



AAFCO
Association of American Feed Control Officials



Animal Feed Scheme

Beef Starter, Medicated

Test Material Code # 202323

Method Proficiency Testing Report

Labs Reporting: 160

Methods Reported 378

Issue Date : 04/30/2023

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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	0.2000	0.0000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0183	8.165	0.0630	8.406	0.1616	0.0892	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	8.355	0.0340	8.406	0.1616	0.0892	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	8.405	0.0100	8.406	0.1616	0.0892	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0407	8.541	0.2088	8.406	0.1616	0.0892	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	8.565	0.1300	8.406	0.1616	0.0892	5			0
001.03	Loss on Drying, Low temp. methods (%)	0843	8.480	0.1200				1			0
001.05	Loss on Drying, LECO (%)	0644	8.246	0.0080				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2442	7.345	0.0500	8.357	0.2674	0.0970	44	-3.79	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	7.375	0.0700	8.357	0.2674	0.0970	44	-3.67	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	7.750	0.1000	8.357	0.2674	0.0970	44	-2.27	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	7.925	0.0900	8.357	0.2674	0.0970	44	-1.62	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	8.012	0.0091	8.357	0.2674	0.0970	44	-1.29	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	8.020	0.4800	8.357	0.2674	0.0970	44	-1.26	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	8.076	0.0260	8.357	0.2674	0.0970	44	-1.05	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	8.085	0.0300	8.357	0.2674	0.0970	44	-1.02	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	8.090	0.6200	8.357	0.2674	0.0970	44	-1.00	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	8.095	0.0100	8.357	0.2674	0.0970	44	-0.98	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0885	8.110	0.0320	8.357	0.2674	0.0970	44	-0.93	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	8.245	0.1100	8.357	0.2674	0.0970	44	-0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	8.245	0.0500	8.357	0.2674	0.0970	44	-0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	8.280	0.0800	8.357	0.2674	0.0970	44	-0.29	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	8.295	0.0100	8.357	0.2674	0.0970	44	-0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.295	0.0500	8.357	0.2674	0.0970	44	-0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	8.300	0.2000	8.357	0.2674	0.0970	44	-0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	8.315	0.0100	8.357	0.2674	0.0970	44	-0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2445	8.330	0.0600	8.357	0.2674	0.0970	44	-0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.350	0.0200	8.357	0.2674	0.0970	44	-0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	8.370	0.0800	8.357	0.2674	0.0970	44	0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	8.370	0.2000	8.357	0.2674	0.0970	44	0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	8.410	0.0000	8.357	0.2674	0.0970	44	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.415	0.0300	8.357	0.2674	0.0970	44	0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.422	0.0063	8.357	0.2674	0.0970	44	0.24	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 (%)	2259	8.425	0.0820	8.357	0.2674	0.0970	44	0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	8.430	0.0000	8.357	0.2674	0.0970	44	0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	8.445	0.0700	8.357	0.2674	0.0970	44	0.33	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	8.445	0.0700	8.357	0.2674	0.0970	44	0.33	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	8.450	0.1600	8.357	0.2674	0.0970	44	0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	8.480	0.1200	8.357	0.2674	0.0970	44	0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.485	0.0100	8.357	0.2674	0.0970	44	0.48	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	8.500	0.2000	8.357	0.2674	0.0970	44	0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	8.515	0.1300	8.357	0.2674	0.0970	44	0.59	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	8.525	0.0500	8.357	0.2674	0.0970	44	0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	8.550	0.0200	8.357	0.2674	0.0970	44	0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	8.560	0.2200	8.357	0.2674	0.0970	44	0.76	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	8.570	0.2650	8.357	0.2674	0.0970	44	0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.685	0.1900	8.357	0.2674	0.0970	44	1.23	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	8.715	0.0900	8.357	0.2674	0.0970	44	1.34	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.730	0.4600	8.357	0.2674	0.0970	44	1.39	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	8.740	0.1200	8.357	0.2674	0.0970	44	1.43	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	8.775	0.0900	8.357	0.2674	0.0970	44	1.56	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.875	0.7500	8.357	0.2674	0.0970	44	1.94	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	8.900	1.000	8.357	0.2674	0.0970	44	2.03	3%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	4.685	0.0500	8.357	0.2674	0.0970	44	-13.73	22%	2
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0921	8.692	0.0250				1			0
001.99	Loss on Drying, Miscellaneous (%)	0618	6.720	0.1600	8.053	0.5636	0.1206	15	-2.37	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	7.324	0.1938	8.053	0.5636	0.1206	15	-1.29	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	7.485	0.1100	8.053	0.5636	0.1206	15	-1.01	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	7.565	0.3500	8.053	0.5636	0.1206	15	-0.87	3%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	7.785	0.0500	8.053	0.5636	0.1206	15	-0.48	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	7.890	0.1200	8.053	0.5636	0.1206	15	-0.29	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0590	8.090	0.0800	8.053	0.5636	0.1206	15	0.07	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	8.180	0.0200	8.053	0.5636	0.1206	15	0.23	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.200	0.0000	8.053	0.5636	0.1206	15	0.26	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	8.295	0.1900	8.053	0.5636	0.1206	15	0.43	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	8.320	0.0600	8.053	0.5636	0.1206	15	0.47	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	8.400	0.0000	8.053	0.5636	0.1206	15	0.62	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	8.480	0.0600	8.053	0.5636	0.1206	15	0.76	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	8.766	0.2318	8.053	0.5636	0.1206	15	1.26	4%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	8.810	0.0400	8.053	0.5636	0.1206	15	1.34	5%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	7.445	0.7300	8.053	0.5636	0.1206	15	-1.08	4%	1
002.00	Protein, Crude, Crude (%)	0169	18.85	0.1500				1			0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2442	18.20	0.0300	18.63	0.2508	0.0881	20	-1.73	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2322	18.24	0.0800	18.63	0.2508	0.0881	20	-1.55	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0968	18.39	0.1700	18.63	0.2508	0.0881	20	-0.97	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 (%)	0848	18.42	0.0500	18.63	0.2508	0.0881	20	-0.85	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2397	18.42	0.0800	18.63	0.2508	0.0881	20	-0.83	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0610	18.45	0.3000	18.63	0.2508	0.0881	20	-0.72	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0889	18.49	0.1300	18.63	0.2508	0.0881	20	-0.58	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0723	18.56	0.0370	18.63	0.2508	0.0881	20	-0.28	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0164	18.63	0.0000	18.63	0.2508	0.0881	20	0.00	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	18.64	0.0200	18.63	0.2508	0.0881	20	0.04	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0199	18.70	0.0400	18.63	0.2508	0.0881	20	0.28	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	18.70	0.0000	18.63	0.2508	0.0881	20	0.28	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2434	18.71	0.0800	18.63	0.2508	0.0881	20	0.32	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0674	18.72	0.0000	18.63	0.2508	0.0881	20	0.36	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2325	18.72	0.0200	18.63	0.2508	0.0881	20	0.36	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0652	18.85	0.1000	18.63	0.2508	0.0881	20	0.88	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2445	18.88	0.0300	18.63	0.2508	0.0881	20	0.98	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	18.91	0.2500	18.63	0.2508	0.0881	20	1.10	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	18.91	0.0200	18.63	0.2508	0.0881	20	1.12	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	19.26	0.2000	18.63	0.2508	0.0881	20	2.51	2%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2259	18.63	0.4830	18.63	0.2508	0.0881	20	-0.01	0%	1
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	18.76	0.0300				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	18.71	0.2000				1			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0563	18.23	0.0438	18.62	0.2699	0.1568	24	-1.47	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	18.31	0.1500	18.62	0.2699	0.1568	24	-1.18	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0622	18.33	0.0956	18.62	0.2699	0.1568	24	-1.09	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	18.39	0.3100	18.62	0.2699	0.1568	24	-0.88	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	18.39	0.0169	18.62	0.2699	0.1568	24	-0.87	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	18.40	0.6100	18.62	0.2699	0.1568	24	-0.85	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	18.40	0.4000	18.62	0.2699	0.1568	24	-0.83	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	18.41	0.1600	18.62	0.2699	0.1568	24	-0.79	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0921	18.50	0.0400	18.62	0.2699	0.1568	24	-0.46	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2337	18.53	0.0200	18.62	0.2699	0.1568	24	-0.35	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	18.60	0.2300	18.62	0.2699	0.1568	24	-0.11	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	18.64	0.0060	18.62	0.2699	0.1568	24	0.08	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	18.65	0.1000	18.62	0.2699	0.1568	24	0.10	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	18.67	0.0200	18.62	0.2699	0.1568	24	0.17	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	18.67	0.2400	18.62	0.2699	0.1568	24	0.17	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	18.71	0.0400	18.62	0.2699	0.1568	24	0.32	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	18.76	0.1400	18.62	0.2699	0.1568	24	0.51	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	18.79	0.4000	18.62	0.2699	0.1568	24	0.62	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	18.84	0.1600	18.62	0.2699	0.1568	24	0.80	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	18.88	0.1100	18.62	0.2699	0.1568	24	0.93	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0941	18.89	0.2500	18.62	0.2699	0.1568	24	0.97	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	18.95	0.0600	18.62	0.2699	0.1568	24	1.21	1%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	2200	19.25	0.3000	18.62	0.2699	0.1568	24	2.32	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	19.83	0.1900	18.62	0.2699	0.1568	24	4.45	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0028	17.56	0.2500	18.91	0.2319	0.1725	108	-5.85	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0074	18.16	0.0000	18.91	0.2319	0.1725	108	-3.24	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0726	18.20	0.5200	18.91	0.2319	0.1725	108	-3.07	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0539	18.32	0.3300	18.91	0.2319	0.1725	108	-2.57	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0676	18.35	0.1900	18.91	0.2319	0.1725	108	-2.44	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0876	18.44	0.4400	18.91	0.2319	0.1725	108	-2.03	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0263	18.46	0.0720	18.91	0.2319	0.1725	108	-1.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0939	18.48	0.1100	18.91	0.2319	0.1725	108	-1.88	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0529	18.49	0.1300	18.91	0.2319	0.1725	108	-1.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0848	18.50	0.2000	18.91	0.2319	0.1725	108	-1.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0968	18.60	0.0300	18.91	0.2319	0.1725	108	-1.36	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0870	18.63	0.0312	18.91	0.2319	0.1725	108	-1.19	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0047	18.65	0.3000	18.91	0.2319	0.1725	108	-1.13	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0300	18.65	0.1000	18.91	0.2319	0.1725	108	-1.13	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0148	18.68	0.4480	18.91	0.2319	0.1725	108	-0.99	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2168	18.69	0.1700	18.91	0.2319	0.1725	108	-0.98	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2174	18.69	0.0400	18.91	0.2319	0.1725	108	-0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0014	18.70	0.0000	18.91	0.2319	0.1725	108	-0.91	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0589	18.72	0.2500	18.91	0.2319	0.1725	108	-0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0511	18.73	0.2800	18.91	0.2319	0.1725	108	-0.78	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0297	18.74	0.0900	18.91	0.2319	0.1725	108	-0.76	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0017	18.75	0.1000	18.91	0.2319	0.1725	108	-0.70	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0038	18.75	0.7000	18.91	0.2319	0.1725	108	-0.70	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2319	18.75	0.1000	18.91	0.2319	0.1725	108	-0.70	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0006	18.76	0.2500	18.91	0.2319	0.1725	108	-0.67	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0144	18.76	0.0400	18.91	0.2319	0.1725	108	-0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0505	18.76	0.0200	18.91	0.2319	0.1725	108	-0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0675	18.76	0.0600	18.91	0.2319	0.1725	108	-0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0036	18.77	0.1530	18.91	0.2319	0.1725	108	-0.62	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0049	18.80	0.2000	18.91	0.2319	0.1725	108	-0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2302	18.80	0.0200	18.91	0.2319	0.1725	108	-0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0011	18.80	0.1400	18.91	0.2319	0.1725	108	-0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0610	18.80	0.0000	18.91	0.2319	0.1725	108	-0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0956	18.80	0.0000	18.91	0.2319	0.1725	108	-0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0682	18.81	0.0000	18.91	0.2319	0.1725	108	-0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0001	18.81	0.7200	18.91	0.2319	0.1725	108	-0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0693	18.81	0.0000	18.91	0.2319	0.1725	108	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0009	18.82	0.0900	18.91	0.2319	0.1725	108	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0035	18.83	0.0300	18.91	0.2319	0.1725	108	-0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2246	18.84	0.1000	18.91	0.2319	0.1725	108	-0.31	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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	2442	18.84	0.0400	18.91	0.2319	0.1725	108	-0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2089	18.85	0.0500	18.91	0.2319	0.1725	108	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0278	18.85	0.1000	18.91	0.2319	0.1725	108	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0366	18.85	0.1000	18.91	0.2319	0.1725	108	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0510	18.85	0.1000	18.91	0.2319	0.1725	108	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0353	18.86	0.0100	18.91	0.2319	0.1725	108	-0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0590	18.86	0.0300	18.91	0.2319	0.1725	108	-0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0242	18.86	0.0600	18.91	0.2319	0.1725	108	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2059	18.87	0.0156	18.91	0.2319	0.1725	108	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0598	18.88	0.2600	18.91	0.2319	0.1725	108	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0953	18.89	0.4300	18.91	0.2319	0.1725	108	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2129	18.89	0.2410	18.91	0.2319	0.1725	108	-0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2184	18.89	0.1200	18.91	0.2319	0.1725	108	-0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0964	18.90	0.0580	18.91	0.2319	0.1725	108	-0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0098	18.90	0.2000	18.91	0.2319	0.1725	108	-0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0687	18.90	0.2000	18.91	0.2319	0.1725	108	-0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0853	18.90	0.2000	18.91	0.2319	0.1725	108	-0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2150	18.90	0.3600	18.91	0.2319	0.1725	108	-0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0164	18.91	0.3100	18.91	0.2319	0.1725	108	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0504	18.91	0.2600	18.91	0.2319	0.1725	108	-0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0626	18.91	0.1040	18.91	0.2319	0.1725	108	-0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0199	18.92	0.2500	18.91	0.2319	0.1725	108	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0948	18.92	0.0700	18.91	0.2319	0.1725	108	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0027	18.94	0.1320	18.91	0.2319	0.1725	108	0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0357	18.94	0.0000	18.91	0.2319	0.1725	108	0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0045	18.95	0.3000	18.91	0.2319	0.1725	108	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2375	18.96	0.0200	18.91	0.2319	0.1725	108	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0100	18.97	0.5600	18.91	0.2319	0.1725	108	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0190	18.99	0.0500	18.91	0.2319	0.1725	108	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0183	18.99	0.0200	18.91	0.2319	0.1725	108	0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0345	18.99	0.0200	18.91	0.2319	0.1725	108	0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0004	19.00	0.3100	18.91	0.2319	0.1725	108	0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0043	19.03	0.1560	18.91	0.2319	0.1725	108	0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0644	19.04	0.2530	18.91	0.2319	0.1725	108	0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0226	19.04	0.0800	18.91	0.2319	0.1725	108	0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0018	19.05	0.3100	18.91	0.2319	0.1725	108	0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0010	19.05	0.3000	18.91	0.2319	0.1725	108	0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0202	19.05	0.3000	18.91	0.2319	0.1725	108	0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0884	19.05	0.1000	18.91	0.2319	0.1725	108	0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0229	19.07	0.4900	18.91	0.2319	0.1725	108	0.66	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0872	19.07	0.2060	18.91	0.2319	0.1725	108	0.69	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0123	19.09	0.1100	18.91	0.2319	0.1725	108	0.75	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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	0294	19.09	0.1600	18.91	0.2319	0.1725	108	0.77	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2155	19.10	0.0300	18.91	0.2319	0.1725	108	0.79	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0037	19.10	0.6000	18.91	0.2319	0.1725	108	0.81	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0358	19.10	0.1800	18.91	0.2319	0.1725	108	0.81	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2349	19.10	0.8000	18.91	0.2319	0.1725	108	0.81	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0407	19.14	0.2460	18.91	0.2319	0.1725	108	0.99	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0859	19.14	0.3690	18.91	0.2319	0.1725	108	0.99	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0186	19.15	0.3300	18.91	0.2319	0.1725	108	1.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2268	19.15	0.0700	18.91	0.2319	0.1725	108	1.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0003	19.16	0.7100	18.91	0.2319	0.1725	108	1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0425	19.16	0.0700	18.91	0.2319	0.1725	108	1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2181	19.16	0.0400	18.91	0.2319	0.1725	108	1.07	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0541	19.17	0.2200	18.91	0.2319	0.1725	108	1.11	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0171	19.18	0.0900	18.91	0.2319	0.1725	108	1.14	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0019	19.19	0.0100	18.91	0.2319	0.1725	108	1.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0508	19.21	0.0050	18.91	0.2319	0.1725	108	1.31	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2359	19.25	0.1000	18.91	0.2319	0.1725	108	1.46	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2213	19.29	0.2500	18.91	0.2319	0.1725	108	1.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0083	19.34	0.1000	18.91	0.2319	0.1725	108	1.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0034	19.41	0.1300	18.91	0.2319	0.1725	108	2.13	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2076	19.41	0.2530	18.91	0.2319	0.1725	108	2.16	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2109	19.43	0.1900	18.91	0.2319	0.1725	108	2.21	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0618	19.45	0.0810	18.91	0.2319	0.1725	108	2.32	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2303	19.51	0.8100	18.91	0.2319	0.1725	108	2.56	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0918	19.54	0.2000	18.91	0.2319	0.1725	108	2.71	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0843	19.58	0.0700	18.91	0.2319	0.1725	108	2.86	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0650	19.66	1.440	18.91	0.2319	0.1725	108	3.23	2%	1
002.08	Protein, Crude, Cu/Ti (%)	0563	18.26	0.0101				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	18.60	0.1000				2			0
002.11	Protein, Crude, NIR (%)	0590	19.13	0.2100				3			0
002.11	Protein, Crude, NIR (%)	0889	19.27	0.0100				3			0
002.11	Protein, Crude, NIR (%)	0964	19.87	0.2400				3			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2337	4.135	0.0100	4.369	0.2072	0.1010	12	-1.13	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2442	4.145	0.0900	4.369	0.2072	0.1010	12	-1.08	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2359	4.200	0.0000	4.369	0.2072	0.1010	12	-0.82	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	4.240	0.1800	4.369	0.2072	0.1010	12	-0.62	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	4.240	0.0400	4.369	0.2072	0.1010	12	-0.62	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	4.320	0.2600	4.369	0.2072	0.1010	12	-0.24	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	4.390	0.1200	4.369	0.2072	0.1010	12	0.10	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	4.471	0.0268	4.369	0.2072	0.1010	12	0.49	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	4.500	0.2000	4.369	0.2072	0.1010	12	0.63	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0035	4.510	0.0200	4.369	0.2072	0.1010	12	0.68	2%	0

