		0	
033.03	Salt as chloride, Quantab (%)	0505	1.140	0.1200	1.135	0.0342	0.0933	4		0	
033.03	Salt as chloride, Quantab (%)	0144	1.180	0.0000	1.135	0.0342	0.0933	4		0	
033.03	Salt as chloride, Quantab (%)	2076	1.360	0.1200	1.135	0.0342	0.0933	4		2	
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	1.075	0.0100				2		0	
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.265	0.0300				2		0	
033.99	Salt, Miscellaneous (%)	0536	0.8550	0.0300	1.293	0.1316	0.0479	13	-3.33	17%	0
033.99	Salt, Miscellaneous (%)	0358	0.9500	0.0000	1.293	0.1316	0.0479	13	-2.60	13%	0
033.99	Salt, Miscellaneous (%)	2326	1.180	0.1800	1.293	0.1316	0.0479	13	-0.86	4%	0
033.99	Salt, Miscellaneous (%)	2246	1.230	0.0600	1.293	0.1316	0.0479	13	-0.48	2%	0
033.99	Salt, Miscellaneous (%)	2476	1.253	0.0370	1.293	0.1316	0.0479	13	-0.31	2%	0
033.99	Salt, Miscellaneous (%)	0042	1.300	0.0200	1.293	0.1316	0.0479	13	0.05	0%	0
033.99	Salt, Miscellaneous (%)	2129	1.315	0.0300	1.293	0.1316	0.0479	13	0.17	1%	0
033.99	Salt, Miscellaneous (%)	0027	1.345	0.0520	1.293	0.1316	0.0479	13	0.40	2%	0
033.99	Salt, Miscellaneous (%)	2144	1.360	0.0400	1.293	0.1316	0.0479	13	0.51	3%	0
033.99	Salt, Miscellaneous (%)	2181	1.370	0.0600	1.293	0.1316	0.0479	13	0.59	3%	0
033.99	Salt, Miscellaneous (%)	0017	1.398	0.0119	1.293	0.1316	0.0479	13	0.80	4%	0
033.99	Salt, Miscellaneous (%)	0512	1.405	0.0920	1.293	0.1316	0.0479	13	0.85	4%	0
033.99	Salt, Miscellaneous (%)	2195	1.460	0.0000	1.293	0.1316	0.0479	13	1.27	6%	0
034.01	Selenium, Total (Se), Fluor (ppm)	0038	1.405	0.0900				1			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0563	1.059	0.0042	1.150	0.0833	0.0711	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	1.100	0.0800	1.150	0.0833	0.0711	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0171	1.210	0.0600	1.150	0.0833	0.0711	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	1.230	0.1400	1.150	0.0833	0.0711	4			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0619	1.125	0.0700				2			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0148	1.390	0.1000				2			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0512	1.262	0.0380				3			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0160	1.340	0.0800				3			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0692	2.455	0.4100				3			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	2114	1.306	0.0520	1.689	0.6817	0.0343	4			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0066	1.346	0.0420	1.689	0.6817	0.0343	4			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0629	1.395	0.0100	1.689	0.6817	0.0343	4			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0968	2.711	0.0330	1.689	0.6817	0.0343	4			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	2476	0.0000	0.0000	1.689	0.6817	0.0343	4			4
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5		1.689	0.6817	0.0343	4			5
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0186	1.436	0.0630				1			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0009	1.040	0.2800	1.431	0.2795	0.0774	7	-1.40	14%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0032	1.310	0.1000	1.431	0.2795	0.0774	7	-0.43	4%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0033	1.355	0.0900	1.431	0.2795	0.0774	7	-0.27	3%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0560	1.395	0.0125	1.431	0.2795	0.0774	7	-0.13	1%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0610	1.440	0.0000	1.431	0.2795	0.0774	7	0.03	0%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0939	1.725	0.0100	1.431	0.2795	0.0774	7	1.05	10%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppr)	0407	1.753	0.0586	1.431	0.2795	0.0774	7	1.15	11%	0
034.99	Selenium, Total (Se), Miscellaneous (ppm)	0190	1.600	0.0000				1			0
035.01	Sodium, Ion-selective electrode (%)	2109	0.6090	0.0260				1			0
035.02	Sodium, Em Spect (%)	0884	0.4650	0.0100				1			0
035.05	Sodium, Flame Emission (%)	2392	0.4500	0.0200				2			0
035.05	Sodium, Flame Emission (%)	0108	0.4950	0.0700				2			0
035.31	Sodium, AAS, Dry ash (%)	2246	0.0100	0.0000	0.4469	0.0674	0.0227	7	-6.48	49%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.3840	0.0220	0.4469	0.0674	0.0227	7	-0.93	7%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.4457	0.0076	0.4469	0.0674	0.0227	7	-0.02	0%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.4765	0.0130	0.4469	0.0674	0.0227	7	0.44	3%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.4900	0.0000	0.4469	0.0674	0.0227	7	0.64	5%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.4900	0.0000	0.4469	0.0674	0.0227	7	0.64	5%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.4960	0.0480	0.4469	0.0674	0.0227	7	0.73	5%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.4950	0.0100				1			0
035.33	Sodium, AAS, Microwave (%)	2115	0.5200	0.0000				1			0
035.41	Sodium, ICP, Dry ash (%)	0598	0.3572	0.0097	0.4478	0.0541	0.0178	19	-1.68	10%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.3700	0.0600	0.4478	0.0541	0.0178	19	-1.44	9%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.3700	0.0000	0.4478	0.0541	0.0178	19	-1.44	9%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.4020	0.0000	0.4478	0.0541	0.0178	19	-0.85	5%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.4050	0.0100	0.4478	0.0541	0.0178	19	-0.79	5%	0
035.41	Sodium, ICP, Dry ash (%)	2482	0.4159	0.0062	0.4478	0.0541	0.0178	19	-0.59	4%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.4325	0.0150	0.4478	0.0541	0.0178	19	-0.28	2%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.4400	0.0200	0.4478	0.0541	0.0178	19	-0.14	1%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.4530	0.0020	0.4478	0.0541	0.0178	19	0.10	1%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.4550	0.0300	0.4478	0.0541	0.0178	19	0.13	1%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.4615	0.0230	0.4478	0.0541	0.0178	19	0.25	2%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.4750	0.0100	0.4478	0.0541	0.0178	19	0.50	3%	0
035.41	Sodium, ICP, Dry ash (%)	2114	0.4815	0.0110	0.4478	0.0541	0.0178	19	0.62	4%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.4850	0.0500	0.4478	0.0541	0.0178	19	0.69	4%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.4850	0.0300	0.4478	0.0541	0.0178	19	0.69	4%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.4992	0.0152	0.4478	0.0541	0.0178	19	0.95	6%	0
035.41	Sodium, ICP, Dry ash (%)	0674	0.5000	0.0000	0.4478	0.0541	0.0178	19	0.96	6%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.5016	0.0123	0.4478	0.0541	0.0178	19	0.99	6%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.5100	0.0000	0.4478	0.0541	0.0178	19	1.15	7%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.4150	0.0100	0.5112	0.0370	0.0170	18	-2.60	9%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.4515	0.0370	0.5112	0.0370	0.0170	18	-1.61	6%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.4695	0.0010	0.5112	0.0370	0.0170	18	-1.13	4%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.4700	0.0000	0.5112	0.0370	0.0170	18	-1.11	4%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.4874	0.0046	0.5112	0.0370	0.0170	18	-0.64	2%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.5100	0.0000	0.5112	0.0370	0.0170	18	-0.03	0%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.5105	0.0090	0.5112	0.0370	0.0170	18	-0.02	0%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.5120	0.0080	0.5112	0.0370	0.0170	18	0.02	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
035.42	Sodium, ICP, Open vessel (%)	0278	0.5150	0.0300	0.5112	0.0370	0.0170	18	0.10	0%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.5175	0.0370	0.5112	0.0370	0.0170	18	0.17	1%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.5178	0.0090	0.5112	0.0370	0.0170	18	0.18	1%	0
035.42	Sodium, ICP, Open vessel (%)	0160	0.5200	0.0800	0.5112	0.0370	0.0170	18	0.24	1%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.5230	0.0320	0.5112	0.0370	0.0170	18	0.32	1%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.5251	0.0049	0.5112	0.0370	0.0170	18	0.37	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.5400	0.0000	0.5112	0.0370	0.0170	18	0.78	3%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.5515	0.0170	0.5112	0.0370	0.0170	18	1.09	4%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.5550	0.0100	0.5112	0.0370	0.0170	18	1.18	4%	0
035.42	Sodium, ICP, Open vessel (%)	2433	0.5869	0.0041	0.5112	0.0370	0.0170	18	2.04	7%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.6100	0.1400	0.5112	0.0370	0.0170	18	2.67	10%	1
035.43	Sodium, ICP, Microwave (%)	0345	0.4208	0.0035	0.5002	0.0258	0.0104	29	-3.08	8%	0
035.43	Sodium, ICP, Microwave (%)	0032	0.4507	0.0143	0.5002	0.0258	0.0104	29	-1.92	5%	0
035.43	Sodium, ICP, Microwave (%)	0001	0.4750	0.0200	0.5002	0.0258	0.0104	29	-0.98	3%	0
035.43	Sodium, ICP, Microwave (%)	0511	0.4750	0.0100	0.5002	0.0258	0.0104	29	-0.98	3%	0
035.43	Sodium, ICP, Microwave (%)	0354	0.4780	0.0040	0.5002	0.0258	0.0104	29	-0.86	2%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.4800	0.0000	0.5002	0.0258	0.0104	29	-0.78	2%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.4820	0.0100	0.5002	0.0258	0.0104	29	-0.70	2%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.4831	0.0009	0.5002	0.0258	0.0104	29	-0.66	2%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.4850	0.0100	0.5002	0.0258	0.0104	29	-0.59	2%	0
035.43	Sodium, ICP, Microwave (%)	0968	0.4910	0.0000	0.5002	0.0258	0.0104	29	-0.36	1%	0
035.43	Sodium, ICP, Microwave (%)	0875	0.4920	0.0040	0.5002	0.0258	0.0104	29	-0.32	1%	0
035.43	Sodium, ICP, Microwave (%)	2476	0.4930	0.0140	0.5002	0.0258	0.0104	29	-0.28	1%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.4950	0.0300	0.5002	0.0258	0.0104	29	-0.20	1%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.4950	0.0100	0.5002	0.0258	0.0104	29	-0.20	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.4950	0.0100	0.5002	0.0258	0.0104	29	-0.20	1%	0
035.43	Sodium, ICP, Microwave (%)	0010	0.5000	0.0000	0.5002	0.0258	0.0104	29	-0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.5000	0.0400	0.5002	0.0258	0.0104	29	-0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.5025	0.0170	0.5002	0.0258	0.0104	29	0.09	0%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.5045	0.0050	0.5002	0.0258	0.0104	29	0.17	0%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.5048	0.0123	0.5002	0.0258	0.0104	29	0.18	0%	0