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			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0011	4.600	0.1600	4.369	0.2072	0.1010	12	1.11	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2322	6.450	0.0200	4.369	0.2072	0.1010	12	10.04	24%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0504	3.890	0.0200				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0563	4.129	0.0849				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0164	4.305	0.0100				3			0
003.06	Fat, Crude, Pet Ether (%)	0169	3.825	0.2500	4.227	0.2639	0.1825	16	-1.52	5%	0
003.06	Fat, Crude, Pet Ether (%)	0918	3.915	0.3700	4.227	0.2639	0.1825	16	-1.18	4%	0
003.06	Fat, Crude, Pet Ether (%)	0297	4.035	0.2700	4.227	0.2639	0.1825	16	-0.73	2%	0
003.06	Fat, Crude, Pet Ether (%)	0674	4.050	0.0000	4.227	0.2639	0.1825	16	-0.67	2%	0
003.06	Fat, Crude, Pet Ether (%)	0199	4.095	0.0900	4.227	0.2639	0.1825	16	-0.50	2%	0
003.06	Fat, Crude, Pet Ether (%)	0884	4.100	0.2000	4.227	0.2639	0.1825	16	-0.48	2%	0
003.06	Fat, Crude, Pet Ether (%)	0425	4.130	0.0200	4.227	0.2639	0.1825	16	-0.37	1%	0
003.06	Fat, Crude, Pet Ether (%)	2181	4.155	0.0300	4.227	0.2639	0.1825	16	-0.27	1%	0
003.06	Fat, Crude, Pet Ether (%)	0651	4.194	0.0188	4.227	0.2639	0.1825	16	-0.12	0%	0
003.06	Fat, Crude, Pet Ether (%)	0689	4.300	0.0000	4.227	0.2639	0.1825	16	0.28	1%	0
003.06	Fat, Crude, Pet Ether (%)	0687	4.350	0.1000	4.227	0.2639	0.1825	16	0.47	1%	0
003.06	Fat, Crude, Pet Ether (%)	0644	4.352	0.0370	4.227	0.2639	0.1825	16	0.47	1%	0
003.06	Fat, Crude, Pet Ether (%)	0294	4.420	0.3600	4.227	0.2639	0.1825	16	0.73	2%	0
003.06	Fat, Crude, Pet Ether (%)	0229	4.460	0.6400	4.227	0.2639	0.1825	16	0.88	3%	0
003.06	Fat, Crude, Pet Ether (%)	0682	4.660	0.0000	4.227	0.2639	0.1825	16	1.64	5%	0
003.06	Fat, Crude, Pet Ether (%)	0968	4.740	0.0000	4.227	0.2639	0.1825	16	1.94	6%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	3.250	0.1200	4.223	0.1405	0.0503	8	-6.93	12%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	4.070	0.0200	4.223	0.1405	0.0503	8	-1.09	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	4.215	0.0300	4.223	0.1405	0.0503	8	-0.06	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0722	4.250	0.0367	4.223	0.1405	0.0503	8	0.19	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	4.273	0.0350	4.223	0.1405	0.0503	8	0.35	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0512	4.276	0.0010	4.223	0.1405	0.0503	8	0.37	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0964	4.299	0.0270	4.223	0.1405	0.0503	8	0.54	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	4.390	0.1800	4.223	0.1405	0.0503	8	1.19	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	4.565	0.5100	4.223	0.1405	0.0503	8	2.44	4%	1
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	2.995	0.1320	4.077	0.2140	0.0806	27	-5.05	13%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	3.815	0.1500	4.077	0.2140	0.0806	27	-1.22	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	3.850	0.2400	4.077	0.2140	0.0806	27	-1.06	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2397	3.890	0.0400	4.077	0.2140	0.0806	27	-0.87	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	3.908	0.3250	4.077	0.2140	0.0806	27	-0.79	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0123	3.935	0.0900	4.077	0.2140	0.0806	27	-0.66	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	3.940	0.0000	4.077	0.2140	0.0806	27	-0.64	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	3.945	0.0300	4.077	0.2140	0.0806	27	-0.62	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	3.960	0.1200	4.077	0.2140	0.0806	27	-0.54	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	3.965	0.1100	4.077	0.2140	0.0806	27	-0.52	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	3.980	0.0800	4.077	0.2140	0.0806	27	-0.45	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	3.984	0.0449	4.077	0.2140	0.0806	27	-0.43	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	4.004	0.0100	4.077	0.2140	0.0806	27	-0.34	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	4.024	0.0310	4.077	0.2140	0.0806	27	-0.25	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	4.065	0.0138	4.077	0.2140	0.0806	27	-0.05	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	4.085	0.0900	4.077	0.2140	0.0806	27	0.04	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	4.100	0.0000	4.077	0.2140	0.0806	27	0.11	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	4.155	0.0100	4.077	0.2140	0.0806	27	0.37	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	4.183	0.0628	4.077	0.2140	0.0806	27	0.50	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	4.200	0.0000	4.077	0.2140	0.0806	27	0.58	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	4.220	0.0800	4.077	0.2140	0.0806	27	0.67	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0610	4.255	0.0100	4.077	0.2140	0.0806	27	0.83	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	4.260	0.0800	4.077	0.2140	0.0806	27	0.86	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	4.445	0.0300	4.077	0.2140	0.0806	27	1.72	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0622	4.473	0.1673	4.077	0.2140	0.0806	27	1.85	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	4.540	0.1000	4.077	0.2140	0.0806	27	2.16	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2434	4.545	0.1100	4.077	0.2140	0.0806	27	2.19	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	4.000	0.4000	4.077	0.2140	0.0806	27	-0.36	1%	1
003.11	Fat, Crude, NIR (%)	0889	4.915	0.0900				2			0
003.11	Fat, Crude, NIR (%)	0964	6.525	0.4300				2			0
003.12	Fat, Crude, Hexane Ext (%)	2199	4.195	0.0500				3			0
003.12	Fat, Crude, Hexane Ext (%)	0171	4.240	0.1000				3			0
003.12	Fat, Crude, Hexane Ext (%)	2200	4.450	0.3000				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	3.275	0.4100	3.975	0.4470	0.1852	5			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	3.835	0.2900	3.975	0.4470	0.1852	5			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	4.140	0.0600	3.975	0.4470	0.1852	5			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	4.185	0.0700	3.975	0.4470	0.1852	5			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	4.442	0.0960	3.975	0.4470	0.1852	5			0
003.14	Fat, Crude, Ankom (%)	0183	2.660	0.1060	4.177	0.2579	0.1462	49	-5.88	18%	0
003.14	Fat, Crude, Ankom (%)	0357	3.375	0.5300	4.177	0.2579	0.1462	49	-3.11	10%	0
003.14	Fat, Crude, Ankom (%)	0226	3.400	0.0600	4.177	0.2579	0.1462	49	-3.01	9%	0
003.14	Fat, Crude, Ankom (%)	2359	3.550	0.3000	4.177	0.2579	0.1462	49	-2.43	8%	0
003.14	Fat, Crude, Ankom (%)	2375	3.730	0.1200	4.177	0.2579	0.1462	49	-1.73	5%	0
003.14	Fat, Crude, Ankom (%)	0939	3.890	0.3200	4.177	0.2579	0.1462	49	-1.11	3%	0
003.14	Fat, Crude, Ankom (%)	0581	3.960	0.0400	4.177	0.2579	0.1462	49	-0.84	3%	0
003.14	Fat, Crude, Ankom (%)	0202	3.980	0.2600	4.177	0.2579	0.1462	49	-0.76	2%	0
003.14	Fat, Crude, Ankom (%)	2445	3.990	0.0400	4.177	0.2579	0.1462	49	-0.72	2%	0
003.14	Fat, Crude, Ankom (%)	0511	3.995	0.1700	4.177	0.2579	0.1462	49	-0.70	2%	0
003.14	Fat, Crude, Ankom (%)	2302	3.995	0.0300	4.177	0.2579	0.1462	49	-0.70	2%	0
003.14	Fat, Crude, Ankom (%)	0144	4.015	0.0700	4.177	0.2579	0.1462	49	-0.63	2%	0
003.14	Fat, Crude, Ankom (%)	0034	4.025	0.3300	4.177	0.2579	0.1462	49	-0.59	2%	0
003.14	Fat, Crude, Ankom (%)	0019	4.040	0.1400	4.177	0.2579	0.1462	49	-0.53	2%	0
003.14	Fat, Crude, Ankom (%)	0033	4.070	0.0800	4.177	0.2579	0.1462	49	-0.41	1%	0
003.14	Fat, Crude, Ankom (%)	2129	4.074	0.0450	4.177	0.2579	0.1462	49	-0.40	1%	0

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			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Crude, Ankom (%)	0037	4.080	0.1400	4.177	0.2579	0.1462	49	-0.37	1%	0
003.14	Fat, Crude, Ankom (%)	2076	4.085	0.0126	4.177	0.2579	0.1462	49	-0.36	1%	0
003.14	Fat, Crude, Ankom (%)	0035	4.095	0.0100	4.177	0.2579	0.1462	49	-0.32	1%	0
003.14	Fat, Crude, Ankom (%)	0598	4.095	0.0100	4.177	0.2579	0.1462	49	-0.32	1%	0
003.14	Fat, Crude, Ankom (%)	0853	4.100	0.2000	4.177	0.2579	0.1462	49	-0.30	1%	0
003.14	Fat, Crude, Ankom (%)	0956	4.100	0.2000	4.177	0.2579	0.1462	49	-0.30	1%	0
003.14	Fat, Crude, Ankom (%)	0083	4.105	0.0300	4.177	0.2579	0.1462	49	-0.28	1%	0
003.14	Fat, Crude, Ankom (%)	0876	4.110	0.0400	4.177	0.2579	0.1462	49	-0.26	1%	0
003.14	Fat, Crude, Ankom (%)	0001	4.112	0.2350	4.177	0.2579	0.1462	49	-0.25	1%	0
003.14	Fat, Crude, Ankom (%)	0171	4.145	0.2100	4.177	0.2579	0.1462	49	-0.12	0%	0
003.14	Fat, Crude, Ankom (%)	0066	4.170	0.1600	4.177	0.2579	0.1462	49	-0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0563	4.200	0.1214	4.177	0.2579	0.1462	49	0.09	0%	0
003.14	Fat, Crude, Ankom (%)	0505	4.205	0.1500	4.177	0.2579	0.1462	49	0.11	0%	0
003.14	Fat, Crude, Ankom (%)	0358	4.225	0.0100	4.177	0.2579	0.1462	49	0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0148	4.230	0.2200	4.177	0.2579	0.1462	49	0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0948	4.235	0.0700	4.177	0.2579	0.1462	49	0.23	1%	0
003.14	Fat, Crude, Ankom (%)	0675	4.240	0.2800	4.177	0.2579	0.1462	49	0.25	1%	0
003.14	Fat, Crude, Ankom (%)	0529	4.245	0.1300	4.177	0.2579	0.1462	49	0.27	1%	0
003.14	Fat, Crude, Ankom (%)	0186	4.310	0.1400	4.177	0.2579	0.1462	49	0.52	2%	0
003.14	Fat, Crude, Ankom (%)	0682	4.380	0.0000	4.177	0.2579	0.1462	49	0.79	2%	0
003.14	Fat, Crude, Ankom (%)	0407	4.381	0.0131	4.177	0.2579	0.1462	49	0.79	2%	0
003.14	Fat, Crude, Ankom (%)	0278	4.400	0.2000	4.177	0.2579	0.1462	49	0.87	3%	0
003.14	Fat, Crude, Ankom (%)	0229	4.415	0.4900	4.177	0.2579	0.1462	49	0.92	3%	0
003.14	Fat, Crude, Ankom (%)	0726	4.420	0.0000	4.177	0.2579	0.1462	49	0.94	3%	0
003.14	Fat, Crude, Ankom (%)	0848	4.420	0.2200	4.177	0.2579	0.1462	49	0.94	3%	0
003.14	Fat, Crude, Ankom (%)	0300	4.425	0.0700	4.177	0.2579	0.1462	49	0.96	3%	0
003.14	Fat, Crude, Ankom (%)	0009	4.460	0.2000	4.177	0.2579	0.1462	49	1.10	3%	0
003.14	Fat, Crude, Ankom (%)	0004	4.470	0.1000	4.177	0.2579	0.1462	49	1.14	4%	0
003.14	Fat, Crude, Ankom (%)	0190	4.560	0.0000	4.177	0.2579	0.1462	49	1.49	5%	0
003.14	Fat, Crude, Ankom (%)	0510	4.580	0.1800	4.177	0.2579	0.1462	49	1.56	5%	0
003.14	Fat, Crude, Ankom (%)	2146	4.585	0.0300	4.177	0.2579	0.1462	49	1.58	5%	0
003.14	Fat, Crude, Ankom (%)	0968	4.600	0.2800	4.177	0.2579	0.1462	49	1.64	5%	0
003.14	Fat, Crude, Ankom (%)	0049	4.620	0.4600	4.177	0.2579	0.1462	49	1.72	5%	0
003.99	Fat, Crude, Miscellaneous (%)	0536	7.630	0.0600				1			0
004.00	Fiber, Crude, Asbestos Free (%)	0186	13.59	0.0600	14.30	0.5032	0.1876	10	-1.41	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	13.74	0.0300	14.30	0.5032	0.1876	10	-1.12	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	14.05	0.1000	14.30	0.5032	0.1876	10	-0.50	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	14.10	0.0000	14.30	0.5032	0.1876	10	-0.40	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2359	14.35	0.3000	14.30	0.5032	0.1876	10	0.10	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	14.40	0.6000	14.30	0.5032	0.1876	10	0.20	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	14.41	0.2200	14.30	0.5032	0.1876	10	0.22	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	14.65	0.1000	14.30	0.5032	0.1876	10	0.70	1%	0

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			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
004.00	Fiber, Crude, Asbestos Free (%)	0171	14.66	0.1600	14.30	0.5032	0.1876	10	0.72	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	16.81	0.3100	14.30	0.5032	0.1876	10	5.00	9%	0
004.03	Fiber, Crude, Fritted Glass (%)	0353	12.24	0.0800				3			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	13.40	0.0700				3			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	14.45	0.0400				3			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	16.40	0.4600				3			1
004.06	Fiber, Crude, Fibertec (%)	2199	11.33	0.3500	13.86	0.7370	0.2782	21	-3.44	9%	0
004.06	Fiber, Crude, Fibertec (%)	2200	12.75	0.3000	13.86	0.7370	0.2782	21	-1.50	4%	0
004.06	Fiber, Crude, Fibertec (%)	2319	12.85	0.1000	13.86	0.7370	0.2782	21	-1.37	4%	0
004.06	Fiber, Crude, Fibertec (%)	0964	13.31	0.3800	13.86	0.7370	0.2782	21	-0.74	2%	0
004.06	Fiber, Crude, Fibertec (%)	0676	13.31	1.160	13.86	0.7370	0.2782	21	-0.74	2%	0
004.06	Fiber, Crude, Fibertec (%)	0968	13.43	0.4500	13.86	0.7370	0.2782	21	-0.59	2%	0
004.06	Fiber, Crude, Fibertec (%)	0674	13.54	0.0000	13.86	0.7370	0.2782	21	-0.43	1%	0
004.06	Fiber, Crude, Fibertec (%)	2006	13.62	0.2400	13.86	0.7370	0.2782	21	-0.32	1%	0
004.06	Fiber, Crude, Fibertec (%)	0948	13.77	0.0600	13.86	0.7370	0.2782	21	-0.12	0%	0
004.06	Fiber, Crude, Fibertec (%)	0038	13.85	0.3000	13.86	0.7370	0.2782	21	-0.01	0%	0
004.06	Fiber, Crude, Fibertec (%)	0875	13.94	0.1500	13.86	0.7370	0.2782	21	0.11	0%	0
004.06	Fiber, Crude, Fibertec (%)	2188	13.94	0.0000	13.86	0.7370	0.2782	21	0.11	0%	0
004.06	Fiber, Crude, Fibertec (%)	0918	14.12	0.3900	13.86	0.7370	0.2782	21	0.35	1%	0
004.06	Fiber, Crude, Fibertec (%)	0098	14.12	0.8400	13.86	0.7370	0.2782	21	0.36	1%	0
004.06	Fiber, Crude, Fibertec (%)	0027	14.13	0.0250	13.86	0.7370	0.2782	21	0.37	1%	0
004.06	Fiber, Crude, Fibertec (%)	0689	14.25	0.1000	13.86	0.7370	0.2782	21	0.53	1%	0
004.06	Fiber, Crude, Fibertec (%)	0941	14.33	0.2300	13.86	0.7370	0.2782	21	0.64	2%	0
004.06	Fiber, Crude, Fibertec (%)	0199	14.34	0.0300	13.86	0.7370	0.2782	21	0.65	2%	0
004.06	Fiber, Crude, Fibertec (%)	0610	14.75	0.5000	13.86	0.7370	0.2782	21	1.21	3%	0
004.06	Fiber, Crude, Fibertec (%)	2349	14.95	0.1000	13.86	0.7370	0.2782	21	1.48	4%	0
004.06	Fiber, Crude, Fibertec (%)	0685	15.83	0.4000	13.86	0.7370	0.2782	21	2.68	7%	0
004.07	Fiber, Crude, ANKOM (%)	2445	12.46	0.2200	13.95	0.7696	0.2364	69	-1.94	5%	0
004.07	Fiber, Crude, ANKOM (%)	0202	12.50	0.4000	13.95	0.7696	0.2364	69	-1.89	5%	0
004.07	Fiber, Crude, ANKOM (%)	0278	12.65	0.5000	13.95	0.7696	0.2364	69	-1.69	5%	0
004.07	Fiber, Crude, ANKOM (%)	0028	12.70	0.2000	13.95	0.7696	0.2364	69	-1.63	4%	0
004.07	Fiber, Crude, ANKOM (%)	2322	12.94	0.0400	13.95	0.7696	0.2364	69	-1.32	4%	0
004.07	Fiber, Crude, ANKOM (%)	0100	12.96	0.2900	13.95	0.7696	0.2364	69	-1.30	4%	0
004.07	Fiber, Crude, ANKOM (%)	0644	12.96	0.6670	13.95	0.7696	0.2364	69	-1.29	4%	0
004.07	Fiber, Crude, ANKOM (%)	0675	13.00	0.2100	13.95	0.7696	0.2364	69	-1.25	3%	0
004.07	Fiber, Crude, ANKOM (%)	2022	13.00	0.1200	13.95	0.7696	0.2364	69	-1.24	3%	0
004.07	Fiber, Crude, ANKOM (%)	2397	13.07	0.9400	13.95	0.7696	0.2364	69	-1.15	3%	0
004.07	Fiber, Crude, ANKOM (%)	0726	13.09	0.0500	13.95	0.7696	0.2364	69	-1.13	3%	0
004.07	Fiber, Crude, ANKOM (%)	0643	13.15	0.1000	13.95	0.7696	0.2364	69	-1.05	3%	0
004.07	Fiber, Crude, ANKOM (%)	0708	13.21	0.1900	13.95	0.7696	0.2364	69	-0.97	3%	0
004.07	Fiber, Crude, ANKOM (%)	0098	13.24	0.0100	13.95	0.7696	0.2364	69	-0.93	3%	0
004.07	Fiber, Crude, ANKOM (%)	0407	13.33	0.2321	13.95	0.7696	0.2364	69	-0.81	2%	0