035.43	Sodium, ICP, Microwave (%)	0226	0.5050	0.0100	0.5002	0.0258	0.0104	29	0.19	0%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.5155	0.0070	0.5002	0.0258	0.0104	29	0.59	2%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.5200	0.0000	0.5002	0.0258	0.0104	29	0.77	2%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.5250	0.0100	0.5002	0.0258	0.0104	29	0.96	2%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.5300	0.0000	0.5002	0.0258	0.0104	29	1.16	3%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.5502	0.0047	0.5002	0.0258	0.0104	29	1.94	5%	0
035.43	Sodium, ICP, Microwave (%)	2326	0.5550	0.0100	0.5002	0.0258	0.0104	29	2.13	5%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.5645	0.0010	0.5002	0.0258	0.0104	29	2.49	6%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.5945	0.0430	0.5002	0.0258	0.0104	29	3.66	9%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.5601	0.1168	0.5002	0.0258	0.0104	29	2.32	6%	1
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.5240	0.0138				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.5579	0.0114				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.5083	0.0228				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.5150	0.0300				2			0
035.99	Sodium, Miscellaneous (%)	0590	0.4800	0.0400				2			0
035.99	Sodium, Miscellaneous (%)	0100	0.4850	0.0100				2			0
036.00	Sulfur, Gravimetric (%)	0038	0.3260	0.0100				1			0
036.04	Sulfur, LECO (%)	0229	0.2800	0.0200	0.2996	0.0128	0.0096	5			0
036.04	Sulfur, LECO (%)	0948	0.2941	0.0058	0.2996	0.0128	0.0096	5			0
036.04	Sulfur, LECO (%)	0226	0.3050	0.0100	0.2996	0.0128	0.0096	5			0
036.04	Sulfur, LECO (%)	0001	0.3065	0.0030	0.2996	0.0128	0.0096	5			0
036.04	Sulfur, LECO (%)	0148	0.3125	0.0090	0.2996	0.0128	0.0096	5			0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.2726	0.0079	0.2956	0.0186	0.0128	17	-1.24	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.2750	0.0300	0.2956	0.0186	0.0128	17	-1.11	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.2750	0.0300	0.2956	0.0186	0.0128	17	-1.11	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.2765	0.0090	0.2956	0.0186	0.0128	17	-1.03	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.2810	0.0020	0.2956	0.0186	0.0128	17	-0.79	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.2864	0.0072	0.2956	0.0186	0.0128	17	-0.50	2%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.2900	0.0000	0.2956	0.0186	0.0128	17	-0.30	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.2936	0.0080	0.2956	0.0186	0.0128	17	-0.11	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.2957	0.0038	0.2956	0.0186	0.0128	17	0.00	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.2980	0.0040	0.2956	0.0186	0.0128	17	0.13	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0160	0.3050	0.0300	0.2956	0.0186	0.0128	17	0.50	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.3050	0.0100	0.2956	0.0186	0.0128	17	0.50	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.3065	0.0010	0.2956	0.0186	0.0128	17	0.58	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.3085	0.0230	0.2956	0.0186	0.0128	17	0.69	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.3100	0.0000	0.2956	0.0186	0.0128	17	0.77	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.3300	0.0000	0.2956	0.0186	0.0128	17	1.84	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.3300	0.0000	0.2956	0.0186	0.0128	17	1.84	6%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.2669	0.0091	0.3079	0.0178	0.0112	24	-2.31	7%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.2785	0.0050	0.3079	0.0178	0.0112	24	-1.65	5%	0
036.43	Sulfur, ICP, Microwave (%)	0226	0.2800	0.0000	0.3079	0.0178	0.0112	24	-1.57	5%	0
036.43	Sulfur, ICP, Microwave (%)	2326	0.2900	0.0000	0.3079	0.0178	0.0112	24	-1.01	3%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.2900	0.0200	0.3079	0.0178	0.0112	24	-1.01	3%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.2950	0.0100	0.3079	0.0178	0.0112	24	-0.72	2%	0
036.43	Sulfur, ICP, Microwave (%)	2476	0.2960	0.0140	0.3079	0.0178	0.0112	24	-0.67	2%	0
036.43	Sulfur, ICP, Microwave (%)	0032	0.3030	0.0142	0.3079	0.0178	0.0112	24	-0.28	1%	0
036.43	Sulfur, ICP, Microwave (%)	0010	0.3050	0.0100	0.3079	0.0178	0.0112	24	-0.16	0%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.3050	0.0100	0.3079	0.0178	0.0112	24	-0.16	0%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.3050	0.0100	0.3079	0.0178	0.0112	24	-0.16	0%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.3080	0.0200	0.3079	0.0178	0.0112	24	0.01	0%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.3100	0.0200	0.3079	0.0178	0.0112	24	0.12	0%	0
036.43	Sulfur, ICP, Microwave (%)	0505	0.3110	0.0380	0.3079	0.0178	0.0112	24	0.17	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
036.43	Sulfur, ICP, Microwave (%)	0968	0.3160	0.0060	0.3079	0.0178	0.0112	24	0.46	1%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.3184	0.0014	0.3079	0.0178	0.0112	24	0.59	2%	0
036.43	Sulfur, ICP, Microwave (%)	0001	0.3185	0.0050	0.3079	0.0178	0.0112	24	0.60	2%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.3200	0.0100	0.3079	0.0178	0.0112	24	0.68	2%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.3200	0.0000	0.3079	0.0178	0.0112	24	0.68	2%	0
036.43	Sulfur, ICP, Microwave (%)	0066	0.3225	0.0090	0.3079	0.0178	0.0112	24	0.82	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.3229	0.0085	0.3079	0.0178	0.0112	24	0.84	2%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.3250	0.0100	0.3079	0.0178	0.0112	24	0.96	3%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.3300	0.0000	0.3079	0.0178	0.0112	24	1.24	4%	0
036.43	Sulfur, ICP, Microwave (%)	0043	0.3660	0.0000	0.3079	0.0178	0.0112	24	3.27	9%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.3208	0.0059				1			0
037.31	Zinc, AAS, Dry ash (ppm)	0622	104.9	0.0476	193.5	23.05	3.048	11	-3.84	23%	0
037.31	Zinc, AAS, Dry ash (ppm)	0651	162.3	0.9836	193.5	23.05	3.048	11	-1.35	8%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	184.0	3.700	193.5	23.05	3.048	11	-0.41	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	189.6	6.727	193.5	23.05	3.048	11	-0.17	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0014	191.0	6.000	193.5	23.05	3.048	11	-0.11	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	192.4	2.500	193.5	23.05	3.048	11	-0.05	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0884	202.1	1.600	193.5	23.05	3.048	11	0.37	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	203.3	5.100	193.5	23.05	3.048	11	0.42	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0656	203.8	0.0000	193.5	23.05	3.048	11	0.45	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	2246	213.0	0.6700	193.5	23.05	3.048	11	0.85	5%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	230.3	3.150	193.5	23.05	3.048	11	1.60	10%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	191.5	23.00				1			0
037.33	Zinc, AAS, Microwave (ppm)	0948	152.3	2.500				2			0
037.33	Zinc, AAS, Microwave (ppm)	2115	223.9	1.340				2			0
037.41	Zinc, ICP, Dry ash (ppm)	0598	125.0	6.316	170.1	29.37	8.575	15	-1.53	13%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	128.7	3.300	170.1	29.37	8.575	15	-1.41	12%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	152.4	28.53	170.1	29.37	8.575	15	-0.60	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0674	154.7	0.0000	170.1	29.37	8.575	15	-0.52	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	159.0	0.3520	170.1	29.37	8.575	15	-0.38	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	159.4	9.080	170.1	29.37	8.575	15	-0.36	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	162.9	3.120	170.1	29.37	8.575	15	-0.24	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	163.7	6.900	170.1	29.37	8.575	15	-0.22	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	174.5	9.000	170.1	29.37	8.575	15	0.15	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	182.4	12.82	170.1	29.37	8.575	15	0.42	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	183.7	9.290	170.1	29.37	8.575	15	0.47	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	185.3	4.471	170.1	29.37	8.575	15	0.52	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	189.8	21.01	170.1	29.37	8.575	15	0.67	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	216.4	16.00	170.1	29.37	8.575	15	1.58	14%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	268.2	1.000	170.1	29.37	8.575	15	3.34	29%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	193.2	5.657	216.1	18.22	16.25	20	-1.25	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	193.5	3.000	216.1	18.22	16.25	20	-1.24	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
037.42	Zinc, ICP, Open vessel (ppm)	0870	195.3	9.600	216.1	18.22	16.25	20	-1.14	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0504	196.0	20.00	216.1	18.22	16.25	20	-1.10	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	203.0	36.00	216.1	18.22	16.25	20	-0.72	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	204.0	22.00	216.1	18.22	16.25	20	-0.66	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	205.7	10.80	216.1	18.22	16.25	20	-0.57	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	209.0	70.00	216.1	18.22	16.25	20	-0.39	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	2433	209.8	11.31	216.1	18.22	16.25	20	-0.34	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	212.2	3.985	216.1	18.22	16.25	20	-0.21	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0413	221.6	2.630	216.1	18.22	16.25	20	0.30	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0202	223.0	20.00	216.1	18.22	16.25	20	0.38	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	223.6	1.040	216.1	18.22	16.25	20	0.41	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	224.4	19.35	216.1	18.22	16.25	20	0.46	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	225.0	0.0000	216.1	18.22	16.25	20	0.49	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	229.5	37.00	216.1	18.22	16.25	20	0.74	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	232.7	22.45	216.1	18.22	16.25	20	0.91	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	234.5	45.00	216.1	18.22	16.25	20	1.01	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	242.2	2.600	216.1	18.22	16.25	20	1.43	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	253.3	2.600	216.1	18.22	16.25	20	2.04	9%	0