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004.07	Fiber, Crude, ANKOM (%)	0510	13.35	0.1000	13.95	0.7696	0.2364	69	-0.79	2%	0
004.07	Fiber, Crude, ANKOM (%)	0885	13.37	0.3245	13.95	0.7696	0.2364	69	-0.76	2%	0
004.07	Fiber, Crude, ANKOM (%)	0190	13.50	0.4000	13.95	0.7696	0.2364	69	-0.59	2%	0
004.07	Fiber, Crude, ANKOM (%)	0956	13.50	0.2000	13.95	0.7696	0.2364	69	-0.59	2%	0
004.07	Fiber, Crude, ANKOM (%)	2144	13.50	0.1000	13.95	0.7696	0.2364	69	-0.59	2%	0
004.07	Fiber, Crude, ANKOM (%)	2302	13.55	0.1200	13.95	0.7696	0.2364	69	-0.53	1%	0
004.07	Fiber, Crude, ANKOM (%)	0968	13.59	0.2600	13.95	0.7696	0.2364	69	-0.47	1%	0
004.07	Fiber, Crude, ANKOM (%)	2337	13.62	0.2100	13.95	0.7696	0.2364	69	-0.44	1%	0
004.07	Fiber, Crude, ANKOM (%)	0870	13.63	0.1388	13.95	0.7696	0.2364	69	-0.42	1%	0
004.07	Fiber, Crude, ANKOM (%)	0300	13.70	0.4000	13.95	0.7696	0.2364	69	-0.33	1%	0
004.07	Fiber, Crude, ANKOM (%)	0589	13.75	0.2200	13.95	0.7696	0.2364	69	-0.27	1%	0
004.07	Fiber, Crude, ANKOM (%)	0035	13.83	0.1100	13.95	0.7696	0.2364	69	-0.17	0%	0
004.07	Fiber, Crude, ANKOM (%)	0948	13.83	0.0000	13.95	0.7696	0.2364	69	-0.16	0%	0
004.07	Fiber, Crude, ANKOM (%)	0009	13.85	0.0900	13.95	0.7696	0.2364	69	-0.14	0%	0
004.07	Fiber, Crude, ANKOM (%)	2188	13.88	0.0000	13.95	0.7696	0.2364	69	-0.10	0%	0
004.07	Fiber, Crude, ANKOM (%)	2196	13.89	0.0000	13.95	0.7696	0.2364	69	-0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	0366	13.90	0.6000	13.95	0.7696	0.2364	69	-0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0083	13.92	0.0900	13.95	0.7696	0.2364	69	-0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0505	13.92	0.1300	13.95	0.7696	0.2364	69	-0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0123	13.93	0.2100	13.95	0.7696	0.2364	69	-0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0144	13.97	0.3800	13.95	0.7696	0.2364	69	0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	2009	14.01	0.0773	13.95	0.7696	0.2364	69	0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	0622	14.03	0.2068	13.95	0.7696	0.2364	69	0.10	0%	0
004.07	Fiber, Crude, ANKOM (%)	0242	14.06	0.0300	13.95	0.7696	0.2364	69	0.13	0%	0
004.07	Fiber, Crude, ANKOM (%)	2190	14.10	0.1800	13.95	0.7696	0.2364	69	0.19	1%	0
004.07	Fiber, Crude, ANKOM (%)	2259	14.10	0.1980	13.95	0.7696	0.2364	69	0.19	1%	0
004.07	Fiber, Crude, ANKOM (%)	0019	14.18	0.6000	13.95	0.7696	0.2364	69	0.29	1%	0
004.07	Fiber, Crude, ANKOM (%)	0682	14.20	0.0000	13.95	0.7696	0.2364	69	0.32	1%	0
004.07	Fiber, Crude, ANKOM (%)	0229	14.27	0.1200	13.95	0.7696	0.2364	69	0.41	1%	0
004.07	Fiber, Crude, ANKOM (%)	0939	14.28	0.3400	13.95	0.7696	0.2364	69	0.42	1%	0
004.07	Fiber, Crude, ANKOM (%)	0848	14.29	0.1700	13.95	0.7696	0.2364	69	0.43	1%	0
004.07	Fiber, Crude, ANKOM (%)	0512	14.31	0.3100	13.95	0.7696	0.2364	69	0.46	1%	0
004.07	Fiber, Crude, ANKOM (%)	0004	14.33	1.010	13.95	0.7696	0.2364	69	0.48	1%	0
004.07	Fiber, Crude, ANKOM (%)	0876	14.34	0.3000	13.95	0.7696	0.2364	69	0.50	1%	0
004.07	Fiber, Crude, ANKOM (%)	2434	14.34	0.0000	13.95	0.7696	0.2364	69	0.50	1%	0
004.07	Fiber, Crude, ANKOM (%)	0011	14.42	0.0700	13.95	0.7696	0.2364	69	0.60	2%	0
004.07	Fiber, Crude, ANKOM (%)	0263	14.45	0.3190	13.95	0.7696	0.2364	69	0.64	2%	0
004.07	Fiber, Crude, ANKOM (%)	0511	14.45	0.9000	13.95	0.7696	0.2364	69	0.64	2%	0
004.07	Fiber, Crude, ANKOM (%)	0003	14.52	0.0700	13.95	0.7696	0.2364	69	0.73	2%	0
004.07	Fiber, Crude, ANKOM (%)	0504	14.55	0.0500	13.95	0.7696	0.2364	69	0.77	2%	0
004.07	Fiber, Crude, ANKOM (%)	2193	14.57	0.1000	13.95	0.7696	0.2364	69	0.80	2%	0
004.07	Fiber, Crude, ANKOM (%)	0294	14.62	0.1000	13.95	0.7696	0.2364	69	0.86	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0693	14.67	0.3850	13.95	0.7696	0.2364	69	0.93	3%	0
004.07	Fiber, Crude, ANKOM (%)	0563	14.68	0.1173	13.95	0.7696	0.2364	69	0.94	3%	0
004.07	Fiber, Crude, ANKOM (%)	0066	14.73	0.2100	13.95	0.7696	0.2364	69	1.00	3%	0
004.07	Fiber, Crude, ANKOM (%)	2146	14.81	1.060	13.95	0.7696	0.2364	69	1.11	3%	0
004.07	Fiber, Crude, ANKOM (%)	0034	14.90	0.7500	13.95	0.7696	0.2364	69	1.22	3%	0
004.07	Fiber, Crude, ANKOM (%)	0074	14.96	0.3400	13.95	0.7696	0.2364	69	1.31	4%	0
004.07	Fiber, Crude, ANKOM (%)	0536	15.35	0.5000	13.95	0.7696	0.2364	69	1.81	5%	0
004.07	Fiber, Crude, ANKOM (%)	0581	15.35	0.1000	13.95	0.7696	0.2364	69	1.81	5%	0
004.07	Fiber, Crude, ANKOM (%)	2109	16.72	0.0300	13.95	0.7696	0.2364	69	3.59	10%	0
004.07	Fiber, Crude, ANKOM (%)	0598	16.74	0.0700	13.95	0.7696	0.2364	69	3.61	10%	0
004.07	Fiber, Crude, ANKOM (%)	0626	18.05	0.2651	13.95	0.7696	0.2364	69	5.32	15%	0
004.07	Fiber, Crude, ANKOM (%)	0226	18.56	0.4200	13.95	0.7696	0.2364	69	5.98	17%	0
004.07	Fiber, Crude, ANKOM (%)	0045	11.39	15.83	13.95	0.7696	0.2364	69	-3.34	9%	1
004.07	Fiber, Crude, ANKOM (%)	0529	5.800	0.0400	13.95	0.7696	0.2364	69	-10.60	29%	2
004.11	Fiber, Crude, NIR (%)	0964	13.33	0.4700				2			0
004.11	Fiber, Crude, NIR (%)	0889	14.44	0.0500				2			0
004.99	Fiber, Crude, Miscellaneous (%)	2129	12.77	0.0560				2			0
004.99	Fiber, Crude, Miscellaneous (%)	2144	13.55	0.0400				2			0
005.00	Ash, 2h @ 600°C (%)	2184	5.830	0.0200	6.601	0.2098	0.0624	84	-3.67	6%	0
005.00	Ash, 2h @ 600°C (%)	0278	6.200	0.1800	6.601	0.2098	0.0624	84	-1.91	3%	0
005.00	Ash, 2h @ 600°C (%)	0186	6.208	0.0394	6.601	0.2098	0.0624	84	-1.88	3%	0
005.00	Ash, 2h @ 600°C (%)	0047	6.250	0.1000	6.601	0.2098	0.0624	84	-1.67	3%	0
005.00	Ash, 2h @ 600°C (%)	0853	6.250	0.1000	6.601	0.2098	0.0624	84	-1.67	3%	0
005.00	Ash, 2h @ 600°C (%)	0953	6.280	0.1600	6.601	0.2098	0.0624	84	-1.53	2%	0
005.00	Ash, 2h @ 600°C (%)	2199	6.300	0.0000	6.601	0.2098	0.0624	84	-1.43	2%	0
005.00	Ash, 2h @ 600°C (%)	0169	6.330	0.0200	6.601	0.2098	0.0624	84	-1.29	2%	0
005.00	Ash, 2h @ 600°C (%)	0651	6.348	0.0676	6.601	0.2098	0.0624	84	-1.21	2%	0
005.00	Ash, 2h @ 600°C (%)	0539	6.350	0.2400	6.601	0.2098	0.0624	84	-1.20	2%	0
005.00	Ash, 2h @ 600°C (%)	0027	6.352	0.0210	6.601	0.2098	0.0624	84	-1.19	2%	0
005.00	Ash, 2h @ 600°C (%)	0425	6.365	0.0500	6.601	0.2098	0.0624	84	-1.12	2%	0
005.00	Ash, 2h @ 600°C (%)	2188	6.385	0.0900	6.601	0.2098	0.0624	84	-1.03	2%	0
005.00	Ash, 2h @ 600°C (%)	0366	6.400	0.0000	6.601	0.2098	0.0624	84	-0.96	2%	0
005.00	Ash, 2h @ 600°C (%)	2359	6.400	0.2000	6.601	0.2098	0.0624	84	-0.96	2%	0
005.00	Ash, 2h @ 600°C (%)	0004	6.410	0.0200	6.601	0.2098	0.0624	84	-0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	2445	6.415	0.2100	6.601	0.2098	0.0624	84	-0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	6.415	0.0900	6.601	0.2098	0.0624	84	-0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	2434	6.430	0.0200	6.601	0.2098	0.0624	84	-0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	6.446	0.1869	6.601	0.2098	0.0624	84	-0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	6.450	0.1000	6.601	0.2098	0.0624	84	-0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0226	6.455	0.0900	6.601	0.2098	0.0624	84	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	6.460	0.0200	6.601	0.2098	0.0624	84	-0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	2268	6.465	0.1500	6.601	0.2098	0.0624	84	-0.65	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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 (%)	0049	6.470	0.0200	6.601	0.2098	0.0624	84	-0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	6.480	0.0800	6.601	0.2098	0.0624	84	-0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0685	6.490	0.2000	6.601	0.2098	0.0624	84	-0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0357	6.500	0.0000	6.601	0.2098	0.0624	84	-0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	6.500	0.1000	6.601	0.2098	0.0624	84	-0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	6.500	0.1000	6.601	0.2098	0.0624	84	-0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	6.520	0.0600	6.601	0.2098	0.0624	84	-0.39	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	6.520	0.2000	6.601	0.2098	0.0624	84	-0.39	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	6.524	0.0840	6.601	0.2098	0.0624	84	-0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	6.528	0.0868	6.601	0.2098	0.0624	84	-0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	6.530	0.0400	6.601	0.2098	0.0624	84	-0.34	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	6.550	0.0000	6.601	0.2098	0.0624	84	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	2397	6.560	0.0200	6.601	0.2098	0.0624	84	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0722	6.582	0.0397	6.601	0.2098	0.0624	84	-0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	2349	6.590	0.0200	6.601	0.2098	0.0624	84	-0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	6.609	0.0149	6.601	0.2098	0.0624	84	0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	6.635	0.0100	6.601	0.2098	0.0624	84	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	6.640	0.0000	6.601	0.2098	0.0624	84	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	2200	6.650	0.1000	6.601	0.2098	0.0624	84	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	6.660	0.0400	6.601	0.2098	0.0624	84	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	6.660	0.1200	6.601	0.2098	0.0624	84	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0038	6.665	0.0500	6.601	0.2098	0.0624	84	0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	6.665	0.0300	6.601	0.2098	0.0624	84	0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	0144	6.670	0.0000	6.601	0.2098	0.0624	84	0.33	1%	0
005.00	Ash, 2h @ 600°C (%)	2337	6.670	0.0200	6.601	0.2098	0.0624	84	0.33	1%	0
005.00	Ash, 2h @ 600°C (%)	0033	6.680	0.0400	6.601	0.2098	0.0624	84	0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	6.684	0.0490	6.601	0.2098	0.0624	84	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	2259	6.685	0.0290	6.601	0.2098	0.0624	84	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0123	6.685	0.0100	6.601	0.2098	0.0624	84	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0199	6.685	0.0300	6.601	0.2098	0.0624	84	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0674	6.690	0.0000	6.601	0.2098	0.0624	84	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	6.690	0.0000	6.601	0.2098	0.0624	84	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	6.695	0.1500	6.601	0.2098	0.0624	84	0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	2246	6.695	0.0100	6.601	0.2098	0.0624	84	0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	2076	6.709	0.0484	6.601	0.2098	0.0624	84	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	6.710	0.0200	6.601	0.2098	0.0624	84	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0876	6.710	0.0200	6.601	0.2098	0.0624	84	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	6.715	0.0300	6.601	0.2098	0.0624	84	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	6.740	0.0400	6.601	0.2098	0.0624	84	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	6.740	0.0600	6.601	0.2098	0.0624	84	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	2193	6.740	0.0400	6.601	0.2098	0.0624	84	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0017	6.750	0.1000	6.601	0.2098	0.0624	84	0.71	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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 (%)	0563	6.755	0.1301	6.601	0.2098	0.0624	84	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	2302	6.770	0.0800	6.601	0.2098	0.0624	84	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	6.785	0.0300	6.601	0.2098	0.0624	84	0.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0183	6.785	0.0200	6.601	0.2098	0.0624	84	0.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0300	6.786	0.0080	6.601	0.2098	0.0624	84	0.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	6.800	0.0000	6.601	0.2098	0.0624	84	0.95	2%	0
005.00	Ash, 2h @ 600°C (%)	2196	6.810	0.0000	6.601	0.2098	0.0624	84	1.00	2%	0
005.00	Ash, 2h @ 600°C (%)	0171	6.825	0.0300	6.601	0.2098	0.0624	84	1.07	2%	0
005.00	Ash, 2h @ 600°C (%)	0297	6.855	0.0700	6.601	0.2098	0.0624	84	1.21	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	6.860	0.0800	6.601	0.2098	0.0624	84	1.23	2%	0
005.00	Ash, 2h @ 600°C (%)	2150	6.860	0.2400	6.601	0.2098	0.0624	84	1.23	2%	0
005.00	Ash, 2h @ 600°C (%)	0693	6.884	0.0050	6.601	0.2098	0.0624	84	1.35	2%	0
005.00	Ash, 2h @ 600°C (%)	0242	6.885	0.0300	6.601	0.2098	0.0624	84	1.35	2%	0
005.00	Ash, 2h @ 600°C (%)	0229	6.910	0.0400	6.601	0.2098	0.0624	84	1.47	2%	0
005.00	Ash, 2h @ 600°C (%)	0504	6.910	0.0800	6.601	0.2098	0.0624	84	1.47	2%	0
005.00	Ash, 2h @ 600°C (%)	0675	6.915	0.0100	6.601	0.2098	0.0624	84	1.50	2%	0
005.00	Ash, 2h @ 600°C (%)	0948	7.005	0.0100	6.601	0.2098	0.0624	84	1.93	3%	0
005.00	Ash, 2h @ 600°C (%)	2089	7.145	0.0700	6.601	0.2098	0.0624	84	2.59	4%	0
005.00	Ash, 2h @ 600°C (%)	0512	6.720	0.3960	6.601	0.2098	0.0624	84	0.57	1%	1
005.00	Ash, 2h @ 600°C (%)	2322	4.135	0.0300	6.601	0.2098	0.0624	84	-11.75	19%	2
005.02	Ash, LECO (%)	0644	7.104	0.0410				1			0
005.03	Ash, Microwave furnace (%)	0511	6.300	0.0000				1			0
005.05	Ash, 3h @ 550°C (%)	0066	6.475	0.0700	6.856	0.1929	0.0492	22	-1.98	3%	0
005.05	Ash, 3h @ 550°C (%)	0726	6.550	0.0400	6.856	0.1929	0.0492	22	-1.59	2%	0
005.05	Ash, 3h @ 550°C (%)	0003	6.565	0.0300	6.856	0.1929	0.0492	22	-1.51	2%	0
005.05	Ash, 3h @ 550°C (%)	2190	6.720	0.1000	6.856	0.1929	0.0492	22	-0.71	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	6.720	0.0200	6.856	0.1929	0.0492	22	-0.71	1%	0
005.05	Ash, 3h @ 550°C (%)	2009	6.761	0.0549	6.856	0.1929	0.0492	22	-0.49	1%	0
005.05	Ash, 3h @ 550°C (%)	0643	6.775	0.0100	6.856	0.1929	0.0492	22	-0.42	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	6.794	0.0740	6.856	0.1929	0.0492	22	-0.32	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	6.805	0.0700	6.856	0.1929	0.0492	22	-0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	2192	6.810	0.0800	6.856	0.1929	0.0492	22	-0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	6.810	0.0200	6.856	0.1929	0.0492	22	-0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	6.870	0.0200	6.856	0.1929	0.0492	22	0.07	0%	0
005.05	Ash, 3h @ 550°C (%)	2144	6.895	0.0100	6.856	0.1929	0.0492	22	0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	0263	6.918	0.0250	6.856	0.1929	0.0492	22	0.32	0%	0
005.05	Ash, 3h @ 550°C (%)	0190	6.945	0.0900	6.856	0.1929	0.0492	22	0.46	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	6.960	0.1400	6.856	0.1929	0.0492	22	0.54	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	6.995	0.0300	6.856	0.1929	0.0492	22	0.72	1%	0
005.05	Ash, 3h @ 550°C (%)	2246	6.995	0.0100	6.856	0.1929	0.0492	22	0.72	1%	0
005.05	Ash, 3h @ 550°C (%)	0034	7.026	0.0160	6.856	0.1929	0.0492	22	0.88	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	7.070	0.0200	6.856	0.1929	0.0492	22	1.11	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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 (%)	0921	7.125	0.0920	6.856	0.1929	0.0492	22	1.39	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	7.218	0.0930	6.856	0.1929	0.0492	22	1.87	3%	0
005.05	Ash, 3h @ 550°C (%)	0939	6.720	0.3800	6.856	0.1929	0.0492	22	-0.71	1%	1
005.11	Ash, NIR (%)	0590	6.300	0.6000				2			0
005.11	Ash, NIR (%)	0889	6.370	0.2600				2			0
005.99	Ash, Miscellaneous (%)	0019	6.300	0.0000	6.813	0.3343	0.0766	8	-1.53	4%	0
005.99	Ash, Miscellaneous (%)	0644	6.479	0.1130	6.813	0.3343	0.0766	8	-1.00	2%	0
005.99	Ash, Miscellaneous (%)	0884	6.750	0.1000	6.813	0.3343	0.0766	8	-0.19	0%	0
005.99	Ash, Miscellaneous (%)	0202	6.865	0.1300	6.813	0.3343	0.0766	8	0.16	0%	0
005.99	Ash, Miscellaneous (%)	2319	6.900	0.0000	6.813	0.3343	0.0766	8	0.26	1%	0
005.99	Ash, Miscellaneous (%)	0536	6.925	0.0300	6.813	0.3343	0.0766	8	0.33	1%	0
005.99	Ash, Miscellaneous (%)	0676	7.075	0.0100	6.813	0.3343	0.0766	8	0.78	2%	0
005.99	Ash, Miscellaneous (%)	0652	7.200	0.0000	6.813	0.3343	0.0766	8	1.16	3%	0
006.00	Total Sugars, As sucrose (%)	2192	3.145	0.0700				3			0
006.00	Total Sugars, As sucrose (%)	2319	4.450	0.3000				3			0
006.00	Total Sugars, As sucrose (%)	0407	4.815	0.1300				3			0
006.01	Total Sugars, Mod. Fehling Soln (%)	0038	5.515	0.1100				1			0
006.99	Total Sugars, Miscellaneous (%)	0918	2.180	0.0400	4.157	1.747	0.0900	6	-1.13	24%	0
006.99	Total Sugars, Miscellaneous (%)	0148	2.565	0.1100	4.157	1.747	0.0900	6	-0.91	19%	0
006.99	Total Sugars, Miscellaneous (%)	0226	4.215	0.1900	4.157	1.747	0.0900	6	0.03	1%	0
006.99	Total Sugars, Miscellaneous (%)	0674	4.730	0.0000	4.157	1.747	0.0900	6	0.33	7%	0
006.99	Total Sugars, Miscellaneous (%)	0956	5.000	0.0000	4.157	1.747	0.0900	6	0.48	10%	0
006.99	Total Sugars, Miscellaneous (%)	0610	6.250	0.0200	4.157	1.747	0.0900	6	1.20	25%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	16.48	0.7000	19.21	0.9668	0.2177	13	-2.82	7%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	17.87	0.6000	19.21	0.9668	0.2177	13	-1.39	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0875	18.17	0.2700	19.21	0.9668	0.2177	13	-1.08	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	18.80	0.1200	19.21	0.9668	0.2177	13	-0.42	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	19.14	0.3600	19.21	0.9668	0.2177	13	-0.07	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	19.36	0.1200	19.21	0.9668	0.2177	13	0.16	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	19.45	0.1100	19.21	0.9668	0.2177	13	0.24	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	19.45	0.3000	19.21	0.9668	0.2177	13	0.25	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	19.63	0.0500	19.21	0.9668	0.2177	13	0.43	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	19.64	0.1600	19.21	0.9668	0.2177	13	0.44	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	19.86	0.0200	19.21	0.9668	0.2177	13	0.67	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	19.95	0.1000	19.21	0.9668	0.2177	13	0.77	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	20.86	0.0000	19.21	0.9668	0.2177	13	1.71	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	14.73	0.1800	19.21	1.241	0.2833	43	-3.61	12%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2322	16.67	0.0500	19.21	1.241	0.2833	43	-2.05	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2445	16.81	0.2300	19.21	1.241	0.2833	43	-1.94	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	17.38	0.1750	19.21	1.241	0.2833	43	-1.47	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0885	17.63	0.2177	19.21	1.241	0.2833	43	-1.27	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	17.90	0.0500	19.21	1.241	0.2833	43	-1.06	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	17.95	0.0800	19.21	1.241	0.2833	43	-1.01	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	17.95	0.9000	19.21	1.241	0.2833	43	-1.01	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	18.14	0.6200	19.21	1.241	0.2833	43	-0.86	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	18.44	0.0000	19.21	1.241	0.2833	43	-0.62	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	18.50	0.8800	19.21	1.241	0.2833	43	-0.57	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2146	18.59	0.1200	19.21	1.241	0.2833	43	-0.50	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	18.61	1.090	19.21	1.241	0.2833	43	-0.49	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	18.67	0.2300	19.21	1.241	0.2833	43	-0.44	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	18.69	0.1200	19.21	1.241	0.2833	43	-0.42	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	18.80	0.8000	19.21	1.241	0.2833	43	-0.33	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	18.83	0.0900	19.21	1.241	0.2833	43	-0.31	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	18.85	0.1000	19.21	1.241	0.2833	43	-0.29	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0504	18.90	0.3400	19.21	1.241	0.2833	43	-0.25	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	18.95	0.3000	19.21	1.241	0.2833	43	-0.21	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	19.03	1.042	19.21	1.241	0.2833	43	-0.14	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	19.18	0.1600	19.21	1.241	0.2833	43	-0.02	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	19.26	0.3600	19.21	1.241	0.2833	43	0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2375	19.43	0.0400	19.21	1.241	0.2833	43	0.18	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	19.45	0.4100	19.21	1.241	0.2833	43	0.19	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	19.52	0.2100	19.21	1.241	0.2833	43	0.25	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	19.56	0.2700	19.21	1.241	0.2833	43	0.28	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	19.59	0.1100	19.21	1.241	0.2833	43	0.30	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	19.69	0.2000	19.21	1.241	0.2833	43	0.39	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	19.80	0.5400	19.21	1.241	0.2833	43	0.48	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	19.94	0.5760	19.21	1.241	0.2833	43	0.59	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	20.10	0.0800	19.21	1.241	0.2833	43	0.72	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	20.15	0.8057	19.21	1.241	0.2833	43	0.76	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	20.24	0.3600	19.21	1.241	0.2833	43	0.83	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	20.28	0.0420	19.21	1.241	0.2833	43	0.86	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	20.35	0.5000	19.21	1.241	0.2833	43	0.92	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	20.45	0.4100	19.21	1.241	0.2833	43	1.00	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	20.50	0.2000	19.21	1.241	0.2833	43	1.04	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	20.55	0.0800	19.21	1.241	0.2833	43	1.08	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	20.90	0.2498	19.21	1.241	0.2833	43	1.36	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	21.20	0.2000	19.21	1.241	0.2833	43	1.60	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	21.69	0.1000	19.21	1.241	0.2833	43	2.00	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	21.95	0.0900	19.21	1.241	0.2833	43	2.21	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0366	19.15	1.700	19.21	1.241	0.2833	43	-0.05	0%	1
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0529	5.800	0.0400	19.21	1.241	0.2833	43	-10.80	35%	2
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	18.45	0.3000				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0027	19.41	0.4040				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0964	19.62	0.2700				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0098	35.35	0.1000	36.79	0.5603	0.5598	12	-2.57	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0948	36.08	0.1300	36.79	0.5603	0.5598	12	-1.28	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0674	36.39	0.0000	36.79	0.5603	0.5598	12	-0.72	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0353	36.44	1.280	36.79	0.5603	0.5598	12	-0.63	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0676	36.62	1.270	36.79	0.5603	0.5598	12	-0.31	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0964	36.93	1.819	36.79	0.5603	0.5598	12	0.26	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0345	36.95	0.3000	36.79	0.5603	0.5598	12	0.28	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0610	37.05	0.3000	36.79	0.5603	0.5598	12	0.46	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0689	37.05	0.5000	36.79	0.5603	0.5598	12	0.46	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0875	37.19	0.4200	36.79	0.5603	0.5598	12	0.71	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2192	37.36	0.2400	36.79	0.5603	0.5598	12	1.02	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0226	37.49	0.2000	36.79	0.5603	0.5598	12	1.25	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2302	32.81	1.130	35.69	1.335	0.4987	42	-2.16	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0598	33.02	0.8700	35.69	1.335	0.4987	42	-2.00	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0049	33.36	2.160	35.69	1.335	0.4987	42	-1.75	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2322	33.87	0.0100	35.69	1.335	0.4987	42	-1.37	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0939	33.94	0.1800	35.69	1.335	0.4987	42	-1.31	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0083	34.00	0.4400	35.69	1.335	0.4987	42	-1.27	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0581	34.11	0.4500	35.69	1.335	0.4987	42	-1.19	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2445	34.16	0.5400	35.69	1.335	0.4987	42	-1.15	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2022	34.29	0.1500	35.69	1.335	0.4987	42	-1.05	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0675	34.55	0.1400	35.69	1.335	0.4987	42	-0.85	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0510	34.60	0.0000	35.69	1.335	0.4987	42	-0.82	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0885	34.79	0.1536	35.69	1.335	0.4987	42	-0.68	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0358	34.95	0.5900	35.69	1.335	0.4987	42	-0.56	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0263	35.25	0.1180	35.69	1.335	0.4987	42	-0.33	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2146	35.38	0.3900	35.69	1.335	0.4987	42	-0.24	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0504	35.48	0.7900	35.69	1.335	0.4987	42	-0.16	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0035	35.49	0.1700	35.69	1.335	0.4987	42	-0.15	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0037	35.57	0.5200	35.69	1.335	0.4987	42	-0.09	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2375	35.68	0.1000	35.69	1.335	0.4987	42	-0.01	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2190	35.77	0.2600	35.69	1.335	0.4987	42	0.06	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0045	36.05	0.3000	35.69	1.335	0.4987	42	0.27	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0294	36.11	0.0300	35.69	1.335	0.4987	42	0.31	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0918	36.11	0.5500	35.69	1.335	0.4987	42	0.31	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2129	36.21	2.099	35.69	1.335	0.4987	42	0.39	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0148	36.29	0.6300	35.69	1.335	0.4987	42	0.45	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0870	36.36	1.264	35.69	1.335	0.4987	42	0.50	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0190	36.44	0.5300	35.69	1.335	0.4987	42	0.56	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0726	36.44	0.5300	35.69	1.335	0.4987	42	0.56	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0278	36.45	0.9000	35.69	1.335	0.4987	42	0.57	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (0357	36.49	0.0700	35.69	1.335	0.4987	42	0.60	1%	0