037.42	Zinc, ICP, Open vessel (ppm)	0160	300.0	146.0	216.1	18.22	16.25	20	4.61	19%	1
037.43	Zinc, ICP, Microwave (ppm)	0629	186.0	12.00	213.7	15.32	11.71	31	-1.81	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0354	187.6	5.060	213.7	15.32	11.71	31	-1.71	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	192.4	0.7360	213.7	15.32	11.71	31	-1.39	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0010	194.7	18.60	213.7	15.32	11.71	31	-1.24	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	195.5	1.000	213.7	15.32	11.71	31	-1.19	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0848	199.9	21.86	213.7	15.32	11.71	31	-0.90	3%	0
037.43	Zinc, ICP, Microwave (ppm)	2476	200.9	15.97	213.7	15.32	11.71	31	-0.84	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	203.3	6.500	213.7	15.32	11.71	31	-0.68	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	206.3	9.480	213.7	15.32	11.71	31	-0.49	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0033	207.5	29.00	213.7	15.32	11.71	31	-0.41	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	209.0	9.603	213.7	15.32	11.71	31	-0.31	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0512	209.5	6.500	213.7	15.32	11.71	31	-0.28	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	211.8	8.440	213.7	15.32	11.71	31	-0.13	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0032	212.5	11.90	213.7	15.32	11.71	31	-0.08	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	214.0	8.000	213.7	15.32	11.71	31	0.02	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	214.0	4.400	213.7	15.32	11.71	31	0.02	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0875	214.5	0.8750	213.7	15.32	11.71	31	0.05	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	215.5	5.000	213.7	15.32	11.71	31	0.11	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	217.0	9.500	213.7	15.32	11.71	31	0.21	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0006	218.6	29.60	213.7	15.32	11.71	31	0.32	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0226	219.5	11.72	213.7	15.32	11.71	31	0.38	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	221.7	0.6000	213.7	15.32	11.71	31	0.52	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0001	222.5	19.00	213.7	15.32	11.71	31	0.57	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
037.43	Zinc, ICP, Microwave (ppm)	0682	223.8	0.0000	213.7	15.32	11.71	31	0.66	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	227.0	16.00	213.7	15.32	11.71	31	0.87	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	227.5	25.00	213.7	15.32	11.71	31	0.90	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	227.6	0.8000	213.7	15.32	11.71	31	0.90	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	228.1	9.010	213.7	15.32	11.71	31	0.94	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0038	238.0	42.00	213.7	15.32	11.71	31	1.58	6%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	245.5	9.000	213.7	15.32	11.71	31	2.07	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	250.1	30.83	213.7	15.32	11.71	31	2.37	9%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	256.5	97.57	213.7	15.32	11.71	31	2.79	10%	1
037.43	Zinc, ICP, Microwave (ppm)	0345	434.5	8.500	213.7	15.32	11.71	31	14.41	52%	2
037.44	Zinc, ICP, Dry ash (ppm)	0066	148.4	4.884				2			0
037.44	Zinc, ICP, Dry ash (ppm)	2114	185.9	2.640				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	228.8	29.22				1			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	199.5	1.000				2			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	216.6	19.67				2			0
037.99	Zinc, Miscellaneous (ppm)	0100	196.0	12.00				1			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	2.510	0.0600				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	2.545	0.0700				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	2.586	0.0661				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0148	3.025	0.2700				3			2
038.42	Molybdenum, ICP, Open vessel (ppm)	0042	2.160	0.3400	2.674	0.3563	0.1895	7	-1.44	10%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0202	2.400	0.5800	2.674	0.3563	0.1895	7	-0.77	5%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	2.665	0.0700	2.674	0.3563	0.1895	7	-0.03	0%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0692	2.705	0.0700	2.674	0.3563	0.1895	7	0.09	1%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	2.740	0.0200	2.674	0.3563	0.1895	7	0.18	1%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0366	3.000	0.0000	2.674	0.3563	0.1895	7	0.91	6%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0160	3.050	0.1000	2.674	0.3563	0.1895	7	1.05	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	2.160	0.0800	2.829	0.4168	0.1183	11	-1.60	12%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	2.450	0.1000	2.829	0.4168	0.1183	11	-0.91	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	2.612	0.1339	2.829	0.4168	0.1183	11	-0.52	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0038	2.615	0.5700	2.829	0.4168	0.1183	11	-0.51	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	2.765	0.1300	2.829	0.4168	0.1183	11	-0.15	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	2.780	0.0569	2.829	0.4168	0.1183	11	-0.12	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	2.850	0.1000	2.829	0.4168	0.1183	11	0.05	0%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0629	2.950	0.0200	2.829	0.4168	0.1183	11	0.29	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0032	3.143	0.0840	2.829	0.4168	0.1183	11	0.75	6%	0
038.43	Molybdenum, ICP, Microwave (ppm)	2476	3.292	0.5080	2.829	0.4168	0.1183	11	1.11	8%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	4.780	0.1400	2.829	0.4168	0.1183	11	4.68	34%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	0.9370	0.1348				1			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	3.140	0.0368				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0033	3.345	0.0100				2			0
040.43	Barium, ICP, Microwave (ppm)	0032	13.05	0.0900				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
040.53	Barium, ICP-MS, Microwave (ppm)	0407	12.82	0.2108				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.8098	0.0281				1			0
042.00	Chloride, Titrimetric (%)	2326	0.7150	0.1100	0.8417	0.0763	0.0319	8	-1.66	8%	0
042.00	Chloride, Titrimetric (%)	0226	0.8000	0.0000	0.8417	0.0763	0.0319	8	-0.55	2%	0
042.00	Chloride, Titrimetric (%)	2129	0.8000	0.0200	0.8417	0.0763	0.0319	8	-0.55	2%	0
042.00	Chloride, Titrimetric (%)	0948	0.8300	0.0000	0.8417	0.0763	0.0319	8	-0.15	1%	0
042.00	Chloride, Titrimetric (%)	0629	0.8550	0.0100	0.8417	0.0763	0.0319	8	0.17	1%	0
042.00	Chloride, Titrimetric (%)	2392	0.8715	0.0010	0.8417	0.0763	0.0319	8	0.39	2%	0
042.00	Chloride, Titrimetric (%)	2199	0.9200	0.0400	0.8417	0.0763	0.0319	8	1.03	5%	0
042.00	Chloride, Titrimetric (%)	2200	0.9300	0.0400	0.8417	0.0763	0.0319	8	1.16	5%	0
042.01	Chloride, Ion-selective electrode (%)	2433	0.8612	0.0177				1			0
042.99	Chloride, Miscellaneous (%)	0297	0.8600	0.0800				1			0
102.02	Niacin, LC (ppm)	2319	17.30	0.6000				1			0
104.03	Riboflavin, LC (ppm)	2319	0.0850	0.0100				1			0
105.00	Thiamine, LC (ppm)	2319	0.2200	0.0200				1			0
106.01	Vitamin A, UV (KU / kg)	0098	13.15	5.100				1			0
106.02	Vitamin A, LC (KU / kg)	0870	6.207	1.613	13.83	3.185	1.370	10	-2.39	28%	0
106.02	Vitamin A, LC (KU / kg)	0004	9.930	1.280	13.83	3.185	1.370	10	-1.23	14%	0
106.02	Vitamin A, LC (KU / kg)	2319	11.50	3.000	13.83	3.185	1.370	10	-0.73	8%	0
106.02	Vitamin A, LC (KU / kg)	0038	13.65	1.900	13.83	3.185	1.370	10	-0.06	1%	0
106.02	Vitamin A, LC (KU / kg)	0610	14.10	0.2000	13.83	3.185	1.370	10	0.08	1%	0
106.02	Vitamin A, LC (KU / kg)	0148	15.00	0.5150	13.83	3.185	1.370	10	0.37	4%	0
106.02	Vitamin A, LC (KU / kg)	0512	15.22	1.250	13.83	3.185	1.370	10	0.43	5%	0
106.02	Vitamin A, LC (KU / kg)	0563	15.94	0.7370	13.83	3.185	1.370	10	0.66	8%	0
106.02	Vitamin A, LC (KU / kg)	0010	16.87	2.690	13.83	3.185	1.370	10	0.95	11%	0
106.02	Vitamin A, LC (KU / kg)	0017	17.08	0.5700	13.83	3.185	1.370	10	1.02	12%	0
106.02	Vitamin A, LC (KU / kg)	0619	17.35	7.900	13.83	3.185	1.370	10	1.10	13%	1
108.02	Vitamin D3, LC (KU / kg)	2319	0.9950	0.0500	1.309	0.2760	0.1975	4			0
108.02	Vitamin D3, LC (KU / kg)	0619	1.235	0.3500	1.309	0.2760	0.1975	4			0
108.02	Vitamin D3, LC (KU / kg)	0148	1.345	0.0300	1.309	0.2760	0.1975	4			0
108.02	Vitamin D3, LC (KU / kg)	0870	1.660	0.3600	1.309	0.2760	0.1975	4			0
108.02	Vitamin D3, LC (KU / kg)	0610	< 5		1.309	0.2760	0.1975	4			5
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	1.175	0.1100				1			0
109.02	Vitamin E, LC (IU / kg)	0619	0.0270	0.0020	29.54	8.007	2.776	8	-3.69	50%	0
109.02	Vitamin E, LC (IU / kg)	0563	23.63	1.231	29.54	8.007	2.776	8	-0.74	10%	0
109.02	Vitamin E, LC (IU / kg)	2188	28.63	0.0000	29.54	8.007	2.776	8	-0.11	2%	0
109.02	Vitamin E, LC (IU / kg)	0148	29.20	4.592	29.54	8.007	2.776	8	-0.04	1%	0
109.02	Vitamin E, LC (IU / kg)	2319	30.09	0.7700	29.54	8.007	2.776	8	0.07	1%	0
109.02	Vitamin E, LC (IU / kg)	0870	30.84	4.030	29.54	8.007	2.776	8	0.16	2%	0
109.02	Vitamin E, LC (IU / kg)	0610	34.85	1.700	29.54	8.007	2.776	8	0.66	9%	0
109.02	Vitamin E, LC (IU / kg)	0027	42.15	8.840	29.54	8.007	2.776	8	1.57	21%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	40.50	3.000				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
112.01	Pyridoxine, LC (µg / g)	2319	0.2300	0.0000				1		0	
113.02	Folic acid, LC (ppm)	2319	< 0.13					0		5	
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0407	0.2528	0.0001				2		0	
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0098	0.4600	0.0400				2		0	
115.99	Non Protein N (NPN), Miscellaneous (%)	2129	0.6750	0.0300				1		0	