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			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (0693	36.50	2.281	35.69	1.335	0.4987	42	0.60	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0956	36.55	2.100	35.69	1.335	0.4987	42	0.64	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2196	36.57	0.0000	35.69	1.335	0.4987	42	0.66	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0889	36.66	0.4200	35.69	1.335	0.4987	42	0.73	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0948	36.69	1.080	35.69	1.335	0.4987	42	0.75	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0297	36.70	0.2000	35.69	1.335	0.4987	42	0.76	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0407	36.72	0.0886	35.69	1.335	0.4987	42	0.77	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0066	36.93	0.3700	35.69	1.335	0.4987	42	0.92	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0366	37.20	0.6000	35.69	1.335	0.4987	42	1.13	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0968	37.29	0.5800	35.69	1.335	0.4987	42	1.20	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0164	38.00	0.4000	35.69	1.335	0.4987	42	1.73	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0536	38.12	0.0900	35.69	1.335	0.4987	42	1.82	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0848	24.25	0.3900	35.69	1.335	0.4987	42	-8.58	16%	2
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	34.17	0.0400				2			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0964	42.80	0.1800				2			0
010.03	Moisture, Karl-Fischer (%)	0164	8.255	0.0900				2			0
010.03	Moisture, Karl-Fischer (%)	0843	8.550	0.1600				2			0
010.11	Moisture, NIR (%)	0964	7.395	0.1300				2			0
010.11	Moisture, NIR (%)	0889	8.460	0.0400				2			0
010.99	Moisture, Miscellaneous (%)	0622	7.941	0.0996	8.452	0.3519	0.1363	14	-1.45	3%	0
010.99	Moisture, Miscellaneous (%)	0722	8.073	0.2381	8.452	0.3519	0.1363	14	-1.08	2%	0
010.99	Moisture, Miscellaneous (%)	2375	8.170	0.0200	8.452	0.3519	0.1363	14	-0.80	2%	0
010.99	Moisture, Miscellaneous (%)	0939	8.260	0.2000	8.452	0.3519	0.1363	14	-0.55	1%	0
010.99	Moisture, Miscellaneous (%)	0948	8.320	0.0600	8.452	0.3519	0.1363	14	-0.38	1%	0
010.99	Moisture, Miscellaneous (%)	2129	8.327	0.2870	8.452	0.3519	0.1363	14	-0.36	1%	0
010.99	Moisture, Miscellaneous (%)	0726	8.445	0.0900	8.452	0.3519	0.1363	14	-0.02	0%	0
010.99	Moisture, Miscellaneous (%)	0652	8.450	0.1000	8.452	0.3519	0.1363	14	-0.01	0%	0
010.99	Moisture, Miscellaneous (%)	2076	8.490	0.1800	8.452	0.3519	0.1363	14	0.11	0%	0
010.99	Moisture, Miscellaneous (%)	2150	8.530	0.0800	8.452	0.3519	0.1363	14	0.22	0%	0
010.99	Moisture, Miscellaneous (%)	0884	8.550	0.1000	8.452	0.3519	0.1363	14	0.28	1%	0
010.99	Moisture, Miscellaneous (%)	0019	8.850	0.0200	8.452	0.3519	0.1363	14	1.13	2%	0
010.99	Moisture, Miscellaneous (%)	0190	8.950	0.0000	8.452	0.3519	0.1363	14	1.41	3%	0
010.99	Moisture, Miscellaneous (%)	2089	8.975	0.3100	8.452	0.3519	0.1363	14	1.49	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2200	7.400	0.2000	9.026	0.2946	0.0743	57	-5.52	9%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0685	7.530	0.0800	9.026	0.2946	0.0743	57	-5.08	8%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2359	7.700	0.2000	9.026	0.2946	0.0743	57	-4.50	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0859	8.264	0.0280	9.026	0.2946	0.0743	57	-2.59	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2434	8.390	0.1000	9.026	0.2946	0.0743	57	-2.16	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2322	8.475	0.0300	9.026	0.2946	0.0743	57	-1.87	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	8.500	0.0000	9.026	0.2946	0.0743	57	-1.79	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	8.585	0.0300	9.026	0.2946	0.0743	57	-1.50	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0848	8.630	0.0800	9.026	0.2946	0.0743	57	-1.34	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	8.675	0.0300	9.026	0.2946	0.0743	57	-1.19	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	8.705	0.0900	9.026	0.2946	0.0743	57	-1.09	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0563	8.775	0.0982	9.026	0.2946	0.0743	57	-0.85	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	8.830	0.1600	9.026	0.2946	0.0743	57	-0.67	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	8.830	0.0400	9.026	0.2946	0.0743	57	-0.67	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	8.860	0.0000	9.026	0.2946	0.0743	57	-0.56	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	8.875	0.0500	9.026	0.2946	0.0743	57	-0.51	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	8.880	0.0000	9.026	0.2946	0.0743	57	-0.50	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	8.945	0.3900	9.026	0.2946	0.0743	57	-0.27	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	8.950	0.1000	9.026	0.2946	0.0743	57	-0.26	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	8.951	0.0110	9.026	0.2946	0.0743	57	-0.26	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	8.955	0.0900	9.026	0.2946	0.0743	57	-0.24	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0164	8.960	0.1800	9.026	0.2946	0.0743	57	-0.22	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2174	8.960	0.0600	9.026	0.2946	0.0743	57	-0.22	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	9.030	0.3400	9.026	0.2946	0.0743	57	0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	9.050	0.1000	9.026	0.2946	0.0743	57	0.08	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2022	9.055	0.1100	9.026	0.2946	0.0743	57	0.10	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	9.065	0.0300	9.026	0.2946	0.0743	57	0.13	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2302	9.085	0.0100	9.026	0.2946	0.0743	57	0.20	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	9.090	0.0000	9.026	0.2946	0.0743	57	0.22	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	9.105	0.0900	9.026	0.2946	0.0743	57	0.27	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	9.105	0.2500	9.026	0.2946	0.0743	57	0.27	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0622	9.106	0.0026	9.026	0.2946	0.0743	57	0.27	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	9.125	0.0100	9.026	0.2946	0.0743	57	0.34	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	9.135	0.0900	9.026	0.2946	0.0743	57	0.37	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2397	9.150	0.0800	9.026	0.2946	0.0743	57	0.42	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	9.150	0.0000	9.026	0.2946	0.0743	57	0.42	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2006	9.165	0.0500	9.026	0.2946	0.0743	57	0.47	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2337	9.165	0.0100	9.026	0.2946	0.0743	57	0.47	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	9.170	0.0200	9.026	0.2946	0.0743	57	0.49	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	9.180	0.0200	9.026	0.2946	0.0743	57	0.52	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	9.195	0.0100	9.026	0.2946	0.0743	57	0.57	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0651	9.197	0.0475	9.026	0.2946	0.0743	57	0.58	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0425	9.200	0.0200	9.026	0.2946	0.0743	57	0.59	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	9.205	0.1100	9.026	0.2946	0.0743	57	0.61	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	9.219	0.0328	9.026	0.2946	0.0743	57	0.65	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0123	9.230	0.1400	9.026	0.2946	0.0743	57	0.69	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	9.240	0.0000	9.026	0.2946	0.0743	57	0.73	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2268	9.250	0.0600	9.026	0.2946	0.0743	57	0.76	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	9.280	0.1200	9.026	0.2946	0.0743	57	0.86	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2184	9.280	0.0800	9.026	0.2946	0.0743	57	0.86	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	9.289	0.0010	9.026	0.2946	0.0743	57	0.89	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, HT, 135°C 2hr (%)	0722	9.372	0.0328	9.026	0.2946	0.0743	57	1.17	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0358	9.395	0.1100	9.026	0.2946	0.0743	57	1.25	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	9.400	0.3200	9.026	0.2946	0.0743	57	1.27	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	9.410	0.0400	9.026	0.2946	0.0743	57	1.30	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	9.515	0.0300	9.026	0.2946	0.0743	57	1.66	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0202	9.525	0.1100	9.026	0.2946	0.0743	57	1.69	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2199	7.450	0.5000	9.026	0.2946	0.0743	57	-5.35	9%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	8.755	0.1900				2			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	9.140	0.0400				2			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2174	8.825	0.0100				3			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2303	8.850	0.0980				3			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2168	8.885	0.0700				3			0
012.00	Starch, Polarimetric (Ewers) (%)	0848	12.44	0.1100	13.27	0.7343	0.1877	9	-1.14	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	12.62	0.0100	13.27	0.7343	0.1877	9	-0.90	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	12.70	0.2000	13.27	0.7343	0.1877	9	-0.78	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	13.00	0.2000	13.27	0.7343	0.1877	9	-0.37	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	13.15	0.0000	13.27	0.7343	0.1877	9	-0.17	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	13.50	0.2000	13.27	0.7343	0.1877	9	0.31	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	13.87	0.3314	13.27	0.7343	0.1877	9	0.82	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	13.98	0.3500	13.27	0.7343	0.1877	9	0.95	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	14.22	0.1000	13.27	0.7343	0.1877	9	1.29	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	12.13	1.260	13.27	0.7343	0.1877	9	-1.56	4%	1
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0676	10.60	0.3900	11.62	0.7888	0.3417	12	-1.30	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0366	10.90	0.2000	11.62	0.7888	0.3417	12	-0.91	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0870	11.09	0.2719	11.62	0.7888	0.3417	12	-0.67	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0164	11.25	0.5000	11.62	0.7888	0.3417	12	-0.47	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0407	11.32	0.2064	11.62	0.7888	0.3417	12	-0.37	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0045	11.40	0.6000	11.62	0.7888	0.3417	12	-0.28	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0956	11.40	0.2000	11.62	0.7888	0.3417	12	-0.28	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0148	11.83	0.4600	11.62	0.7888	0.3417	12	0.27	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0693	11.98	0.3300	11.62	0.7888	0.3417	12	0.46	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0171	12.05	0.3000	11.62	0.7888	0.3417	12	0.55	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0918	12.87	0.5420	11.62	0.7888	0.3417	12	1.59	5%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	2089	14.42	0.1000	11.62	0.7888	0.3417	12	3.55	12%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0407	14.95	0.2295				2			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0297	598.4	1,173				2			0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0510	10.55	0.5000	12.37	1.763	0.3370	7	-1.04	7%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	2129	11.41	0.0820	12.37	1.763	0.3370	7	-0.55	4%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0226	11.50	0.1700	12.37	1.763	0.3370	7	-0.50	4%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0278	11.75	0.1000	12.37	1.763	0.3370	7	-0.35	3%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0674	12.60	0.0000	12.37	1.763	0.3370	7	0.13	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0098	13.80	0.4000	12.37	1.763	0.3370	7	0.81	6%	0