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.6350	0.0100	0.7065	0.0284	0.0123	15	-2.52	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.6717	0.0059	0.7065	0.0284	0.0123	15	-1.23	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.6750	0.0100	0.7065	0.0284	0.0123	15	-1.11	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.6970	0.0000	0.7065	0.0284	0.0123	15	-0.34	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.6985	0.0270	0.7065	0.0284	0.0123	15	-0.28	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.7000	0.0200	0.7065	0.0284	0.0123	15	-0.23	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.7040	0.0100	0.7065	0.0284	0.0123	15	-0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.7050	0.0100	0.7065	0.0284	0.0123	15	-0.05	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.7061	0.0115	0.7065	0.0284	0.0123	15	-0.02	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.7145	0.0050	0.7065	0.0284	0.0123	15	0.28	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.7150	0.0100	0.7065	0.0284	0.0123	15	0.30	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.7160	0.0000	0.7065	0.0284	0.0123	15	0.33	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.7330	0.0140	0.7065	0.0284	0.0123	15	0.93	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.7515	0.0490	0.7065	0.0284	0.0123	15	1.58	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	0.7550	0.0100	0.7065	0.0284	0.0123	15	1.71	3%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.7250	0.0060				1		0	
120.05	Alanine, Pre-col AQC Der (%)	0407	0.6585	0.0030	0.6893	0.0302	0.0248	8	-1.02	2%	0
120.05	Alanine, Pre-col AQC Der (%)	2246	0.6692	0.0086	0.6893	0.0302	0.0248	8	-0.67	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.6710	0.0560	0.6893	0.0302	0.0248	8	-0.61	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0870	0.6790	0.0340	0.6893	0.0302	0.0248	8	-0.34	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	0.6850	0.0300	0.6893	0.0302	0.0248	8	-0.14	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	0.6950	0.0300	0.6893	0.0302	0.0248	8	0.19	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.7220	0.0000	0.6893	0.0302	0.0248	8	1.08	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.7410	0.0120	0.6893	0.0302	0.0248	8	1.71	4%	0
120.99	Alanine, Miscellaneous (%)	2146	0.7300	0.0400				2		0	
120.99	Alanine, Miscellaneous (%)	0889	0.7675	0.0250				2		0	
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	0.6790	0.0000	0.7514	0.0455	0.0120	14	-1.59	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	0.6912	0.0043	0.7514	0.0455	0.0120	14	-1.32	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.7195	0.0290	0.7514	0.0455	0.0120	14	-0.70	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.7350	0.0100	0.7514	0.0455	0.0120	14	-0.36	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.7390	0.0020	0.7514	0.0455	0.0120	14	-0.27	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.7400	0.0200	0.7514	0.0455	0.0120	14	-0.25	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.7441	0.0016	0.7514	0.0455	0.0120	14	-0.16	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.7450	0.0100	0.7514	0.0455	0.0120	14	-0.14	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.7650	0.0100	0.7514	0.0455	0.0120	14	0.30	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.7665	0.0010	0.7514	0.0455	0.0120	14	0.33	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	0.7700	0.0200	0.7514	0.0455	0.0120	14	0.41	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	0.7815	0.0030	0.7514	0.0455	0.0120	14	0.66	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	0.8390	0.0540	0.7514	0.0455	0.0120	14	1.93	6%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.9110	0.0160	0.7514	0.0455	0.0120	14	3.51	11%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.6500	0.0800	0.7514	0.0455	0.0120	14	-2.23	7%	1
121.02	Arginine, Post-col OPA Der (%)	0098	0.7220	0.0040				1			0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.6770	0.0040	0.7546	0.0548	0.0378	8	-1.42	5%	0
121.05	Arginine, Pre-col AQC Der (%)	0870	0.7020	0.0260	0.7546	0.0548	0.0378	8	-0.96	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2246	0.7400	0.0569	0.7546	0.0548	0.0378	8	-0.27	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	0.7450	0.0100	0.7546	0.0548	0.0378	8	-0.18	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.7660	0.0360	0.7546	0.0548	0.0378	8	0.21	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	0.7920	0.0000	0.7546	0.0548	0.0378	8	0.68	2%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	0.8000	0.0620	0.7546	0.0548	0.0378	8	0.83	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	0.8150	0.0700	0.7546	0.0548	0.0378	8	1.10	4%	0
121.99	Arginine, Miscellaneous (%)	0889	0.4125	0.0450				2			0
121.99	Arginine, Miscellaneous (%)	2146	0.8050	0.0500				2			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	0.8550	0.0500	0.9277	0.0420	0.0189	15	-1.73	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	0.8668	0.0132	0.9277	0.0420	0.0189	15	-1.45	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	0.8915	0.0070	0.9277	0.0420	0.0189	15	-0.86	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	0.9020	0.0360	0.9277	0.0420	0.0189	15	-0.61	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	0.9150	0.0000	0.9277	0.0420	0.0189	15	-0.30	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	0.9200	0.0000	0.9277	0.0420	0.0189	15	-0.18	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	0.9250	0.0100	0.9277	0.0420	0.0189	15	-0.06	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	0.9300	0.0200	0.9277	0.0420	0.0189	15	0.06	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	0.9310	0.0040	0.9277	0.0420	0.0189	15	0.08	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	0.9367	0.0240	0.9277	0.0420	0.0189	15	0.22	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	0.9390	0.0080	0.9277	0.0420	0.0189	15	0.27	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	0.9550	0.0100	0.9277	0.0420	0.0189	15	0.65	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	0.9650	0.0100	0.9277	0.0420	0.0189	15	0.89	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	0.9825	0.0210	0.9277	0.0420	0.0189	15	1.31	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	0.9980	0.0640	0.9277	0.0420	0.0189	15	1.67	4%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	0.9750	0.0020				1			0
122.05	Aspartic, Pre-col AQC Der (%)	2188	0.8065	0.0590	0.8978	0.0758	0.0183	8	-1.20	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	2246	0.8402	0.0199	0.8978	0.0758	0.0183	8	-0.76	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0870	0.8500	0.0040	0.8978	0.0758	0.0183	8	-0.63	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	0.8945	0.0050	0.8978	0.0758	0.0183	8	-0.04	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	0.9000	0.0000	0.8978	0.0758	0.0183	8	0.03	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	0.9150	0.0100	0.8978	0.0758	0.0183	8	0.23	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	0.9690	0.0000	0.8978	0.0758	0.0183	8	0.94	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.007	0.0260	0.8978	0.0758	0.0183	8	1.44	6%	0
122.99	Aspartic, Miscellaneous (%)	0889	0.8725	0.0150				2			0
122.99	Aspartic, Miscellaneous (%)	2146	0.9800	0.0400				2			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0353	0.2400	0.0000	0.2687	0.0169	0.0075	15	-1.70	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.2450	0.0100	0.2687	0.0169	0.0075	15	-1.40	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.2599	0.0078	0.2687	0.0169	0.0075	15	-0.52	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.2615	0.0070	0.2687	0.0169	0.0075	15	-0.42	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.2615	0.0030	0.2687	0.0169	0.0075	15	-0.42	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.2625	0.0010	0.2687	0.0169	0.0075	15	-0.36	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.2650	0.0100	0.2687	0.0169	0.0075	15	-0.22	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.2660	0.0000	0.2687	0.0169	0.0075	15	-0.16	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.2685	0.0170	0.2687	0.0169	0.0075	15	-0.01	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.2697	0.0053	0.2687	0.0169	0.0075	15	0.06	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0939	0.2750	0.0100	0.2687	0.0169	0.0075	15	0.38	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.2800	0.0000	0.2687	0.0169	0.0075	15	0.67	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.2850	0.0100	0.2687	0.0169	0.0075	15	0.97	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0682	0.2930	0.0000	0.2687	0.0169	0.0075	15	1.44	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.3190	0.0040	0.2687	0.0169	0.0075	15	2.98	9%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.2770	0.0060				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.2177	0.0015	0.2627	0.0306	0.0142	7	-1.47	9%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0870	0.2460	0.0120	0.2627	0.0306	0.0142	7	-0.55	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.2500	0.0200	0.2627	0.0306	0.0142	7	-0.41	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.2650	0.0100	0.2627	0.0306	0.0142	7	0.08	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.2790	0.0000	0.2627	0.0306	0.0142	7	0.53	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2845	0.0890	0.2627	0.0306	0.0142	7	0.71	4%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.2965	0.0090	0.2627	0.0306	0.0142	7	1.11	6%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	850.6	1,701	0.2627	0.0306	0.0142	7	>100	161865%	2
124.99	Cysteine/Cystine, Miscellaneous (%)	2146	0.2750	0.0100				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.2800	0.0000				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2246	0.2919	0.0193				3			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	2.195	0.0100	2.328	0.0534	0.0300	14	-2.49	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	2.281	0.0870	2.328	0.0534	0.0300	14	-0.89	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.289	0.0110	2.328	0.0534	0.0300	14	-0.74	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.290	0.0260	2.328	0.0534	0.0300	14	-0.71	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	2.303	0.0000	2.328	0.0534	0.0300	14	-0.47	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	2.313	0.0107	2.328	0.0534	0.0300	14	-0.28	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.320	0.0400	2.328	0.0534	0.0300	14	-0.15	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.325	0.0603	2.328	0.0534	0.0300	14	-0.05	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.335	0.0100	2.328	0.0534	0.0300	14	0.13	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.335	0.0100	2.328	0.0534	0.0300	14	0.13	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.355	0.0130	2.328	0.0534	0.0300	14	0.50	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	2.390	0.0600	2.328	0.0534	0.0300	14	1.16	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.400	0.0200	2.328	0.0534	0.0300	14	1.35	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.485	0.0500	2.328	0.0534	0.0300	14	2.94	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.490	0.1600	2.328	0.0534	0.0300	14	3.04	3%	1
125.02	Glutamic, Post-col OPA Der (%)	0098	2.393	0.0180				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
125.05	Glutamic, Pre-col AQC Der (%)	0407	1.989	0.0100	2.321	0.1809	0.0503	8	-1.84	7%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.224	0.0320	2.321	0.1809	0.0503	8	-0.54	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	2.254	0.0398	2.321	0.1809	0.0503	8	-0.37	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	2.295	0.0500	2.321	0.1809	0.0503	8	-0.15	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	2.325	0.0700	2.321	0.1809	0.0503	8	0.02	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.390	0.0000	2.321	0.1809	0.0503	8	0.38	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0870	2.441	0.0900	2.321	0.1809	0.0503	8	0.66	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	2.630	0.0600	2.321	0.1809	0.0503	8	1.71	7%	0
125.99	Glutamic, Miscellaneous (%)	0889	2.298	0.0150				2			0
125.99	Glutamic, Miscellaneous (%)	2146	2.430	0.0400				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.4938	0.0079	0.6198	0.0314	0.0138	15	-4.02	10%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.5550	0.0100	0.6198	0.0314	0.0138	15	-2.06	5%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.5910	0.0000	0.6198	0.0314	0.0138	15	-0.92	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.5985	0.0026	0.6198	0.0314	0.0138	15	-0.68	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	0.6150	0.0300	0.6198	0.0314	0.0138	15	-0.15	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.6165	0.0250	0.6198	0.0314	0.0138	15	-0.10	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.6200	0.0000	0.6198	0.0314	0.0138	15	0.01	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.6200	0.0000	0.6198	0.0314	0.0138	15	0.01	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.6240	0.0060	0.6198	0.0314	0.0138	15	0.13	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.6250	0.0100	0.6198	0.0314	0.0138	15	0.17	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.6310	0.0000	0.6198	0.0314	0.0138	15	0.36	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.6350	0.0100	0.6198	0.0314	0.0138	15	0.49	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.6415	0.0030	0.6198	0.0314	0.0138	15	0.69	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.6700	0.0160	0.6198	0.0314	0.0138	15	1.60	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.6770	0.0400	0.6198	0.0314	0.0138	15	1.82	5%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.6580	0.0080				1			0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.5645	0.0030	0.6249	0.0315	0.0171	8	-1.92	5%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.6035	0.0550	0.6249	0.0315	0.0171	8	-0.68	2%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.6125	0.0190	0.6249	0.0315	0.0171	8	-0.39	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0870	0.6210	0.0020	0.6249	0.0315	0.0171	8	-0.12	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.6250	0.0100	0.6249	0.0315	0.0171	8	0.00	0%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	0.6433	0.0256	0.6249	0.0315	0.0171	8	0.59	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.6560	0.0000	0.6249	0.0315	0.0171	8	0.99	2%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	0.6600	0.0200	0.6249	0.0315	0.0171	8	1.12	3%	0
126.99	Glycine, Miscellaneous (%)	0889	0.3425	0.0050				2			0
126.99	Glycine, Miscellaneous (%)	2146	0.6500	0.0400				2			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.2838	0.0066	0.3335	0.0302	0.0073	15	-1.64	7%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.2878	0.0082	0.3335	0.0302	0.0073	15	-1.51	7%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.3000	0.0000	0.3335	0.0302	0.0073	15	-1.11	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.3205	0.0010	0.3335	0.0302	0.0073	15	-0.43	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.3235	0.0130	0.3335	0.0302	0.0073	15	-0.33	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.3265	0.0050	0.3335	0.0302	0.0073	15	-0.23	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.3330	0.0020	0.3335	0.0302	0.0073	15	-0.02	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.3350	0.0100	0.3335	0.0302	0.0073	15	0.05	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.3400	0.0000	0.3335	0.0302	0.0073	15	0.22	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.3450	0.0100	0.3335	0.0302	0.0073	15	0.38	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.3450	0.0000	0.3335	0.0302	0.0073	15	0.38	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.3585	0.0170	0.3335	0.0302	0.0073	15	0.83	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.3600	0.0000	0.3335	0.0302	0.0073	15	0.88	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.3600	0.0000	0.3335	0.0302	0.0073	15	0.88	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.3925	0.0010	0.3335	0.0302	0.0073	15	1.95	9%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.3080	0.0000				1			0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.2980	0.0020	0.3400	0.0437	0.0249	8	-0.96	6%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.2985	0.0250	0.3400	0.0437	0.0249	8	-0.95	6%	0
127.05	Histidine, Pre-col AQC Der (%)	0870	0.3165	0.0090	0.3400	0.0437	0.0249	8	-0.54	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.3200	0.0000	0.3400	0.0437	0.0249	8	-0.46	3%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.3450	0.0700	0.3400	0.0437	0.0249	8	0.11	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.3571	0.0253	0.3400	0.0437	0.0249	8	0.39	3%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.3840	0.0000	0.3400	0.0437	0.0249	8	1.01	6%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.4010	0.0300	0.3400	0.0437	0.0249	8	1.39	9%	0
127.99	Histidine, Miscellaneous (%)	2146	0.3200	0.0200				2			0
127.99	Histidine, Miscellaneous (%)	0889	0.3425	0.0050				2			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.3650	0.0100	0.4389	0.0334	0.0116	15	-2.21	8%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.3985	0.0130	0.4389	0.0334	0.0116	15	-1.21	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.4147	0.0008	0.4389	0.0334	0.0116	15	-0.72	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.4150	0.0100	0.4389	0.0334	0.0116	15	-0.72	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.4210	0.0100	0.4389	0.0334	0.0116	15	-0.54	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.4283	0.0124	0.4389	0.0334	0.0116	15	-0.32	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.4300	0.0000	0.4389	0.0334	0.0116	15	-0.27	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.4390	0.0000	0.4389	0.0334	0.0116	15	0.00	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.4450	0.0100	0.4389	0.0334	0.0116	15	0.18	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.4490	0.0060	0.4389	0.0334	0.0116	15	0.30	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	0.4500	0.0200	0.4389	0.0334	0.0116	15	0.33	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.4565	0.0050	0.4389	0.0334	0.0116	15	0.53	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.4790	0.0280	0.4389	0.0334	0.0116	15	1.20	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.4800	0.0200	0.4389	0.0334	0.0116	15	1.23	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.4985	0.0110	0.4389	0.0334	0.0116	15	1.78	7%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.4400	0.0060				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.3900	0.0400	0.4462	0.0473	0.0221	8	-1.19	6%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.3995	0.0030	0.4462	0.0473	0.0221	8	-0.99	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0870	0.4355	0.0290	0.4462	0.0473	0.0221	8	-0.23	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	0.4394	0.0146	0.4462	0.0473	0.0221	8	-0.14	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.4500	0.0000	0.4462	0.0473	0.0221	8	0.08	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.4520	0.0200	0.4462	0.0473	0.0221	8	0.12	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.4860	0.0000	0.4462	0.0473	0.0221	8	0.84	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.6500	0.0260	0.4462	0.0473	0.0221	8	4.31	23%	0
128.99	Isoleucine, Miscellaneous (%)	2146	0.4800	0.0000				2			0
128.99	Isoleucine, Miscellaneous (%)	0889	0.4950	0.0000				2			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	0.8750	0.0100	0.9906	0.0416	0.0198	15	-2.78	6%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	0.9440	0.0000	0.9906	0.0416	0.0198	15	-1.12	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	0.9511	0.0215	0.9906	0.0416	0.0198	15	-0.95	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	0.9520	0.0360	0.9906	0.0416	0.0198	15	-0.93	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	0.9750	0.0100	0.9906	0.0416	0.0198	15	-0.38	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	0.9790	0.0140	0.9906	0.0416	0.0198	15	-0.28	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	0.9800	0.0000	0.9906	0.0416	0.0198	15	-0.26	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	0.9950	0.0100	0.9906	0.0416	0.0198	15	0.11	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.001	0.0310	0.9906	0.0416	0.0198	15	0.24	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.004	0.0244	0.9906	0.0416	0.0198	15	0.33	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.010	0.0200	0.9906	0.0416	0.0198	15	0.47	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.023	0.0130	0.9906	0.0416	0.0198	15	0.77	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	1.025	0.0100	0.9906	0.0416	0.0198	15	0.83	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.040	0.0000	0.9906	0.0416	0.0198	15	1.19	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.071	0.0660	0.9906	0.0416	0.0198	15	1.93	4%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.003	0.0100				1			0