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012.04	Starch, Enzymatic-Enzyme Membrane Technol	0948	15.36	0.7700	12.37	1.763	0.3370	7	1.69	12%	0
012.11	Starch, NIR (%)	0889	14.01	0.0600				1			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	12.10	0.0900				1			0
012.99	Starch, Miscellaneous (%)	2319	12.95	0.1000				1			0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0650	4.495	0.4700	5.248	0.5374	0.2163	16	-1.40	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0083	4.715	0.0700	5.248	0.5374	0.2163	16	-0.99	5%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2076	4.756	0.5113	5.248	0.5374	0.2163	16	-0.92	5%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2319	4.800	0.4000	5.248	0.5374	0.2163	16	-0.83	4%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0689	4.900	0.0000	5.248	0.5374	0.2163	16	-0.65	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2146	5.025	0.1900	5.248	0.5374	0.2163	16	-0.42	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0884	5.050	0.3000	5.248	0.5374	0.2163	16	-0.37	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0229	5.080	0.0600	5.248	0.5374	0.2163	16	-0.31	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0652	5.350	0.1000	5.248	0.5374	0.2163	16	0.19	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0948	5.370	0.0400	5.248	0.5374	0.2163	16	0.23	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0618	5.440	0.0182	5.248	0.5374	0.2163	16	0.36	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0541	5.490	0.0800	5.248	0.5374	0.2163	16	0.45	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0242	5.565	0.8500	5.248	0.5374	0.2163	16	0.59	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0297	5.935	0.1300	5.248	0.5374	0.2163	16	1.28	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0202	5.950	0.2600	5.248	0.5374	0.2163	16	1.31	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2150	6.625	0.0900	5.248	0.5374	0.2163	16	2.56	13%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0038	4.065	0.3500	5.477	0.6800	0.1306	12	-2.08	13%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0643	4.715	0.0900	5.477	0.6800	0.1306	12	-1.12	7%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0098	4.905	0.1100	5.477	0.6800	0.1306	12	-0.84	5%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0853	4.950	0.1000	5.477	0.6800	0.1306	12	-0.78	5%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0148	5.600	0.0800	5.477	0.6800	0.1306	12	0.18	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0682	5.620	0.0000	5.477	0.6800	0.1306	12	0.21	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0921	5.640	0.0780	5.477	0.6800	0.1306	12	0.24	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0870	5.689	0.1102	5.477	0.6800	0.1306	12	0.31	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0164	5.700	0.2800	5.477	0.6800	0.1306	12	0.33	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2259	5.842	0.1100	5.477	0.6800	0.1306	12	0.54	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0676	6.110	0.0000	5.477	0.6800	0.1306	12	0.93	6%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0407	6.625	0.1700	5.477	0.6800	0.1306	12	1.69	10%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2188	4.880	0.0000	4.976	0.1095	0.0835	6	-0.88	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2268	4.915	0.1500	4.976	0.1095	0.0835	6	-0.56	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0610	4.935	0.0500	4.976	0.1095	0.0835	6	-0.38	0%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0036	4.948	0.1238	4.976	0.1095	0.0835	6	-0.26	0%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2196	5.040	0.0000	4.976	0.1095	0.0835	6	0.58	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0353	5.395	0.0100	4.976	0.1095	0.0835	6	3.82	4%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0581	4.615	0.0100	5.418	0.6075	0.2300	10	-1.32	7%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2129	4.845	0.0030	5.418	0.6075	0.2300	10	-0.94	5%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0675	4.930	0.1000	5.418	0.6075	0.2300	10	-0.80	5%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0968	5.240	0.0800	5.418	0.6075	0.2300	10	-0.29	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0003	5.315	0.1300	5.418	0.6075	0.2300	10	-0.17	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0939	5.435	0.6900	5.418	0.6075	0.2300	10	0.03	0%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0843	5.810	0.1800	5.418	0.6075	0.2300	10	0.64	4%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0876	5.825	0.2100	5.418	0.6075	0.2300	10	0.67	4%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0074	5.840	0.8600	5.418	0.6075	0.2300	10	0.69	4%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0407	7.815	0.3515	5.418	0.6075	0.2300	10	3.94	22%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	108.8	0.2229				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	109.5	1.000				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	112.6	7.300				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	86.67	10.97				3			2
015.42	Aluminum, ICP, Open vessel (ppm)	0037	41.15	1.300				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	90.39	4.180				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	83.50	1.000	114.9	17.27	2.930	7	-1.82	14%	0
015.43	Aluminum, ICP, Microwave (ppm)	0297	109.0	4.000	114.9	17.27	2.930	7	-0.34	3%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	112.5	3.000	114.9	17.27	2.930	7	-0.14	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	113.4	1.532	114.9	17.27	2.930	7	-0.09	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	113.7	3.800	114.9	17.27	2.930	7	-0.07	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0964	132.5	1.000	114.9	17.27	2.930	7	1.02	8%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	134.0	8.000	114.9	17.27	2.930	7	1.11	8%	0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	119.1	1.051				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0939	123.5	3.000				2			0
015.99	Aluminum, Miscellaneous (ppm)	0123	60.00	1.200				1			0
017.41	Boron, ICP, Dry ash (ppm)	0358	8.355	0.0100	9.568	1.097	0.3111	5			0
017.41	Boron, ICP, Dry ash (ppm)	0407	9.049	0.0156	9.568	1.097	0.3111	5			0
017.41	Boron, ICP, Dry ash (ppm)	0229	9.145	0.5900	9.568	1.097	0.3111	5			0
017.41	Boron, ICP, Dry ash (ppm)	0226	10.11	0.2600	9.568	1.097	0.3111	5			0
017.41	Boron, ICP, Dry ash (ppm)	0049	11.18	0.6800	9.568	1.097	0.3111	5			0
017.42	Boron, ICP, Open vessel (ppm)	0294	7.245	0.1300	8.162	0.7622	0.2652	5			0
017.42	Boron, ICP, Open vessel (ppm)	2129	7.669	0.4910	8.162	0.7622	0.2652	5			0
017.42	Boron, ICP, Open vessel (ppm)	0045	8.135	0.3700	8.162	0.7622	0.2652	5			0
017.42	Boron, ICP, Open vessel (ppm)	0693	8.564	0.1350	8.162	0.7622	0.2652	5			0
017.42	Boron, ICP, Open vessel (ppm)	0037	9.200	0.2000	8.162	0.7622	0.2652	5			0
017.43	Boron, ICP, Microwave (ppm)	0345	7.550	0.5000	9.111	0.4389	0.5161	6	-3.56	9%	0
017.43	Boron, ICP, Microwave (ppm)	0510	9.000	0.0000	9.111	0.4389	0.5161	6	-0.25	1%	0
017.43	Boron, ICP, Microwave (ppm)	0918	9.100	0.4600	9.111	0.4389	0.5161	6	-0.02	0%	0
017.43	Boron, ICP, Microwave (ppm)	0407	9.111	0.1045	9.111	0.4389	0.5161	6	0.00	0%	0
017.43	Boron, ICP, Microwave (ppm)	0083	9.500	0.0000	9.111	0.4389	0.5161	6	0.89	2%	0
017.43	Boron, ICP, Microwave (ppm)	0353	9.500	1.000	9.111	0.4389	0.5161	6	0.89	2%	0
017.43	Boron, ICP, Microwave (ppm)	0297	0.0000	0.0000	9.111	0.4389	0.5161	6			4
017.53	Boron, ICP-MS, Microwave (ppm)	0407	9.004	0.0060				1			0
017.99	Boron, Miscellaneous (ppm)	0123	11.67	0.3400				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	0.9550	0.0100	1.025	0.0825	0.0157	6	-0.84	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	0.9580	0.0020	1.025	0.0825	0.0157	6	-0.81	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	1.000	0.0200	1.025	0.0825	0.0157	6	-0.30	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2190	1.027	0.0165	1.025	0.0825	0.0157	6	0.02	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	1.060	0.0000	1.025	0.0825	0.0157	6	0.43	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.153	0.0300	1.025	0.0825	0.0157	6	1.55	6%	0
019.08	Calcium, EDTA (%)	2188	0.9500	0.0000	1.034	0.0564	0.0217	12	-1.49	4%	0
019.08	Calcium, EDTA (%)	2196	0.9900	0.0000	1.034	0.0564	0.0217	12	-0.78	2%	0
019.08	Calcium, EDTA (%)	0590	1.000	0.0000	1.034	0.0564	0.0217	12	-0.60	2%	0
019.08	Calcium, EDTA (%)	2397	1.000	0.0400	1.034	0.0564	0.0217	12	-0.60	2%	0
019.08	Calcium, EDTA (%)	2200	1.005	0.0300	1.034	0.0564	0.0217	12	-0.51	1%	0
019.08	Calcium, EDTA (%)	2337	1.015	0.0100	1.034	0.0564	0.0217	12	-0.34	1%	0
019.08	Calcium, EDTA (%)	2009	1.023	0.0017	1.034	0.0564	0.0217	12	-0.19	1%	0
019.08	Calcium, EDTA (%)	2199	1.064	0.0480	1.034	0.0564	0.0217	12	0.53	1%	0
019.08	Calcium, EDTA (%)	2193	1.070	0.0200	1.034	0.0564	0.0217	12	0.64	2%	0
019.08	Calcium, EDTA (%)	0885	1.080	0.0058	1.034	0.0564	0.0217	12	0.82	2%	0
019.08	Calcium, EDTA (%)	0689	1.095	0.0300	1.034	0.0564	0.0217	12	1.08	3%	0
019.08	Calcium, EDTA (%)	2434	1.115	0.0100	1.034	0.0564	0.0217	12	1.44	4%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.135	0.0310				1			0
019.31	Calcium, AAS, Dry ash (%)	0921	0.1420	0.0020	0.9803	0.0606	0.0235	17	-13.84	43%	0
019.31	Calcium, AAS, Dry ash (%)	0018	0.7700	0.0480	0.9803	0.0606	0.0235	17	-3.47	11%	0
019.31	Calcium, AAS, Dry ash (%)	0536	0.8950	0.0100	0.9803	0.0606	0.0235	17	-1.41	4%	0
019.31	Calcium, AAS, Dry ash (%)	0563	0.9399	0.0163	0.9803	0.0606	0.0235	17	-0.67	2%	0
019.31	Calcium, AAS, Dry ash (%)	2246	0.9500	0.0000	0.9803	0.0606	0.0235	17	-0.50	2%	0
019.31	Calcium, AAS, Dry ash (%)	0001	0.9504	0.0324	0.9803	0.0606	0.0235	17	-0.49	2%	0
019.31	Calcium, AAS, Dry ash (%)	0038	0.9880	0.0100	0.9803	0.0606	0.0235	17	0.13	0%	0
019.31	Calcium, AAS, Dry ash (%)	0687	0.9900	0.0400	0.9803	0.0606	0.0235	17	0.16	0%	0
019.31	Calcium, AAS, Dry ash (%)	0651	0.9923	0.0028	0.9803	0.0606	0.0235	17	0.20	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.000	0.0200	0.9803	0.0606	0.0235	17	0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	1.000	0.0000	0.9803	0.0606	0.0235	17	0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	0622	1.006	0.0113	0.9803	0.0606	0.0235	17	0.42	1%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.020	0.0400	0.9803	0.0606	0.0235	17	0.65	2%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.025	0.0900	0.9803	0.0606	0.0235	17	0.74	2%	0
019.31	Calcium, AAS, Dry ash (%)	0722	1.029	0.0373	0.9803	0.0606	0.0235	17	0.81	2%	0
019.31	Calcium, AAS, Dry ash (%)	2146	1.030	0.0200	0.9803	0.0606	0.0235	17	0.82	3%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.085	0.0100	0.9803	0.0606	0.0235	17	1.73	5%	0
019.32	Calcium, AAS, Open vessel (%)	0169	0.9850	0.0100				1			0
019.41	Calcium, ICP, Dry ash (%)	0848	0.9400	0.0000	1.014	0.0649	0.0186	17	-1.15	4%	0
019.41	Calcium, ICP, Dry ash (%)	0066	0.9420	0.0300	1.014	0.0649	0.0186	17	-1.11	4%	0
019.41	Calcium, ICP, Dry ash (%)	0229	0.9450	0.0500	1.014	0.0649	0.0186	17	-1.07	3%	0
019.41	Calcium, ICP, Dry ash (%)	0019	0.9650	0.0100	1.014	0.0649	0.0186	17	-0.76	2%	0
019.41	Calcium, ICP, Dry ash (%)	0358	0.9650	0.0100	1.014	0.0649	0.0186	17	-0.76	2%	0
019.41	Calcium, ICP, Dry ash (%)	0148	0.9705	0.0190	1.014	0.0649	0.0186	17	-0.68	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
019.41	Calcium, ICP, Dry ash (%)	0004	0.9950	0.0100	1.014	0.0649	0.0186	17	-0.30	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	0.9950	0.0100	1.014	0.0649	0.0186	17	-0.30	1%	0
019.41	Calcium, ICP, Dry ash (%)	0144	0.9950	0.0300	1.014	0.0649	0.0186	17	-0.30	1%	0
019.41	Calcium, ICP, Dry ash (%)	0674	1.010	0.0000	1.014	0.0649	0.0186	17	-0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	2259	1.050	0.0020	1.014	0.0649	0.0186	17	0.55	2%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.050	0.0200	1.014	0.0649	0.0186	17	0.55	2%	0
019.41	Calcium, ICP, Dry ash (%)	2114	1.061	0.0190	1.014	0.0649	0.0186	17	0.72	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.065	0.0100	1.014	0.0649	0.0186	17	0.78	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.083	0.0003	1.014	0.0649	0.0186	17	1.06	3%	0
019.41	Calcium, ICP, Dry ash (%)	0685	1.100	0.0400	1.014	0.0649	0.0186	17	1.32	4%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.119	0.0280	1.014	0.0649	0.0186	17	1.61	5%	0
019.42	Calcium, ICP, Open vessel (%)	0504	0.8590	0.0280	1.011	0.0872	0.0246	16	-1.75	8%	0
019.42	Calcium, ICP, Open vessel (%)	2129	0.9075	0.0050	1.011	0.0872	0.0246	16	-1.19	5%	0
019.42	Calcium, ICP, Open vessel (%)	0357	0.9355	0.0175	1.011	0.0872	0.0246	16	-0.87	4%	0
019.42	Calcium, ICP, Open vessel (%)	0294	0.9600	0.0200	1.011	0.0872	0.0246	16	-0.59	3%	0
019.42	Calcium, ICP, Open vessel (%)	0366	0.9650	0.1100	1.011	0.0872	0.0246	16	-0.53	2%	0
019.42	Calcium, ICP, Open vessel (%)	2319	0.9805	0.0590	1.011	0.0872	0.0246	16	-0.35	2%	0
019.42	Calcium, ICP, Open vessel (%)	0870	0.9860	0.0209	1.011	0.0872	0.0246	16	-0.29	1%	0
019.42	Calcium, ICP, Open vessel (%)	0263	0.9875	0.0090	1.011	0.0872	0.0246	16	-0.27	1%	0
019.42	Calcium, ICP, Open vessel (%)	0186	0.9998	0.0046	1.011	0.0872	0.0246	16	-0.13	1%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.013	0.0240	1.011	0.0872	0.0246	16	0.02	0%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.063	0.0027	1.011	0.0872	0.0246	16	0.59	3%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.067	0.0550	1.011	0.0872	0.0246	16	0.64	3%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.075	0.0100	1.011	0.0872	0.0246	16	0.73	3%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.075	0.0500	1.011	0.0872	0.0246	16	0.73	3%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.170	0.0200	1.011	0.0872	0.0246	16	1.82	8%	0
019.42	Calcium, ICP, Open vessel (%)	2375	1.255	0.0100	1.011	0.0872	0.0246	16	2.80	12%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.010	0.2000	1.011	0.0872	0.0246	16	-0.01	0%	1
019.43	Calcium, ICP, Microwave (%)	0297	0.9350	0.0500	1.013	0.0473	0.0203	28	-1.64	4%	0
019.43	Calcium, ICP, Microwave (%)	2089	0.9500	0.0000	1.013	0.0473	0.0203	28	-1.32	3%	0
019.43	Calcium, ICP, Microwave (%)	0083	0.9530	0.0160	1.013	0.0473	0.0203	28	-1.26	3%	0
019.43	Calcium, ICP, Microwave (%)	0610	0.9600	0.0200	1.013	0.0473	0.0203	28	-1.11	3%	0
019.43	Calcium, ICP, Microwave (%)	0511	0.9650	0.0100	1.013	0.0473	0.0203	28	-1.01	2%	0
019.43	Calcium, ICP, Microwave (%)	0226	0.9700	0.0200	1.013	0.0473	0.0203	28	-0.90	2%	0
019.43	Calcium, ICP, Microwave (%)	2192	0.9850	0.0100	1.013	0.0473	0.0203	28	-0.58	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	0.9895	0.0130	1.013	0.0473	0.0203	28	-0.49	1%	0
019.43	Calcium, ICP, Microwave (%)	0036	0.9927	0.0258	1.013	0.0473	0.0203	28	-0.42	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	0.9940	0.0860	1.013	0.0473	0.0203	28	-0.39	1%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.000	0.0200	1.013	0.0473	0.0203	28	-0.27	1%	0
019.43	Calcium, ICP, Microwave (%)	0017	1.004	0.0024	1.013	0.0473	0.0203	28	-0.17	0%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.005	0.0100	1.013	0.0473	0.0203	28	-0.16	0%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.009	0.0070	1.013	0.0473	0.0203	28	-0.09	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	0682	1.010	0.0000	1.013	0.0473	0.0203	28	-0.05	0%	0
019.43	Calcium, ICP, Microwave (%)	0512	1.016	0.0697	1.013	0.0473	0.0203	28	0.08	0%	0
019.43	Calcium, ICP, Microwave (%)	0870	1.016	0.0835	1.013	0.0473	0.0203	28	0.08	0%	0
019.43	Calcium, ICP, Microwave (%)	0505	1.020	0.0200	1.013	0.0473	0.0203	28	0.16	0%	0
019.43	Calcium, ICP, Microwave (%)	0941	1.021	0.0010	1.013	0.0473	0.0203	28	0.17	0%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.027	0.0300	1.013	0.0473	0.0203	28	0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	0010	1.035	0.0300	1.013	0.0473	0.0203	28	0.47	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.045	0.0100	1.013	0.0473	0.0203	28	0.69	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.050	0.0000	1.013	0.0473	0.0203	28	0.79	2%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.070	0.0000	1.013	0.0473	0.0203	28	1.21	3%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.072	0.0062	1.013	0.0473	0.0203	28	1.27	3%	0
019.43	Calcium, ICP, Microwave (%)	0876	1.100	0.0000	1.013	0.0473	0.0203	28	1.85	4%	0
019.43	Calcium, ICP, Microwave (%)	0407	1.123	0.0251	1.013	0.0473	0.0203	28	2.33	5%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.180	0.0200	1.013	0.0473	0.0203	28	3.54	8%	0
019.43	Calcium, ICP, Microwave (%)	2322	9,741	6.900	1.013	0.0473	0.0203	28	>100	480979%	2
019.44	Calcium, ICP, Dry ash (%)	0164	0.9710	0.0060				2			0
019.44	Calcium, ICP, Dry ash (%)	2445	0.9750	0.0100				2			0
019.51	Calcium, ICP-MS, Dry ash (%)	2146	1.030	0.0600				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	0.9613	0.0162				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	0.9850	0.0300				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	1.018	0.0214				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0199	0.8870	0.0700				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	1.022	0.0040				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	1.045	0.0100				3			0
019.99	Calcium, Miscellaneous (%)	0242	0.9400	0.0000	0.9891	0.0491	0.0333	8	-1.00	2%	0
019.99	Calcium, Miscellaneous (%)	2144	0.9550	0.0100	0.9891	0.0491	0.0333	8	-0.69	2%	0
019.99	Calcium, Miscellaneous (%)	0590	0.9600	0.0400	0.9891	0.0491	0.0333	8	-0.59	1%	0
019.99	Calcium, Miscellaneous (%)	0889	0.9700	0.0000	0.9891	0.0491	0.0333	8	-0.39	1%	0
019.99	Calcium, Miscellaneous (%)	0100	0.9800	0.0000	0.9891	0.0491	0.0333	8	-0.19	0%	0
019.99	Calcium, Miscellaneous (%)	0123	1.005	0.0500	0.9891	0.0491	0.0333	8	0.32	1%	0
019.99	Calcium, Miscellaneous (%)	2302	1.040	0.0000	0.9891	0.0491	0.0333	8	1.04	3%	0
019.99	Calcium, Miscellaneous (%)	0676	1.080	0.0000	0.9891	0.0491	0.0333	8	1.85	5%	0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	1.680	0.5000				1			0
021.31	Cobalt, AAS, Dry ash (ppm)	0563	< 5					1			5
021.41	Cobalt, ICP, Dry ash (ppm)	0148	1.220	0.0200	1.612	0.3151	0.0362	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0066	1.551	0.0510	1.612	0.3151	0.0362	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0164	1.700	0.0000	1.612	0.3151	0.0362	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	1.976	0.0376	1.612	0.3151	0.0362	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	2.070	0.1600	1.612	0.3151	0.0362	4			1
021.42	Cobalt, ICP, Open vessel (ppm)	0366	1.400	0.0000				3			0
021.42	Cobalt, ICP, Open vessel (ppm)	0693	1.408	0.5420				3			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	1.650	0.1800				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
021.43	Cobalt, ICP, Microwave (ppm)	0297	1.000	0.0000	1.877	0.1739	0.0908	8	-5.04	23%	0
021.43	Cobalt, ICP, Microwave (ppm)	0968	1.783	0.0150	1.877	0.1739	0.0908	8	-0.54	3%	0
021.43	Cobalt, ICP, Microwave (ppm)	0682	1.800	0.0000	1.877	0.1739	0.0908	8	-0.44	2%	0
021.43	Cobalt, ICP, Microwave (ppm)	0510	1.835	0.0500	1.877	0.1739	0.0908	8	-0.24	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	1.905	0.0900	1.877	0.1739	0.0908	8	0.16	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0027	1.954	0.3160	1.877	0.1739	0.0908	8	0.44	2%	0
021.43	Cobalt, ICP, Microwave (ppm)	0964	2.015	0.1100	1.877	0.1739	0.0908	8	0.79	4%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	2.110	0.0856	1.877	0.1739	0.0908	8	1.34	6%	0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	1.054	0.0773				2			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0047	2.750	0.5000				2			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0199	0.7855	0.1850	1.686	0.6119	0.1715	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	1.820	0.2400	1.686	0.6119	0.1715	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	2.048	0.1609	1.686	0.6119	0.1715	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0610	2.090	0.1000	1.686	0.6119	0.1715	4			0
021.99	Cobalt, Miscellaneous (ppm)	0123	1.670	0.0000				1			0
022.31	Copper, AAS, Dry ash (ppm)	0001	16.14	1.080	18.70	2.281	0.8043	9	-1.12	7%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	16.90	0.4900	18.70	2.281	0.8043	9	-0.79	5%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	17.12	0.1000	18.70	2.281	0.8043	9	-0.69	4%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	17.64	0.0000	18.70	2.281	0.8043	9	-0.46	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0622	17.95	1.082	18.70	2.281	0.8043	9	-0.33	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	19.70	2.000	18.70	2.281	0.8043	9	0.44	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0651	20.10	0.5658	18.70	2.281	0.8043	9	0.61	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	20.63	1.000	18.70	2.281	0.8043	9	0.85	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0536	48.30	0.5000	18.70	2.281	0.8043	9	12.98	79%	0
022.31	Copper, AAS, Dry ash (ppm)	0722	20.66	4.403	18.70	2.281	0.8043	9	0.86	5%	1
022.31	Copper, AAS, Dry ash (ppm)	0563	< 25		18.70	2.281	0.8043	9			5
022.32	Copper, AAS, Open vessel (ppm)	0038	13.60	0.0000				1			0
022.33	Copper, AAS, Microwave (ppm)	2246	14.52	2.040				3			0
022.33	Copper, AAS, Microwave (ppm)	0948	17.91	0.5600				3			0
022.33	Copper, AAS, Microwave (ppm)	0010	17.95	0.7000				3			0
022.41	Copper, ICP, Dry ash (ppm)	0674	12.56	0.0000	16.22	2.173	0.3930	12	-1.69	11%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	13.35	0.0230	16.22	2.173	0.3930	12	-1.32	9%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	14.53	0.3115	16.22	2.173	0.3930	12	-0.78	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	15.31	1.790	16.22	2.173	0.3930	12	-0.42	3%	0
022.41	Copper, ICP, Dry ash (ppm)	2114	15.49	0.3460	16.22	2.173	0.3930	12	-0.33	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	16.16	0.0700	16.22	2.173	0.3930	12	-0.03	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	17.07	0.2800	16.22	2.173	0.3930	12	0.39	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	17.23	0.2806	16.22	2.173	0.3930	12	0.46	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	17.49	0.0000	16.22	2.173	0.3930	12	0.58	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	18.12	0.1400	16.22	2.173	0.3930	12	0.87	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	18.24	0.6200	16.22	2.173	0.3930	12	0.93	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	18.72	0.9080	16.22	2.173	0.3930	12	1.15	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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)	0049	16.46	2.740	16.22	2.173	0.3930	12	0.11	1%	1
022.42	Copper, ICP, Open vessel (ppm)	0870	15.90	0.4200	18.14	1.465	0.3565	16	-1.53	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	16.66	0.1100	18.14	1.465	0.3565	16	-1.01	4%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	17.00	0.0000	18.14	1.465	0.3565	16	-0.78	3%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	17.06	0.0500	18.14	1.465	0.3565	16	-0.74	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	17.30	1.600	18.14	1.465	0.3565	16	-0.57	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	17.36	0.0100	18.14	1.465	0.3565	16	-0.53	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	17.70	0.0720	18.14	1.465	0.3565	16	-0.30	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	17.90	0.6000	18.14	1.465	0.3565	16	-0.16	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	18.00	0.0000	18.14	1.465	0.3565	16	-0.09	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	18.44	0.0500	18.14	1.465	0.3565	16	0.20	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	18.46	0.5800	18.14	1.465	0.3565	16	0.22	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0504	18.50	0.6000	18.14	1.465	0.3565	16	0.25	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	19.81	0.2000	18.14	1.465	0.3565	16	1.14	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	19.89	0.9900	18.14	1.465	0.3565	16	1.19	5%	0
022.42	Copper, ICP, Open vessel (ppm)	2375	20.00	0.0000	18.14	1.465	0.3565	16	1.27	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	20.22	0.0600	18.14	1.465	0.3565	16	1.42	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	19.35	2.500	18.14	1.465	0.3565	16	0.83	3%	1
022.43	Copper, ICP, Microwave (ppm)	0353	15.00	2.000	17.74	1.315	0.8742	29	-2.09	8%	0
022.43	Copper, ICP, Microwave (ppm)	0511	16.00	2.000	17.74	1.315	0.8742	29	-1.33	5%	0
022.43	Copper, ICP, Microwave (ppm)	0610	16.25	0.1000	17.74	1.315	0.8742	29	-1.14	4%	0
022.43	Copper, ICP, Microwave (ppm)	0345	16.49	0.2200	17.74	1.315	0.8742	29	-0.95	4%	0
022.43	Copper, ICP, Microwave (ppm)	0202	16.60	0.8000	17.74	1.315	0.8742	29	-0.87	3%	0
022.43	Copper, ICP, Microwave (ppm)	2089	16.86	0.9000	17.74	1.315	0.8742	29	-0.67	2%	0
022.43	Copper, ICP, Microwave (ppm)	2322	16.90	0.0100	17.74	1.315	0.8742	29	-0.65	2%	0
022.43	Copper, ICP, Microwave (ppm)	0964	16.90	2.000	17.74	1.315	0.8742	29	-0.64	2%	0
022.43	Copper, ICP, Microwave (ppm)	0512	16.91	1.740	17.74	1.315	0.8742	29	-0.63	2%	0
022.43	Copper, ICP, Microwave (ppm)	0297	17.00	2.000	17.74	1.315	0.8742	29	-0.57	2%	0
022.43	Copper, ICP, Microwave (ppm)	0226	17.02	0.0900	17.74	1.315	0.8742	29	-0.56	2%	0
022.43	Copper, ICP, Microwave (ppm)	0083	17.13	0.2300	17.74	1.315	0.8742	29	-0.47	2%	0
022.43	Copper, ICP, Microwave (ppm)	0017	17.25	0.0984	17.74	1.315	0.8742	29	-0.38	1%	0
022.43	Copper, ICP, Microwave (ppm)	0098	17.51	0.3400	17.74	1.315	0.8742	29	-0.18	1%	0
022.43	Copper, ICP, Microwave (ppm)	0407	17.58	0.2899	17.74	1.315	0.8742	29	-0.12	0%	0
022.43	Copper, ICP, Microwave (ppm)	0941	17.80	0.0000	17.74	1.315	0.8742	29	0.04	0%	0
022.43	Copper, ICP, Microwave (ppm)	0169	17.95	0.3000	17.74	1.315	0.8742	29	0.16	1%	0
022.43	Copper, ICP, Microwave (ppm)	0035	18.00	0.0000	17.74	1.315	0.8742	29	0.19	1%	0
022.43	Copper, ICP, Microwave (ppm)	0510	18.00	0.0000	17.74	1.315	0.8742	29	0.19	1%	0
022.43	Copper, ICP, Microwave (ppm)	0918	18.02	1.940	17.74	1.315	0.8742	29	0.21	1%	0
022.43	Copper, ICP, Microwave (ppm)	0682	18.40	0.0000	17.74	1.315	0.8742	29	0.50	2%	0
022.43	Copper, ICP, Microwave (ppm)	0870	18.55	2.030	17.74	1.315	0.8742	29	0.61	2%	0
022.43	Copper, ICP, Microwave (ppm)	0675	18.95	0.5100	17.74	1.315	0.8742	29	0.91	3%	0
022.43	Copper, ICP, Microwave (ppm)	0027	19.12	0.6550	17.74	1.315	0.8742	29	1.05	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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)	0968	19.16	0.0010	17.74	1.315	0.8742	29	1.08	4%	0
022.43	Copper, ICP, Microwave (ppm)	2445	19.36	0.4600	17.74	1.315	0.8742	29	1.23	5%	0
022.43	Copper, ICP, Microwave (ppm)	2192	19.70	0.2000	17.74	1.315	0.8742	29	1.49	6%	0
022.43	Copper, ICP, Microwave (ppm)	0848	20.03	0.8810	17.74	1.315	0.8742	29	1.74	6%	0
022.43	Copper, ICP, Microwave (ppm)	0505	20.74	2.060	17.74	1.315	0.8742	29	2.28	8%	0
022.44	Copper, ICP, Dry ash (ppm)	0066	17.21	0.5300				2			0
022.44	Copper, ICP, Dry ash (ppm)	0164	19.50	1.000				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	17.30	1.345				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	22.50	1.400				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0199	15.28	2.790				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	16.16	1.340				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	18.50	0.8379				3			0
022.99	Copper, Miscellaneous (ppm)	0100	15.00	2.000	16.79	1.563	1.625	4			0
022.99	Copper, Miscellaneous (ppm)	0242	16.50	1.000	16.79	1.563	1.625	4			0
022.99	Copper, Miscellaneous (ppm)	0590	16.85	1.500	16.79	1.563	1.625	4			0
022.99	Copper, Miscellaneous (ppm)	0123	18.80	2.000	16.79	1.563	1.625	4			0
025.31	Iron, AAS, Dry ash (ppm)	0536	189.5	1.000	257.9	42.55	4.355	10	-1.61	13%	0
025.31	Iron, AAS, Dry ash (ppm)	0689	196.8	7.100	257.9	42.55	4.355	10	-1.44	12%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	257.4	2.580	257.9	42.55	4.355	10	-0.01	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0651	259.1	0.5153	257.9	42.55	4.355	10	0.03	0%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	259.9	0.0000	257.9	42.55	4.355	10	0.05	0%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	260.0	0.0200	257.9	42.55	4.355	10	0.05	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	264.9	7.604	257.9	42.55	4.355	10	0.17	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	283.2	0.6200	257.9	42.55	4.355	10	0.60	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	288.8	8.100	257.9	42.55	4.355	10	0.73	6%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	314.5	15.00	257.9	42.55	4.355	10	1.33	11%	0
025.31	Iron, AAS, Dry ash (ppm)	0921	255.0	52.00	257.9	42.55	4.355	10	-0.07	1%	1
025.33	Iron, AAS, Microwave (ppm)	2246	253.1	5.030				2			0
025.33	Iron, AAS, Microwave (ppm)	0948	256.2	0.1200				2			0
025.41	Iron, ICP, Dry ash (ppm)	0066	224.3	6.360	261.3	18.54	5.958	15	-1.99	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	235.0	3.370	261.3	18.54	5.958	15	-1.41	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0674	235.5	0.0000	261.3	18.54	5.958	15	-1.39	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	252.8	6.210	261.3	18.54	5.958	15	-0.46	2%	0
025.41	Iron, ICP, Dry ash (ppm)	2114	257.7	3.430	261.3	18.54	5.958	15	-0.19	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	260.8	9.030	261.3	18.54	5.958	15	-0.02	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	262.9	3.100	261.3	18.54	5.958	15	0.09	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	263.0	0.0000	261.3	18.54	5.958	15	0.09	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	263.2	17.30	261.3	18.54	5.958	15	0.10	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	267.9	3.500	261.3	18.54	5.958	15	0.36	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	271.0	15.41	261.3	18.54	5.958	15	0.53	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	274.7	3.430	261.3	18.54	5.958	15	0.72	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	275.5	3.100	261.3	18.54	5.958	15	0.77	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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)	0598	276.5	3.617	261.3	18.54	5.958	15	0.82	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	292.0	9.184	261.3	18.54	5.958	15	1.66	6%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	127.2	8.400	252.3	32.75	5.405	15	-3.82	25%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	202.3	1.830	252.3	32.75	5.405	15	-1.53	10%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	218.5	1.600	252.3	32.75	5.405	15	-1.03	7%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	240.5	17.00	252.3	32.75	5.405	15	-0.36	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	244.8	0.0300	252.3	32.75	5.405	15	-0.23	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	246.1	1.600	252.3	32.75	5.405	15	-0.19	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0357	250.0	1.872	252.3	32.75	5.405	15	-0.07	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	251.9	1.334	252.3	32.75	5.405	15	-0.01	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	256.0	30.00	252.3	32.75	5.405	15	0.11	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	257.5	27.00	252.3	32.75	5.405	15	0.16	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	267.5	5.000	252.3	32.75	5.405	15	0.47	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0504	271.5	7.000	252.3	32.75	5.405	15	0.59	4%	0
025.42	Iron, ICP, Open vessel (ppm)	2375	277.0	6.000	252.3	32.75	5.405	15	0.76	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	296.1	1.820	252.3	32.75	5.405	15	1.34	9%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	300.2	3.200	252.3	32.75	5.405	15	1.46	10%	0
025.43	Iron, ICP, Microwave (ppm)	0941	162.0	0.0000	261.0	24.08	9.218	26	-4.11	19%	0
025.43	Iron, ICP, Microwave (ppm)	2089	208.0	0.7500	261.0	24.08	9.218	26	-2.20	10%	0
025.43	Iron, ICP, Microwave (ppm)	0017	212.6	34.00	261.0	24.08	9.218	26	-2.01	9%	0
025.43	Iron, ICP, Microwave (ppm)	0083	229.6	1.700	261.0	24.08	9.218	26	-1.31	6%	0
025.43	Iron, ICP, Microwave (ppm)	0345	238.3	6.600	261.0	24.08	9.218	26	-0.94	4%	0
025.43	Iron, ICP, Microwave (ppm)	0226	245.1	2.390	261.0	24.08	9.218	26	-0.66	3%	0
025.43	Iron, ICP, Microwave (ppm)	0297	253.5	3.000	261.0	24.08	9.218	26	-0.31	1%	0
025.43	Iron, ICP, Microwave (ppm)	0968	253.5	4.730	261.0	24.08	9.218	26	-0.31	1%	0
025.43	Iron, ICP, Microwave (ppm)	0169	257.0	10.00	261.0	24.08	9.218	26	-0.17	1%	0
025.43	Iron, ICP, Microwave (ppm)	0870	257.3	22.10	261.0	24.08	9.218	26	-0.16	1%	0
025.43	Iron, ICP, Microwave (ppm)	0511	258.0	16.00	261.0	24.08	9.218	26	-0.13	1%	0
025.43	Iron, ICP, Microwave (ppm)	0510	258.5	1.000	261.0	24.08	9.218	26	-0.11	0%	0
025.43	Iron, ICP, Microwave (ppm)	0918	259.3	0.0600	261.0	24.08	9.218	26	-0.07	0%	0
025.43	Iron, ICP, Microwave (ppm)	0682	259.4	0.0000	261.0	24.08	9.218	26	-0.07	0%	0
025.43	Iron, ICP, Microwave (ppm)	2322	260.6	0.2000	261.0	24.08	9.218	26	-0.02	0%	0
025.43	Iron, ICP, Microwave (ppm)	0505	263.3	1.500	261.0	24.08	9.218	26	0.09	0%	0
025.43	Iron, ICP, Microwave (ppm)	0610	270.0	12.00	261.0	24.08	9.218	26	0.37	2%	0
025.43	Iron, ICP, Microwave (ppm)	0512	271.0	34.90	261.0	24.08	9.218	26	0.41	2%	0
025.43	Iron, ICP, Microwave (ppm)	0675	271.7	3.150	261.0	24.08	9.218	26	0.44	2%	0
025.43	Iron, ICP, Microwave (ppm)	0964	274.5	19.00	261.0	24.08	9.218	26	0.56	3%	0
025.43	Iron, ICP, Microwave (ppm)	2192	275.0	4.000	261.0	24.08	9.218	26	0.58	3%	0
025.43	Iron, ICP, Microwave (ppm)	0035	282.5	1.000	261.0	24.08	9.218	26	0.89	4%	0
025.43	Iron, ICP, Microwave (ppm)	0098	287.3	14.80	261.0	24.08	9.218	26	1.09	5%	0
025.43	Iron, ICP, Microwave (ppm)	0876	294.5	20.10	261.0	24.08	9.218	26	1.39	6%	0
025.43	Iron, ICP, Microwave (ppm)	0353	295.5	27.00	261.0	24.08	9.218	26	1.43	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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	302.1	3.521	261.0	24.08	9.218	26	1.70	8%	0
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	215.9	5.100				2			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	254.4	6.400				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0199	98.00	14.00				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	257.0	14.00				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	274.3	2.118				3			0
025.99	Iron, Miscellaneous (ppm)	0242	246.5	1.000				3			0
025.99	Iron, Miscellaneous (ppm)	0123	257.5	3.000				3			0
025.99	Iron, Miscellaneous (ppm)	0100	262.0	26.00				3			0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.3100	0.0000				3			0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.3100	0.0000				3			0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.3269	0.0014				3			0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.1850	0.0100				3			2
027.33	Magnesium, AAS, Microwave (%)	0948	0.2815	0.0010				3			0
027.33	Magnesium, AAS, Microwave (%)	0010	0.3050	0.0100				3			0
027.33	Magnesium, AAS, Microwave (%)	2246	0.3250	0.0100				3			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.2755	0.0047	0.3043	0.0141	0.0053	12	-2.04	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.2900	0.0000	0.3043	0.0141	0.0053	12	-1.01	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.2910	0.0060	0.3043	0.0141	0.0053	12	-0.94	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.3000	0.0000	0.3043	0.0141	0.0053	12	-0.30	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.3000	0.0000	0.3043	0.0141	0.0053	12	-0.30	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.3050	0.0100	0.3043	0.0141	0.0053	12	0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.3055	0.0090	0.3043	0.0141	0.0053	12	0.08	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.3100	0.0000	0.3043	0.0141	0.0053	12	0.40	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.3100	0.0000	0.3043	0.0141	0.0053	12	0.40	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0674	0.3100	0.0000	0.3043	0.0141	0.0053	12	0.40	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.3216	0.0002	0.3043	0.0141	0.0053	12	1.22	3%	0
027.41	Magnesium, ICP, Dry ash (%)	2114	0.3255	0.0018	0.3043	0.0141	0.0053	12	1.50	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.3000	0.0200	0.3043	0.0141	0.0053	12	-0.30	1%	1
027.42	Magnesium, ICP, Open vessel (%)	2129	0.2850	0.0040	0.3111	0.0200	0.0082	16	-1.30	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.2875	0.0030	0.3111	0.0200	0.0082	16	-1.18	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.2950	0.0020	0.3111	0.0200	0.0082	16	-0.80	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.2950	0.0300	0.3111	0.0200	0.0082	16	-0.80	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.2999	0.0066	0.3111	0.0200	0.0082	16	-0.56	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.3045	0.0170	0.3111	0.0200	0.0082	16	-0.33	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.3050	0.0000	0.3111	0.0200	0.0082	16	-0.30	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.3100	0.0000	0.3111	0.0200	0.0082	16	-0.05	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.3106	0.0019	0.3111	0.0200	0.0082	16	-0.03	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.3129	0.0018	0.3111	0.0200	0.0082	16	0.09	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.3150	0.0100	0.3111	0.0200	0.0082	16	0.20	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.3150	0.0100	0.3111	0.0200	0.0082	16	0.20	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.3200	0.0000	0.3111	0.0200	0.0082	16	0.45	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
027.42	Magnesium, ICP, Open vessel (%)	0278	0.3400	0.0200	0.3111	0.0200	0.0082	16	1.45	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.3405	0.0010	0.3111	0.0200	0.0082	16	1.47	5%	0
027.42	Magnesium, ICP, Open vessel (%)	2375	0.3600	0.0000	0.3111	0.0200	0.0082	16	2.44	8%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.3025	0.0490	0.3111	0.0200	0.0082	16	-0.43	1%	1
027.43	Magnesium, ICP, Microwave (%)	0407	0.2760	0.0035	0.3071	0.0160	0.0119	24	-1.94	5%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.2790	0.0020	0.3071	0.0160	0.0119	24	-1.75	5%	0
027.43	Magnesium, ICP, Microwave (%)	0226	0.2900	0.0000	0.3071	0.0160	0.0119	24	-1.07	3%	0
027.43	Magnesium, ICP, Microwave (%)	0511	0.2900	0.0000	0.3071	0.0160	0.0119	24	-1.07	3%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.2900	0.0000	0.3071	0.0160	0.0119	24	-1.07	3%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.2950	0.0300	0.3071	0.0160	0.0119	24	-0.76	2%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.2960	0.0080	0.3071	0.0160	0.0119	24	-0.69	2%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.3000	0.0000	0.3071	0.0160	0.0119	24	-0.44	1%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.3000	0.0000	0.3071	0.0160	0.0119	24	-0.44	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.3075	0.0050	0.3071	0.0160	0.0119	24	0.02	0%	0
027.43	Magnesium, ICP, Microwave (%)	0941	0.3090	0.0000	0.3071	0.0160	0.0119	24	0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.3100	0.0200	0.3071	0.0160	0.0119	24	0.18	0%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.3100	0.0000	0.3071	0.0160	0.0119	24	0.18	0%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.3100	0.0000	0.3071	0.0160	0.0119	24	0.18	0%	0
027.43	Magnesium, ICP, Microwave (%)	2394	0.3100	0.0000	0.3071	0.0160	0.0119	24	0.18	0%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.3109	0.0298	0.3071	0.0160	0.0119	24	0.24	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.3115	0.0010	0.3071	0.0160	0.0119	24	0.27	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.3150	0.0100	0.3071	0.0160	0.0119	24	0.49	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.3200	0.0000	0.3071	0.0160	0.0119	24	0.80	2%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.3200	0.0000	0.3071	0.0160	0.0119	24	0.80	2%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.3200	0.0000	0.3071	0.0160	0.0119	24	0.80	2%	0
027.43	Magnesium, ICP, Microwave (%)	0876	0.3285	0.0190	0.3071	0.0160	0.0119	24	1.33	3%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.3300	0.0000	0.3071	0.0160	0.0119	24	1.43	4%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.3374	0.0022	0.3071	0.0160	0.0119	24	1.89	5%	0
027.43	Magnesium, ICP, Microwave (%)	2322	2,795	13.84	0.3071	0.0160	0.0119	24	>100	455009%	2