129.05	Leucine, Pre-col AQC Der (%)	0407	0.8965	0.0050	0.9865	0.0571	0.0438	8	-1.58	5%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	0.9500	0.0400	0.9865	0.0571	0.0438	8	-0.64	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0870	0.9645	0.0670	0.9865	0.0571	0.0438	8	-0.39	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	0.9780	0.0960	0.9865	0.0571	0.0438	8	-0.15	0%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	1.002	0.0431	0.9865	0.0571	0.0438	8	0.27	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	1.005	0.0300	0.9865	0.0571	0.0438	8	0.32	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.025	0.0300	0.9865	0.0571	0.0438	8	0.67	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.067	0.0000	0.9865	0.0571	0.0438	8	1.41	4%	0
129.99	Leucine, Miscellaneous (%)	2146	1.050	0.0400				2			0
129.99	Leucine, Miscellaneous (%)	0889	1.313	0.0150				2			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.4525	0.0018	0.5044	0.0340	0.0115	15	-1.53	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.4650	0.0100	0.5044	0.0340	0.0115	15	-1.16	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.4770	0.0000	0.5044	0.0340	0.0115	15	-0.81	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.4865	0.0030	0.5044	0.0340	0.0115	15	-0.53	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.4882	0.0132	0.5044	0.0340	0.0115	15	-0.48	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.4900	0.0000	0.5044	0.0340	0.0115	15	-0.42	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.4915	0.0110	0.5044	0.0340	0.0115	15	-0.38	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.4975	0.0190	0.5044	0.0340	0.0115	15	-0.20	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.5145	0.0030	0.5044	0.0340	0.0115	15	0.30	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.5150	0.0100	0.5044	0.0340	0.0115	15	0.31	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.5200	0.0200	0.5044	0.0340	0.0115	15	0.46	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	0.5250	0.0100	0.5044	0.0340	0.0115	15	0.61	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.5350	0.0100	0.5044	0.0340	0.0115	15	0.90	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.5520	0.0160	0.5044	0.0340	0.0115	15	1.40	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.5645	0.0310	0.5044	0.0340	0.0115	15	1.77	6%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.5680	0.0160				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	0.4032	0.0093	0.5036	0.0405	0.0336	8	-2.48	10%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.4800	0.0000	0.5036	0.0405	0.0336	8	-0.58	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.4920	0.0020	0.5036	0.0405	0.0336	8	-0.29	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.4945	0.0070	0.5036	0.0405	0.0336	8	-0.22	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.5080	0.0000	0.5036	0.0405	0.0336	8	0.11	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0870	0.5105	0.0090	0.5036	0.0405	0.0336	8	0.17	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	0.5500	0.1000	0.5036	0.0405	0.0336	8	1.15	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.5510	0.0740	0.5036	0.0405	0.0336	8	1.17	5%	0
130.99	L-Lysine, Miscellaneous (%)	0889	0.4050	0.0100				3			0
130.99	L-Lysine, Miscellaneous (%)	2146	0.5150	0.0100				3			0
130.99	L-Lysine, Miscellaneous (%)	2246	0.6828	0.0883				3			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.2020	0.0000	0.2142	0.0103	0.0066	15	-1.18	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.2025	0.0010	0.2142	0.0103	0.0066	15	-1.14	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.2025	0.0030	0.2142	0.0103	0.0066	15	-1.14	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.2077	0.0003	0.2142	0.0103	0.0066	15	-0.64	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.2100	0.0000	0.2142	0.0103	0.0066	15	-0.41	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.2100	0.0000	0.2142	0.0103	0.0066	15	-0.41	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.2130	0.0100	0.2142	0.0103	0.0066	15	-0.12	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.2138	0.0046	0.2142	0.0103	0.0066	15	-0.04	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.2140	0.0000	0.2142	0.0103	0.0066	15	-0.02	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.2150	0.0100	0.2142	0.0103	0.0066	15	0.08	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.2180	0.0020	0.2142	0.0103	0.0066	15	0.37	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.2200	0.0000	0.2142	0.0103	0.0066	15	0.56	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.2255	0.0150	0.2142	0.0103	0.0066	15	1.09	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.2350	0.0100	0.2142	0.0103	0.0066	15	2.01	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2350	0.0100	0.2142	0.0103	0.0066	15	2.01	5%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2180	0.0040				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.1134	0.0006	0.2068	0.0300	0.0056	8	-3.11	23%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.1850	0.0100	0.2068	0.0300	0.0056	8	-0.72	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.2001	0.0016	0.2068	0.0300	0.0056	8	-0.22	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.2015	0.0110	0.2068	0.0300	0.0056	8	-0.18	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.2140	0.0020	0.2068	0.0300	0.0056	8	0.24	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0870	0.2150	0.0040	0.2068	0.0300	0.0056	8	0.27	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.2250	0.0100	0.2068	0.0300	0.0056	8	0.61	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.2510	0.0000	0.2068	0.0300	0.0056	8	1.47	11%	0
131.99	Methionine, Miscellaneous (%)	2246	0.1313	0.0151				3			0
131.99	Methionine, Miscellaneous (%)	0889	0.2100	0.0000				3			0
131.99	Methionine, Miscellaneous (%)	2146	0.2150	0.0100				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.4934	0.0042	0.5470	0.0348	0.0172	15	-1.54	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.5045	0.0110	0.5470	0.0348	0.0172	15	-1.22	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.5080	0.0000	0.5470	0.0348	0.0172	15	-1.12	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.5150	0.0100	0.5470	0.0348	0.0172	15	-0.92	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.5390	0.0100	0.5470	0.0348	0.0172	15	-0.23	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.5400	0.0000	0.5470	0.0348	0.0172	15	-0.20	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.5420	0.0000	0.5470	0.0348	0.0172	15	-0.14	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.5445	0.0070	0.5470	0.0348	0.0172	15	-0.07	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.5597	0.0090	0.5470	0.0348	0.0172	15	0.37	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.5600	0.0400	0.5470	0.0348	0.0172	15	0.37	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.5700	0.0200	0.5470	0.0348	0.0172	15	0.66	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.5750	0.0100	0.5470	0.0348	0.0172	15	0.81	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.5770	0.0360	0.5470	0.0348	0.0172	15	0.86	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.5800	0.0220	0.5470	0.0348	0.0172	15	0.95	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	0.5950	0.0300	0.5470	0.0348	0.0172	15	1.38	4%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.5515	0.0010				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.4930	0.0340	0.5434	0.0385	0.0311	8	-1.31	5%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0870	0.5220	0.0080	0.5434	0.0385	0.0311	8	-0.55	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.5225	0.0190	0.5434	0.0385	0.0311	8	-0.54	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.5320	0.0020	0.5434	0.0385	0.0311	8	-0.29	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.5400	0.0000	0.5434	0.0385	0.0311	8	-0.09	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.5590	0.0000	0.5434	0.0385	0.0311	8	0.41	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	0.5835	0.0535	0.5434	0.0385	0.0311	8	1.04	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	0.5950	0.0700	0.5434	0.0385	0.0311	8	1.34	5%	0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.5800	0.0000				2			0
132.99	Phenylalanine, Miscellaneous (%)	2146	0.6150	0.0100				2			0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.7015	0.0350	0.8511	0.0600	0.0185	15	-2.49	9%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	0.7450	0.0100	0.8511	0.0600	0.0185	15	-1.77	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	0.7950	0.0000	0.8511	0.0600	0.0185	15	-0.94	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.7975	0.0270	0.8511	0.0600	0.0185	15	-0.89	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.8300	0.0200	0.8511	0.0600	0.0185	15	-0.35	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	0.8457	0.0217	0.8511	0.0600	0.0185	15	-0.09	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.8460	0.0020	0.8511	0.0600	0.0185	15	-0.09	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.8575	0.0030	0.8511	0.0600	0.0185	15	0.11	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.8700	0.0140	0.8511	0.0600	0.0185	15	0.31	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.8830	0.0060	0.8511	0.0600	0.0185	15	0.53	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.8850	0.0100	0.8511	0.0600	0.0185	15	0.56	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	0.9000	0.0400	0.8511	0.0600	0.0185	15	0.81	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.9000	0.0200	0.8511	0.0600	0.0185	15	0.81	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.9050	0.0100	0.8511	0.0600	0.0185	15	0.90	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	0.9300	0.0520	0.8511	0.0600	0.0185	15	1.31	5%	0
133.05	Proline, Pre-col AQC Der (%)	2188	0.6885	0.0370	0.8251	0.0995	0.0292	8	-1.37	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
133.05	Proline, Pre-col AQC Der (%)	0407	0.7180	0.0040	0.8251	0.0995	0.0292	8	-1.08	6%	0
133.05	Proline, Pre-col AQC Der (%)	2196	0.8200	0.0000	0.8251	0.0995	0.0292	8	-0.05	0%	0
133.05	Proline, Pre-col AQC Der (%)	0870	0.8245	0.0430	0.8251	0.0995	0.0292	8	-0.01	0%	0
133.05	Proline, Pre-col AQC Der (%)	2246	0.8503	0.0294	0.8251	0.0995	0.0292	8	0.25	2%	0
133.05	Proline, Pre-col AQC Der (%)	0610	0.8650	0.0100	0.8251	0.0995	0.0292	8	0.40	2%	0
133.05	Proline, Pre-col AQC Der (%)	0148	0.8695	0.0150	0.8251	0.0995	0.0292	8	0.45	3%	0
133.05	Proline, Pre-col AQC Der (%)	2319	0.9650	0.0900	0.8251	0.0995	0.0292	8	1.41	8%	0
133.99	Proline, Miscellaneous (%)	2146	0.9350	0.0700				2			0