027.44	Magnesium, ICP, Dry ash (%)	0164	0.3000	0.0000				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.3016	0.0056				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.3071	0.0039				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.4250	0.0500				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0199	0.2645	0.0490				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.3034	0.0193				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.3200	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.2950	0.0100	0.3000	0.0041	0.0100	4			0
027.99	Magnesium, Miscellaneous (%)	0123	0.3000	0.0000	0.3000	0.0041	0.0100	4			0
027.99	Magnesium, Miscellaneous (%)	0590	0.3000	0.0000	0.3000	0.0041	0.0100	4			0
027.99	Magnesium, Miscellaneous (%)	0242	0.3050	0.0100	0.3000	0.0041	0.0100	4			0
027.99	Magnesium, Miscellaneous (%)	0889	0.2400	0.0000	0.3000	0.0041	0.0100	4			2
028.31	Manganese, AAS, Dry ash (ppm)	0689	76.55	0.5000	103.1	10.17	1.546	9	-2.61	13%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
028.31	Manganese, AAS, Dry ash (ppm)	2188	92.76	0.3100	103.1	10.17	1.546	9	-1.01	5%	0
028.31	Manganese, AAS, Dry ash (ppm)	0651	101.2	1.857	103.1	10.17	1.546	9	-0.18	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	102.0	3.103	103.1	10.17	1.546	9	-0.11	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	103.9	0.0000	103.1	10.17	1.546	9	0.08	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	104.2	2.280	103.1	10.17	1.546	9	0.11	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	107.2	3.200	103.1	10.17	1.546	9	0.41	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	110.2	0.1200	103.1	10.17	1.546	9	0.70	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0536	165.5	1.000	103.1	10.17	1.546	9	6.14	30%	0
028.32	Manganese, AAS, Open vessel (ppm)	0038	108.0	4.000				1			0
028.33	Manganese, AAS, Microwave (ppm)	0948	98.83	2.540				2			0
028.33	Manganese, AAS, Microwave (ppm)	2246	103.3	10.38				2			0
028.41	Manganese, ICP, Dry ash (ppm)	0226	82.58	0.3500	101.6	3.315	2.265	13	-5.74	9%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	94.70	2.870	101.6	3.315	2.265	13	-2.08	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0674	99.14	0.0000	101.6	3.315	2.265	13	-0.74	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	100.5	11.46	101.6	3.315	2.265	13	-0.32	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	101.2	0.4100	101.6	3.315	2.265	13	-0.13	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	101.5	1.700	101.6	3.315	2.265	13	-0.05	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	101.6	1.500	101.6	3.315	2.265	13	-0.02	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	102.3	0.2492	101.6	3.315	2.265	13	0.21	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	103.0	1.260	101.6	3.315	2.265	13	0.41	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	103.1	8.600	101.6	3.315	2.265	13	0.45	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	2114	103.8	5.110	101.6	3.315	2.265	13	0.66	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	105.0	0.4000	101.6	3.315	2.265	13	1.02	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	106.8	1.172	101.6	3.315	2.265	13	1.55	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	91.08	2.860	106.0	9.998	1.891	17	-1.49	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	94.01	0.2000	106.0	9.998	1.891	17	-1.20	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	97.19	0.3030	106.0	9.998	1.891	17	-0.88	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	99.10	0.8000	106.0	9.998	1.891	17	-0.69	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	99.55	2.900	106.0	9.998	1.891	17	-0.65	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	101.1	0.2000	106.0	9.998	1.891	17	-0.49	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0504	103.9	12.00	106.0	9.998	1.891	17	-0.21	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	105.2	0.9000	106.0	9.998	1.891	17	-0.09	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	105.3	0.6260	106.0	9.998	1.891	17	-0.07	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	106.5	3.000	106.0	9.998	1.891	17	0.05	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	107.0	2.000	106.0	9.998	1.891	17	0.10	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	108.4	2.860	106.0	9.998	1.891	17	0.24	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	110.0	1.330	106.0	9.998	1.891	17	0.39	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	114.5	1.000	106.0	9.998	1.891	17	0.85	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	117.6	8.400	106.0	9.998	1.891	17	1.16	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	2375	122.0	4.000	106.0	9.998	1.891	17	1.60	8%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	128.3	0.0500	106.0	9.998	1.891	17	2.23	11%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	98.00	20.00	106.0	9.998	1.891	17	-0.80	4%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
028.43	Manganese, ICP, Microwave (ppm)	0870	91.89	0.0000	102.1	6.013	2.535	27	-1.70	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	92.50	9.000	102.1	6.013	2.535	27	-1.60	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	95.62	0.9800	102.1	6.013	2.535	27	-1.08	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2322	96.00	0.8100	102.1	6.013	2.535	27	-1.02	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	97.20	5.849	102.1	6.013	2.535	27	-0.82	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	97.51	0.3900	102.1	6.013	2.535	27	-0.77	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	98.40	0.2000	102.1	6.013	2.535	27	-0.62	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	99.00	2.000	102.1	6.013	2.535	27	-0.52	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0226	99.38	0.2400	102.1	6.013	2.535	27	-0.46	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	99.50	1.000	102.1	6.013	2.535	27	-0.44	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	100.2	2.219	102.1	6.013	2.535	27	-0.32	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	100.2	1.200	102.1	6.013	2.535	27	-0.32	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	100.5	1.000	102.1	6.013	2.535	27	-0.27	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	101.1	1.080	102.1	6.013	2.535	27	-0.18	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	101.3	3.500	102.1	6.013	2.535	27	-0.15	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0512	101.9	5.000	102.1	6.013	2.535	27	-0.04	0%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	104.8	0.8500	102.1	6.013	2.535	27	0.44	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0941	105.0	0.0000	102.1	6.013	2.535	27	0.48	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	105.3	0.0000	102.1	6.013	2.535	27	0.52	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	105.4	4.528	102.1	6.013	2.535	27	0.54	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0043	106.0	4.015	102.1	6.013	2.535	27	0.65	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	107.8	3.500	102.1	6.013	2.535	27	0.94	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	108.0	4.000	102.1	6.013	2.535	27	0.98	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	108.0	0.0000	102.1	6.013	2.535	27	0.98	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0876	111.1	3.700	102.1	6.013	2.535	27	1.48	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	111.1	0.3100	102.1	6.013	2.535	27	1.49	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	113.5	11.00	102.1	6.013	2.535	27	1.89	6%	0
028.44	Manganese, ICP, Dry ash (ppm)	0066	81.14	2.030				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	98.50	1.000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	103.5	3.000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	144.7	8.200				2			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	97.98	2.296	103.7	5.833	3.224	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0199	99.79	8.600	103.7	5.833	3.224	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	106.5	1.000	103.7	5.833	3.224	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	110.5	1.000	103.7	5.833	3.224	4			0
028.99	Manganese, Miscellaneous (ppm)	0590	97.65	0.3000	99.20	1.662	3.000	4			0
028.99	Manganese, Miscellaneous (ppm)	0100	98.00	4.000	99.20	1.662	3.000	4			0
028.99	Manganese, Miscellaneous (ppm)	0242	100.0	4.000	99.20	1.662	3.000	4			0
028.99	Manganese, Miscellaneous (ppm)	0123	101.2	3.700	99.20	1.662	3.000	4			0
030.01	Nitrate, Ion-selective electrode (%)	0357	0.0045	0.0001				1			0
031.01	Phosphorus, Photometric (%)	2200	0.5450	0.0300	0.6338	0.0279	0.0133	31	-3.19	7%	0
031.01	Phosphorus, Photometric (%)	0689	0.5750	0.0100	0.6338	0.0279	0.0133	31	-2.11	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	0018	0.5870	0.0000	0.6338	0.0279	0.0133	31	-1.68	4%	0
031.01	Phosphorus, Photometric (%)	2434	0.5900	0.0000	0.6338	0.0279	0.0133	31	-1.57	3%	0
031.01	Phosphorus, Photometric (%)	2144	0.5950	0.0100	0.6338	0.0279	0.0133	31	-1.39	3%	0
031.01	Phosphorus, Photometric (%)	0885	0.6086	0.0184	0.6338	0.0279	0.0133	31	-0.90	2%	0
031.01	Phosphorus, Photometric (%)	2246	0.6200	0.0000	0.6338	0.0279	0.0133	31	-0.49	1%	0
031.01	Phosphorus, Photometric (%)	0590	0.6250	0.0300	0.6338	0.0279	0.0133	31	-0.31	1%	0
031.01	Phosphorus, Photometric (%)	2192	0.6250	0.0100	0.6338	0.0279	0.0133	31	-0.31	1%	0
031.01	Phosphorus, Photometric (%)	2196	0.6280	0.0000	0.6338	0.0279	0.0133	31	-0.21	0%	0
031.01	Phosphorus, Photometric (%)	0038	0.6295	0.0390	0.6338	0.0279	0.0133	31	-0.15	0%	0
031.01	Phosphorus, Photometric (%)	0622	0.6296	0.0106	0.6338	0.0279	0.0133	31	-0.15	0%	0
031.01	Phosphorus, Photometric (%)	0529	0.6300	0.0000	0.6338	0.0279	0.0133	31	-0.14	0%	0
031.01	Phosphorus, Photometric (%)	2188	0.6300	0.0000	0.6338	0.0279	0.0133	31	-0.14	0%	0
031.01	Phosphorus, Photometric (%)	0722	0.6340	0.0023	0.6338	0.0279	0.0133	31	0.01	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.6344	0.0032	0.6338	0.0279	0.0133	31	0.02	0%	0
031.01	Phosphorus, Photometric (%)	2337	0.6350	0.0100	0.6338	0.0279	0.0133	31	0.04	0%	0
031.01	Phosphorus, Photometric (%)	2109	0.6355	0.0110	0.6338	0.0279	0.0133	31	0.06	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.6375	0.0095	0.6338	0.0279	0.0133	31	0.13	0%	0
031.01	Phosphorus, Photometric (%)	0651	0.6376	0.0146	0.6338	0.0279	0.0133	31	0.14	0%	0
031.01	Phosphorus, Photometric (%)	0687	0.6400	0.0200	0.6338	0.0279	0.0133	31	0.22	0%	0
031.01	Phosphorus, Photometric (%)	2190	0.6430	0.0066	0.6338	0.0279	0.0133	31	0.33	1%	0
031.01	Phosphorus, Photometric (%)	0884	0.6450	0.0100	0.6338	0.0279	0.0133	31	0.40	1%	0
031.01	Phosphorus, Photometric (%)	2302	0.6500	0.0200	0.6338	0.0279	0.0133	31	0.58	1%	0
031.01	Phosphorus, Photometric (%)	0939	0.6550	0.0300	0.6338	0.0279	0.0133	31	0.76	2%	0
031.01	Phosphorus, Photometric (%)	0035	0.6600	0.0000	0.6338	0.0279	0.0133	31	0.94	2%	0
031.01	Phosphorus, Photometric (%)	2193	0.6600	0.0000	0.6338	0.0279	0.0133	31	0.94	2%	0
031.01	Phosphorus, Photometric (%)	0948	0.6650	0.0100	0.6338	0.0279	0.0133	31	1.12	2%	0
031.01	Phosphorus, Photometric (%)	2022	0.6750	0.0100	0.6338	0.0279	0.0133	31	1.48	3%	0
031.01	Phosphorus, Photometric (%)	2006	0.6785	0.0070	0.6338	0.0279	0.0133	31	1.61	4%	0
031.01	Phosphorus, Photometric (%)	2397	0.7250	0.0100	0.6338	0.0279	0.0133	31	3.28	7%	0
031.01	Phosphorus, Photometric (%)	2199	0.6400	0.0600	0.6338	0.0279	0.0133	31	0.22	0%	1
031.03	Phosphorus, Autoanalyzer (%)	0169	0.6050	0.0100				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.6584	0.0079				2			0
031.06	Phosphorus, Hach Method (%)	0536	0.4950	0.0100				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.5950	0.0100	0.6323	0.0254	0.0090	14	-1.47	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.6000	0.0000	0.6323	0.0254	0.0090	14	-1.27	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.6100	0.0200	0.6323	0.0254	0.0090	14	-0.88	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.6125	0.0050	0.6323	0.0254	0.0090	14	-0.78	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.6250	0.0100	0.6323	0.0254	0.0090	14	-0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.6300	0.0000	0.6323	0.0254	0.0090	14	-0.09	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0674	0.6300	0.0000	0.6323	0.0254	0.0090	14	-0.09	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.6350	0.0100	0.6323	0.0254	0.0090	14	0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.6380	0.0120	0.6323	0.0254	0.0090	14	0.22	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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	0.6400	0.0000	0.6323	0.0254	0.0090	14	0.30	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.6528	0.0037	0.6323	0.0254	0.0090	14	0.81	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.6550	0.0100	0.6323	0.0254	0.0090	14	0.89	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.6641	0.0034	0.6323	0.0254	0.0090	14	1.25	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.6650	0.0100	0.6323	0.0254	0.0090	14	1.29	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.6694	0.0365	0.6323	0.0254	0.0090	14	1.46	3%	1
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.5840	0.0071	0.6447	0.0392	0.0197	18	-1.55	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.6025	0.0410	0.6447	0.0392	0.0197	18	-1.08	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.6060	0.0080	0.6447	0.0392	0.0197	18	-0.99	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.6100	0.0200	0.6447	0.0392	0.0197	18	-0.89	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.6269	0.0048	0.6447	0.0392	0.0197	18	-0.45	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.6285	0.0090	0.6447	0.0392	0.0197	18	-0.41	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.6300	0.0400	0.6447	0.0392	0.0197	18	-0.38	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.6300	0.0020	0.6447	0.0392	0.0197	18	-0.38	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.6335	0.0410	0.6447	0.0392	0.0197	18	-0.29	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.6415	0.0290	0.6447	0.0392	0.0197	18	-0.08	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.6440	0.0060	0.6447	0.0392	0.0197	18	-0.02	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.6450	0.0300	0.6447	0.0392	0.0197	18	0.01	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.6750	0.0700	0.6447	0.0392	0.0197	18	0.77	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.6800	0.0000	0.6447	0.0392	0.0197	18	0.90	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.6803	0.0067	0.6447	0.0392	0.0197	18	0.91	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.6900	0.0000	0.6447	0.0392	0.0197	18	1.16	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.6924	0.0034	0.6447	0.0392	0.0197	18	1.22	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2375	0.7700	0.0000	0.6447	0.0392	0.0197	18	3.20	10%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	0.5900	0.0200	0.6437	0.0376	0.0142	30	-1.43	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.5900	0.0000	0.6437	0.0376	0.0142	30	-1.43	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0941	0.6030	0.0000	0.6437	0.0376	0.0142	30	-1.08	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.6040	0.0000	0.6437	0.0376	0.0142	30	-1.06	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0300	0.6050	0.0100	0.6437	0.0376	0.0142	30	-1.03	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0512	0.6056	0.0540	0.6437	0.0376	0.0142	30	-1.01	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.6085	0.0010	0.6437	0.0376	0.0142	30	-0.94	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.6150	0.0100	0.6437	0.0376	0.0142	30	-0.76	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0226	0.6200	0.0000	0.6437	0.0376	0.0142	30	-0.63	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.6300	0.0000	0.6437	0.0376	0.0142	30	-0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.6300	0.0000	0.6437	0.0376	0.0142	30	-0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.6325	0.0219	0.6437	0.0376	0.0142	30	-0.30	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.6350	0.0100	0.6437	0.0376	0.0142	30	-0.23	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.6422	0.0029	0.6437	0.0376	0.0142	30	-0.04	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.6425	0.0010	0.6437	0.0376	0.0142	30	-0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.6425	0.0150	0.6437	0.0376	0.0142	30	-0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	0.6450	0.0100	0.6437	0.0376	0.0142	30	0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.6480	0.0020	0.6437	0.0376	0.0142	30	0.11	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
031.43	Phosphorus, ICP, Microwave (%)	0345	0.6535	0.0050	0.6437	0.0376	0.0142	30	0.26	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.6550	0.0300	0.6437	0.0376	0.0142	30	0.30	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.6550	0.0100	0.6437	0.0376	0.0142	30	0.30	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.6650	0.0100	0.6437	0.0376	0.0142	30	0.57	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.6700	0.0200	0.6437	0.0376	0.0142	30	0.70	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.6756	0.0138	0.6437	0.0376	0.0142	30	0.85	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.6776	0.0096	0.6437	0.0376	0.0142	30	0.90	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.6843	0.0616	0.6437	0.0376	0.0142	30	1.08	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.6864	0.0595	0.6437	0.0376	0.0142	30	1.14	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.7000	0.0000	0.6437	0.0376	0.0142	30	1.50	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0876	0.7000	0.0000	0.6437	0.0376	0.0142	30	1.50	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	0.7005	0.0170	0.6437	0.0376	0.0142	30	1.51	4%	0
031.43	Phosphorus, ICP, Microwave (%)	2322	6.952	46.60	0.6437	0.0376	0.0142	30	>100	539935%	2
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.5785	0.0130	0.6309	0.0405	0.0081	4			0
031.44	Phosphorus, ICP, Dry ash (%)	2445	0.6250	0.0100	0.6309	0.0405	0.0081	4			0
031.44	Phosphorus, ICP, Dry ash (%)	0164	0.6455	0.0070	0.6309	0.0405	0.0081	4			0
031.44	Phosphorus, ICP, Dry ash (%)	2114	0.6747	0.0023	0.6309	0.0405	0.0081	4			0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	0.6350	0.0100				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.6504	0.0142				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.6579	0.0298				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	0.5605	0.0570				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.6500	0.0400				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.6711	0.0002				3			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.5000	0.0000	0.6000	0.0582	0.0200	6	-1.72	8%	0
031.99	Phosphorus, Miscellaneous (%)	2302	0.5900	0.0000	0.6000	0.0582	0.0200	6	-0.17	1%	0
031.99	Phosphorus, Miscellaneous (%)	0676	0.5950	0.0300	0.6000	0.0582	0.0200	6	-0.09	0%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.6000	0.0000	0.6000	0.0582	0.0200	6	0.00	0%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.6150	0.0100	0.6000	0.0582	0.0200	6	0.26	1%	0
031.99	Phosphorus, Miscellaneous (%)	0123	0.7100	0.0200	0.6000	0.0582	0.0200	6	1.89	9%	0
032.08	Potassium, Ion-selective electrode (%)	2434	0.8850	0.0100				1			0
032.31	Potassium, AAS, Dry ash (%)	0536	0.8050	0.0100	1.028	0.0822	0.0065	8	-2.71	11%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.9800	0.0040	1.028	0.0822	0.0065	8	-0.59	2%	0
032.31	Potassium, AAS, Dry ash (%)	2196	1.000	0.0000	1.028	0.0822	0.0065	8	-0.34	1%	0
032.31	Potassium, AAS, Dry ash (%)	2146	1.005	0.0100	1.028	0.0822	0.0065	8	-0.28	1%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.030	0.0025	1.028	0.0822	0.0065	8	0.02	0%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.080	0.0000	1.028	0.0822	0.0065	8	0.63	3%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.090	0.0000	1.028	0.0822	0.0065	8	0.75	3%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.135	0.0060	1.028	0.0822	0.0065	8	1.30	5%	0
032.31	Potassium, AAS, Dry ash (%)	0921	1.307	0.0880	1.028	0.0822	0.0065	8	3.39	14%	1
032.32	Potassium, AAS, Open vessel (%)	0169	1.130	0.0400				1			0
032.33	Potassium, AAS, Microwave (%)	0941	1.059	0.0010				2			0
032.33	Potassium, AAS, Microwave (%)	2246	1.085	0.0500				2			0