133.99	Proline, Miscellaneous (%)	0889	0.9625	0.0150				2			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.5000	0.0200	0.5767	0.0275	0.0121	15	-2.79	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.5350	0.0100	0.5767	0.0275	0.0121	15	-1.52	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.5526	0.0141	0.5767	0.0275	0.0121	15	-0.88	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.5600	0.0000	0.5767	0.0275	0.0121	15	-0.61	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.5630	0.0000	0.5767	0.0275	0.0121	15	-0.50	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.5715	0.0050	0.5767	0.0275	0.0121	15	-0.19	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.5775	0.0010	0.5767	0.0275	0.0121	15	0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.5796	0.0157	0.5767	0.0275	0.0121	15	0.10	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.5800	0.0020	0.5767	0.0275	0.0121	15	0.12	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.5815	0.0090	0.5767	0.0275	0.0121	15	0.17	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.5940	0.0260	0.5767	0.0275	0.0121	15	0.63	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.5950	0.0100	0.5767	0.0275	0.0121	15	0.67	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	0.6050	0.0100	0.5767	0.0275	0.0121	15	1.03	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.6050	0.0360	0.5767	0.0275	0.0121	15	1.03	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.6150	0.0100	0.5767	0.0275	0.0121	15	1.39	3%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.5150	0.0180				1			0
134.05	Serine, Pre-col AQC Der (%)	0610	0.5200	0.0200	0.5759	0.0483	0.0182	8	-1.16	5%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.5250	0.0060	0.5759	0.0483	0.0182	8	-1.05	4%	0
134.05	Serine, Pre-col AQC Der (%)	0407	0.5510	0.0020	0.5759	0.0483	0.0182	8	-0.52	2%	0
134.05	Serine, Pre-col AQC Der (%)	0870	0.5675	0.0290	0.5759	0.0483	0.0182	8	-0.17	1%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.5910	0.0000	0.5759	0.0483	0.0182	8	0.31	1%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.5950	0.0140	0.5759	0.0483	0.0182	8	0.40	2%	0
134.05	Serine, Pre-col AQC Der (%)	2246	0.6228	0.0263	0.5759	0.0483	0.0182	8	0.97	4%	0
134.05	Serine, Pre-col AQC Der (%)	2319	0.6350	0.0300	0.5759	0.0483	0.0182	8	1.22	5%	0
134.99	Serine, Miscellaneous (%)	2146	0.6050	0.0300				2			0
134.99	Serine, Miscellaneous (%)	0889	0.7250	0.0000				2			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.4221	0.0031	0.4638	0.0190	0.0089	14	-2.20	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.4300	0.0000	0.4638	0.0190	0.0089	14	-1.78	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.4450	0.0000	0.4638	0.0190	0.0089	14	-0.99	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.4500	0.0000	0.4638	0.0190	0.0089	14	-0.73	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.4580	0.0020	0.4638	0.0190	0.0089	14	-0.31	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.4650	0.0100	0.4638	0.0190	0.0089	14	0.06	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.4655	0.0030	0.4638	0.0190	0.0089	14	0.09	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.4700	0.0000	0.4638	0.0190	0.0089	14	0.33	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.4705	0.0010	0.4638	0.0190	0.0089	14	0.35	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.4743	0.0132	0.4638	0.0190	0.0089	14	0.55	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.4750	0.0100	0.4638	0.0190	0.0089	14	0.59	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.4820	0.0200	0.4638	0.0190	0.0089	14	0.96	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.4825	0.0170	0.4638	0.0190	0.0089	14	0.98	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.4850	0.0100	0.4638	0.0190	0.0089	14	1.11	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.5015	0.0390	0.4638	0.0190	0.0089	14	1.98	4%	1
135.02	Threonine, Post-col OPA Der (%)	0098	0.4665	0.0010				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.4210	0.0020	0.4757	0.0385	0.0262	8	-1.42	6%	0
135.05	Threonine, Pre-col AQC Der (%)	0870	0.4475	0.0270	0.4757	0.0385	0.0262	8	-0.73	3%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.4500	0.0000	0.4757	0.0385	0.0262	8	-0.67	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.4780	0.0000	0.4757	0.0385	0.0262	8	0.06	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.4850	0.0160	0.4757	0.0385	0.0262	8	0.24	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	0.4950	0.0300	0.4757	0.0385	0.0262	8	0.50	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	0.5053	0.0247	0.4757	0.0385	0.0262	8	0.77	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.5235	0.0730	0.4757	0.0385	0.0262	8	1.24	5%	0
135.99	Threonine, Miscellaneous (%)	2146	0.4950	0.0300				3			0
135.99	Threonine, Miscellaneous (%)	0889	0.5150	0.0000				3			0
135.99	Threonine, Miscellaneous (%)	2246	0.5414	0.0489				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.1200	0.0000				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.1420	0.0120				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.1600	0.0020				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.1615	0.0030				1			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.1595	0.0090				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2196	0.1470	0.0000	0.1616	0.0098	0.0057	8	-1.50	5%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.1524	0.0010	0.1616	0.0098	0.0057	8	-0.94	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2114	0.1612	0.0020	0.1616	0.0098	0.0057	8	-0.04	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.1630	0.0000	0.1616	0.0098	0.0057	8	0.14	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.1640	0.0000	0.1616	0.0098	0.0057	8	0.24	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.1650	0.0100	0.1616	0.0098	0.0057	8	0.35	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.1650	0.0100	0.1616	0.0098	0.0057	8	0.35	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0226	0.1754	0.0054	0.1616	0.0098	0.0057	8	1.41	4%	0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.0987	0.0022	0.1312	0.0225	0.0101	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0870	0.1350	0.0080	0.1312	0.0225	0.0101	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.1410	0.0000	0.1312	0.0225	0.0101	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.1500	0.0200	0.1312	0.0225	0.0101	4			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1050	0.0100	0.2101	0.1552	0.0084	4			0
136.99	Tryptophan, Miscellaneous (%)	2246	0.1305	0.0051	0.2101	0.1552	0.0084	4			0
136.99	Tryptophan, Miscellaneous (%)	0610	0.1650	0.0100	0.2101	0.1552	0.0084	4			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.4400	0.0000	0.2101	0.1552	0.0084	4			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.2770	0.0140	0.3514	0.0596	0.0127	11	-1.25	11%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.2820	0.0000	0.3514	0.0596	0.0127	11	-1.17	10%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.3250	0.0100	0.3514	0.0596	0.0127	11	-0.44	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.3250	0.0100	0.3514	0.0596	0.0127	11	-0.44	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.3304	0.0153	0.3514	0.0596	0.0127	11	-0.35	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.3450	0.0100	0.3514	0.0596	0.0127	11	-0.11	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.3550	0.0100	0.3514	0.0596	0.0127	11	0.06	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.3780	0.0120	0.3514	0.0596	0.0127	11	0.45	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.3795	0.0330	0.3514	0.0596	0.0127	11	0.47	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.4280	0.0020	0.3514	0.0596	0.0127	11	1.29	11%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.4900	0.0200	0.3514	0.0596	0.0127	11	2.33	20%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.2920	0.0160				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.3065	0.0183	0.3759	0.0543	0.0229	8	-1.28	9%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0870	0.3365	0.0210	0.3759	0.0543	0.0229	8	-0.73	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.3405	0.0010	0.3759	0.0543	0.0229	8	-0.65	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.3590	0.0000	0.3759	0.0543	0.0229	8	-0.31	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.3850	0.0500	0.3759	0.0543	0.0229	8	0.17	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.4150	0.0100	0.3759	0.0543	0.0229	8	0.72	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.4240	0.0180	0.3759	0.0543	0.0229	8	0.88	6%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.4410	0.0420	0.3759	0.0543	0.0229	8	1.20	9%	0
137.99	Tyrosine, Miscellaneous (%)	2146	0.4050	0.0100				2			0
137.99	Tyrosine, Miscellaneous (%)	0889	0.4400	0.0000				2			0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.4950	0.0500	0.6205	0.0421	0.0164	15	-2.98	10%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.5690	0.0000	0.6205	0.0421	0.0164	15	-1.22	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.5910	0.0200	0.6205	0.0421	0.0164	15	-0.70	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.5950	0.0040	0.6205	0.0421	0.0164	15	-0.61	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.6050	0.0100	0.6205	0.0421	0.0164	15	-0.37	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.6064	0.0161	0.6205	0.0421	0.0164	15	-0.34	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.6075	0.0092	0.6205	0.0421	0.0164	15	-0.31	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.6150	0.0100	0.6205	0.0421	0.0164	15	-0.13	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.6200	0.0200	0.6205	0.0421	0.0164	15	-0.01	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.6310	0.0040	0.6205	0.0421	0.0164	15	0.25	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.6315	0.0010	0.6205	0.0421	0.0164	15	0.26	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.6550	0.0440	0.6205	0.0421	0.0164	15	0.82	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.6600	0.0200	0.6205	0.0421	0.0164	15	0.94	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	0.6800	0.0200	0.6205	0.0421	0.0164	15	1.41	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.7020	0.0260	0.6205	0.0421	0.0164	15	1.94	7%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.6745	0.0050				1			0
138.05	Valine, Pre-col AQC Der (%)	0407	0.5480	0.0020	0.5892	0.0370	0.0230	8	-1.11	3%	0
138.05	Valine, Pre-col AQC Der (%)	2188	0.5495	0.0210	0.5892	0.0370	0.0230	8	-1.07	3%	0
138.05	Valine, Pre-col AQC Der (%)	2319	0.5600	0.0400	0.5892	0.0370	0.0230	8	-0.79	2%	0
138.05	Valine, Pre-col AQC Der (%)	0870	0.5990	0.0340	0.5892	0.0370	0.0230	8	0.26	1%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.5990	0.0000	0.5892	0.0370	0.0230	8	0.26	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
138.05	Valine, Pre-col AQC Der (%)	2246	0.6076	0.0267	0.5892	0.0370	0.0230	8	0.50	2%	0
138.05	Valine, Pre-col AQC Der (%)	0610	0.6150	0.0100	0.5892	0.0370	0.0230	8	0.70	2%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.6355	0.0270	0.5892	0.0370	0.0230	8	1.25	4%	0
138.99	Valine, Miscellaneous (%)	2146	0.6500	0.0200				2			0
138.99	Valine, Miscellaneous (%)	0889	0.6650	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0450	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1700	0.0000				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0775	0.0010				1			0
139.05	Taurine, Pre-col AQC Der (%)	2319	< 0.0005					1			5
160.10	Fructose, HPAEC PAD (%)	0297	0.1600	0.0000				1			0
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
162.10	Glucose, HPAEC PAD (%)	0297	0.1700	0.0200				1			0
162.99	Glucose, Miscellaneous (%)	0689	4.300	0.4000				1			0
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
164.10	Maltose, HPAEC PAD (%)	0297	0.2250	0.0100				1			0
165.10	Sucrose, HPAEC PAD (%)	0297	1.530	0.0200				1			0
166.10	Raffinose, HPAEC PAD (%)	0297	0.4150	0.0100				1			0
167.10	Stachyose, HPAEC PAD (%)	0297	0.3150	0.0100				1			0
365.00	Monensin, Plate (ppm)	0027	41.77	0.8300				1			0
365.02	Monensin, LC (ppm)	0629	36.00	0.0000				3			0
365.02	Monensin, LC (ppm)	0964	40.40	0.4000				3			0
365.02	Monensin, LC (ppm)	0610	42.25	0.1000				3			0
365.03	Monensin, LC-PCD (ppm)	0032	28.01	0.3800	42.89	3.591	1.376	8	-4.14	17%	0
365.03	Monensin, LC-PCD (ppm)	0035	40.41	0.0300	42.89	3.591	1.376	8	-0.69	3%	0
365.03	Monensin, LC-PCD (ppm)	0590	40.75	1.300	42.89	3.591	1.376	8	-0.60	2%	0
365.03	Monensin, LC-PCD (ppm)	0148	42.44	0.5340	42.89	3.591	1.376	8	-0.13	1%	0
365.03	Monensin, LC-PCD (ppm)	0218	44.30	3.400	42.89	3.591	1.376	8	0.39	2%	0
365.03	Monensin, LC-PCD (ppm)	2392	45.21	3.565	42.89	3.591	1.376	8	0.65	3%	0
365.03	Monensin, LC-PCD (ppm)	0036	45.90	0.6000	42.89	3.591	1.376	8	0.84	4%	0
365.03	Monensin, LC-PCD (ppm)	0010	46.60	1.200	42.89	3.591	1.376	8	1.03	4%	0
365.04	Monensin, LC-MS (ppm)	0013	42.32	0.9600				1			0
365.05	Monensin, LC-MS/MS (ppm)	0848	34.90	0.4000	42.27	5.186	1.500	10	-1.42	9%	0
365.05	Monensin, LC-MS/MS (ppm)	0009	36.93	4.325	42.27	5.186	1.500	10	-1.03	6%	0
365.05	Monensin, LC-MS/MS (ppm)	0148	39.67	1.336	42.27	5.186	1.500	10	-0.50	3%	0
365.05	Monensin, LC-MS/MS (ppm)	0028	41.60	1.800	42.27	5.186	1.500	10	-0.13	1%	0
365.05	Monensin, LC-MS/MS (ppm)	0884	41.85	2.500	42.27	5.186	1.500	10	-0.08	1%	0
365.05	Monensin, LC-MS/MS (ppm)	0038	42.00	0.2000	42.27	5.186	1.500	10	-0.05	0%	0
365.05	Monensin, LC-MS/MS (ppm)	0016	42.50	1.000	42.27	5.186	1.500	10	0.04	0%	0
365.05	Monensin, LC-MS/MS (ppm)	0505	45.55	1.700	42.27	5.186	1.500	10	0.63	4%	0
365.05	Monensin, LC-MS/MS (ppm)	0968	48.79	0.0000	42.27	5.186	1.500	10	1.26	8%	0
365.05	Monensin, LC-MS/MS (ppm)	0610	48.95	1.500	42.27	5.186	1.500	10	1.29	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
365.99	Monensin, Miscellaneous (ppm)	2488	36.60	3.800				3			0
365.99	Monensin, Miscellaneous (ppm)	0668	43.20	2.760				3			0
365.99	Monensin, Miscellaneous (ppm)	0512	46.01	2.700				3			0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.4245	0.0150	0.4641	0.0306	0.0096	12	-1.29	4%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.4251	0.0390	0.4641	0.0306	0.0096	12	-1.27	4%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2386	0.4440	0.0240	0.4641	0.0306	0.0096	12	-0.66	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.4455	0.0010	0.4641	0.0306	0.0096	12	-0.61	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.4535	0.0030	0.4641	0.0306	0.0096	12	-0.35	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4584	0.0000	0.4641	0.0306	0.0096	12	-0.19	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.4655	0.0110	0.4641	0.0306	0.0096	12	0.05	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.4814	0.0004	0.4641	0.0306	0.0096	12	0.57	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2114	0.4826	0.0087	0.4641	0.0306	0.0096	12	0.60	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0885	0.4880	0.0000	0.4641	0.0306	0.0096	12	0.78	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.4905	0.0070	0.4641	0.0306	0.0096	12	0.86	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.5159	0.0002	0.4641	0.0306	0.0096	12	1.70	6%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.4030	0.0741	0.4641	0.0306	0.0096	12	-2.00	7%	1
400.99	Water Activity, Miscellaneous (Units)	2387	0.4495	0.0090				2			0
400.99	Water Activity, Miscellaneous (Units)	2388	0.4675	0.0390				2			0
516.00	Arsenic, Total (As), AA, Hydride (ppm)	0045	0.1700	0.0000				1			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	2114	0.1753	0.0013				1			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0682	< 20					1			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0186	0.1757	0.0041				1			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.2067	0.0065				2			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0032	0.3030	0.0160				2			0
518.33	Cadmium, AAS, Microwave (ppm)	2246	0.0000	0.0000				0			4
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.1015	0.0055				1			0
518.43	Cadmium, ICP, Microwave (ppm)	0032	0.1130	0.0040				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0968	0.1135	0.0030				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.1204	0.0063				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					3			5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.1198	0.0009				1			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.1312	0.0052				2			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0939	0.1400	0.0400				2			0
518.99	Cadmium, Miscellaneous (ppm)	2114	0.1178	0.0088				1			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	14.54	0.4109				1			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0042	6.345	0.9500				3			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0685	7.840	0.1400				3			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	27.15	0.5000				3			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0968	16.67	0.5710	25.46	6.860	0.4593	6	-1.28	17%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	20.73	0.3155	25.46	6.860	0.4593	6	-0.69	9%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0297	24.50	1.000	25.46	6.860	0.4593	6	-0.14	2%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	27.65	0.3100	25.46	6.860	0.4593	6	0.32	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	30.55	0.0000	25.46	6.860	0.4593	6	0.74	10%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0032	32.65	0.1000	25.46	6.860	0.4593	6	1.05	14%	0
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	5.211	0.9089				1			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0939	26.99	0.1000				2			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	29.00	1.339				2			0
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1302	0.0716				1			0
526.43	Lead, ICP, Microwave (ppm)	0407	0.1106	0.0478				1			0
526.43	Lead, ICP, Microwave (ppm)	0682	< 10					1			5
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.1441	0.0134				1			0
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.1225	0.0019				3			0
526.53	Lead, ICP-MS, Microwave (ppm)	0032	0.1615	0.0190				3			0
526.53	Lead, ICP-MS, Microwave (ppm)	0939	0.1850	0.0500				3			0
529.99	Mercury, Miscellaneous (ppb)	0407	1.465	0.0127				1			0
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					1			5
539.41	Nickel, ICP, Dry ash (ppm)	0407	11.20	0.2352				1			0
539.43	Nickel, ICP, Microwave (ppm)	0407	12.86	0.0167				3			0
539.43	Nickel, ICP, Microwave (ppm)	0297	13.00	0.0000				3			0
539.43	Nickel, ICP, Microwave (ppm)	0682	16.35	0.0000				3			0
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	2.612	0.2709				1			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	15.24	0.0099				1			0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005					0			5
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.0126	0.0005				1			0
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.7611	0.0198				1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0163	0.0001				1			0
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.1229	0.0068				1			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	1.122	0.0098				1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	2.123	0.0029				1			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0226	0.1150	0.0007				1			0
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0182	0.0008				1			0
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0228	0.0006				1			0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c), Miscellaneous (% (w/w))	0226	< 0.005					0			5
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0137	0.0007				1			0
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005					0			5
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c), Miscellaneous (% (w/w))	0226	< 0.005					0			5
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0225	0.0017				1			0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22c), Miscellaneous (% (w/w))	0226	< 0.005					0			5
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005					0			5
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	4.350	0.0400				1			0

Note 1: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or between -2 and -3 (warning) and Green = Z <= 2 and >= -2 (OK at 95%).

Note 2: Data Not Used Flags: 1=Rejected for duplicates too far apart, 2=Rejected as extreme outlier, 5=Reporting limit (<), 4=Zeros submitted as values and 3=Statistical problem. Flag 0 indicates data used in calculations.

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
<p>Note 3: *Robust statistics not used if < 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). A zero range is not included in robust R-bar calculation.</p>											