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			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
032.41	Potassium, ICP, Dry ash (%)	0004	0.9700	0.0200	1.063	0.0496	0.0175	14	-1.88	4%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.9800	0.0200	1.063	0.0496	0.0175	14	-1.68	4%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.015	0.0100	1.063	0.0496	0.0175	14	-0.97	2%	0
032.41	Potassium, ICP, Dry ash (%)	0066	1.037	0.0310	1.063	0.0496	0.0175	14	-0.54	1%	0
032.41	Potassium, ICP, Dry ash (%)	0674	1.050	0.0000	1.063	0.0496	0.0175	14	-0.27	1%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.060	0.0200	1.063	0.0496	0.0175	14	-0.07	0%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.065	0.0300	1.063	0.0496	0.0175	14	0.03	0%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.075	0.0500	1.063	0.0496	0.0175	14	0.23	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.080	0.0200	1.063	0.0496	0.0175	14	0.34	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.087	0.0071	1.063	0.0496	0.0175	14	0.47	1%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.095	0.0100	1.063	0.0496	0.0175	14	0.64	1%	0
032.41	Potassium, ICP, Dry ash (%)	2114	1.097	0.0085	1.063	0.0496	0.0175	14	0.67	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.124	0.0065	1.063	0.0496	0.0175	14	1.22	3%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.125	0.0100	1.063	0.0496	0.0175	14	1.24	3%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.080	0.1400	1.063	0.0496	0.0175	14	0.34	1%	1
032.42	Potassium, ICP, Open vessel (%)	0504	0.9130	0.0480	1.090	0.0690	0.0240	17	-2.57	8%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.026	0.0010	1.090	0.0690	0.0240	17	-0.94	3%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.030	0.0200	1.090	0.0690	0.0240	17	-0.87	3%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.030	0.0000	1.090	0.0690	0.0240	17	-0.87	3%	0
032.42	Potassium, ICP, Open vessel (%)	2129	1.042	0.0000	1.090	0.0690	0.0240	17	-0.70	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.047	0.0290	1.090	0.0690	0.0240	17	-0.63	2%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.050	0.0400	1.090	0.0690	0.0240	17	-0.58	2%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.058	0.0064	1.090	0.0690	0.0240	17	-0.47	1%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.105	0.0700	1.090	0.0690	0.0240	17	0.21	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.112	0.0037	1.090	0.0690	0.0240	17	0.32	1%	0
032.42	Potassium, ICP, Open vessel (%)	0047	1.115	0.0500	1.090	0.0690	0.0240	17	0.36	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.133	0.0030	1.090	0.0690	0.0240	17	0.61	2%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.133	0.0060	1.090	0.0690	0.0240	17	0.62	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.145	0.0300	1.090	0.0690	0.0240	17	0.79	3%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.150	0.0000	1.090	0.0690	0.0240	17	0.87	3%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.179	0.0316	1.090	0.0690	0.0240	17	1.29	4%	0
032.42	Potassium, ICP, Open vessel (%)	2375	1.275	0.0100	1.090	0.0690	0.0240	17	2.68	8%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.5575	1.009	1.068	0.0637	0.0262	28	-8.02	24%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.9340	0.0060	1.068	0.0637	0.0262	28	-2.10	6%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.9750	0.0100	1.068	0.0637	0.0262	28	-1.46	4%	0
032.43	Potassium, ICP, Microwave (%)	0512	0.9773	0.0208	1.068	0.0637	0.0262	28	-1.42	4%	0
032.43	Potassium, ICP, Microwave (%)	0226	0.9900	0.0200	1.068	0.0637	0.0262	28	-1.22	4%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.025	0.0100	1.068	0.0637	0.0262	28	-0.67	2%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.035	0.0590	1.068	0.0637	0.0262	28	-0.52	2%	0
032.43	Potassium, ICP, Microwave (%)	0511	1.035	0.0300	1.068	0.0637	0.0262	28	-0.52	2%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.045	0.0100	1.068	0.0637	0.0262	28	-0.36	1%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.050	0.0000	1.068	0.0637	0.0262	28	-0.28	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	0870	1.064	0.0760	1.068	0.0637	0.0262	28	-0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.064	0.0066	1.068	0.0637	0.0262	28	-0.05	0%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.068	0.0190	1.068	0.0637	0.0262	28	0.00	0%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.075	0.0100	1.068	0.0637	0.0262	28	0.11	0%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.080	0.0600	1.068	0.0637	0.0262	28	0.19	1%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.080	0.0400	1.068	0.0637	0.0262	28	0.19	1%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.080	0.0160	1.068	0.0637	0.0262	28	0.19	1%	0
032.43	Potassium, ICP, Microwave (%)	2192	1.080	0.0200	1.068	0.0637	0.0262	28	0.19	1%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.087	0.0366	1.068	0.0637	0.0262	28	0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	0505	1.095	0.0100	1.068	0.0637	0.0262	28	0.43	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.100	0.0200	1.068	0.0637	0.0262	28	0.50	2%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.100	0.0000	1.068	0.0637	0.0262	28	0.50	2%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.110	0.0200	1.068	0.0637	0.0262	28	0.66	2%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.120	0.0400	1.068	0.0637	0.0262	28	0.82	2%	0
032.43	Potassium, ICP, Microwave (%)	0407	1.144	0.0574	1.068	0.0637	0.0262	28	1.20	4%	0
032.43	Potassium, ICP, Microwave (%)	2445	1.150	0.0200	1.068	0.0637	0.0262	28	1.29	4%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.180	0.0200	1.068	0.0637	0.0262	28	1.76	5%	0
032.43	Potassium, ICP, Microwave (%)	0876	1.200	0.0200	1.068	0.0637	0.0262	28	2.08	6%	0
032.43	Potassium, ICP, Microwave (%)	2322	11,030	14.46	1.068	0.0637	0.0262	28	>100	516409%	2
032.44	Potassium, ICP, Dry ash (%)	0164	1.075	0.0100				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.9994	0.0520				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	1.040	0.0400				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.096	0.0186				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0199	0.9955	0.0970				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	1.085	0.0100				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	1.100	0.0094				3			0
032.99	Potassium, Miscellaneous (%)	0100	0.9850	0.0300	1.060	0.0564	0.0164	6	-1.34	4%	0
032.99	Potassium, Miscellaneous (%)	0590	1.030	0.0000	1.060	0.0564	0.0164	6	-0.54	1%	0
032.99	Potassium, Miscellaneous (%)	0242	1.055	0.0100	1.060	0.0564	0.0164	6	-0.09	0%	0
032.99	Potassium, Miscellaneous (%)	0123	1.065	0.0100	1.060	0.0564	0.0164	6	0.08	0%	0
032.99	Potassium, Miscellaneous (%)	0001	1.107	0.0157	1.060	0.0564	0.0164	6	0.83	2%	0
032.99	Potassium, Miscellaneous (%)	0889	1.120	0.0000	1.060	0.0564	0.0164	6	1.06	3%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.2129	0.0037	0.3934	0.0770	0.0147	16	-2.34	23%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.2950	0.0100	0.3934	0.0770	0.0147	16	-1.28	13%	0
033.00	Salt as chloride, Sol Cl (%)	0674	0.3200	0.0000	0.3934	0.0770	0.0147	16	-0.95	9%	0
033.00	Salt as chloride, Sol Cl (%)	2009	0.3332	0.0005	0.3934	0.0770	0.0147	16	-0.78	8%	0
033.00	Salt as chloride, Sol Cl (%)	2196	0.3400	0.0000	0.3934	0.0770	0.0147	16	-0.69	7%	0
033.00	Salt as chloride, Sol Cl (%)	2193	0.3850	0.0100	0.3934	0.0770	0.0147	16	-0.11	1%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.3900	0.0200	0.3934	0.0770	0.0147	16	-0.04	0%	0
033.00	Salt as chloride, Sol Cl (%)	2337	0.4000	0.0000	0.3934	0.0770	0.0147	16	0.09	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.4040	0.0160	0.3934	0.0770	0.0147	16	0.14	1%	0
033.00	Salt as chloride, Sol Cl (%)	0511	0.4100	0.0000	0.3934	0.0770	0.0147	16	0.22	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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	0.4100	0.0200	0.3934	0.0770	0.0147	16	0.22	2%	0
033.00	Salt as chloride, Sol Cl (%)	2397	0.4150	0.0100	0.3934	0.0770	0.0147	16	0.28	3%	0
033.00	Salt as chloride, Sol Cl (%)	0123	0.4350	0.0100	0.3934	0.0770	0.0147	16	0.54	5%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.4615	0.0330	0.3934	0.0770	0.0147	16	0.88	9%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.5650	0.0300	0.3934	0.0770	0.0147	16	2.23	22%	0
033.00	Salt as chloride, Sol Cl (%)	0183	0.6000	0.0000	0.3934	0.0770	0.0147	16	2.68	26%	0
033.00	Salt as chloride, Sol Cl (%)	2076	0.4935	0.1090	0.3934	0.0770	0.0147	16	1.30	13%	1
033.01	Salt as chloride, Poten Cl (%)	0510	0.3790	0.0000	0.4034	0.0202	0.0141	25	-1.21	3%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.3800	0.0200	0.4034	0.0202	0.0141	25	-1.16	3%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.3800	0.0000	0.4034	0.0202	0.0141	25	-1.16	3%	0
033.01	Salt as chloride, Poten Cl (%)	2109	0.3815	0.0010	0.4034	0.0202	0.0141	25	-1.09	3%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.3900	0.0000	0.4034	0.0202	0.0141	25	-0.67	2%	0
033.01	Salt as chloride, Poten Cl (%)	0004	0.3900	0.0000	0.4034	0.0202	0.0141	25	-0.67	2%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.3900	0.0000	0.4034	0.0202	0.0141	25	-0.67	2%	0
033.01	Salt as chloride, Poten Cl (%)	2190	0.3917	0.0021	0.4034	0.0202	0.0141	25	-0.58	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.3950	0.0100	0.4034	0.0202	0.0141	25	-0.42	1%	0
033.01	Salt as chloride, Poten Cl (%)	2146	0.3950	0.0100	0.4034	0.0202	0.0141	25	-0.42	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.3970	0.0000	0.4034	0.0202	0.0141	25	-0.32	1%	0
033.01	Salt as chloride, Poten Cl (%)	2319	0.3970	0.0120	0.4034	0.0202	0.0141	25	-0.32	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.4000	0.0000	0.4034	0.0202	0.0141	25	-0.17	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	0.4000	0.0000	0.4034	0.0202	0.0141	25	-0.17	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.4050	0.0100	0.4034	0.0202	0.0141	25	0.08	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.4050	0.0100	0.4034	0.0202	0.0141	25	0.08	0%	0
033.01	Salt as chloride, Poten Cl (%)	0939	0.4100	0.0200	0.4034	0.0202	0.0141	25	0.33	1%	0
033.01	Salt as chloride, Poten Cl (%)	2375	0.4100	0.0200	0.4034	0.0202	0.0141	25	0.33	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.4135	0.0050	0.4034	0.0202	0.0141	25	0.50	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.4150	0.0300	0.4034	0.0202	0.0141	25	0.57	1%	0
033.01	Salt as chloride, Poten Cl (%)	0019	0.4300	0.0200	0.4034	0.0202	0.0141	25	1.32	3%	0
033.01	Salt as chloride, Poten Cl (%)	2268	0.4300	0.0200	0.4034	0.0202	0.0141	25	1.32	3%	0
033.01	Salt as chloride, Poten Cl (%)	0199	0.4730	0.0080	0.4034	0.0202	0.0141	25	3.45	9%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.5100	0.0000	0.4034	0.0202	0.0141	25	5.29	13%	0
033.01	Salt as chloride, Poten Cl (%)	0186	0.6985	0.0450	0.4034	0.0202	0.0141	25	14.64	37%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.4300	0.0600	0.4034	0.0202	0.0141	25	1.32	3%	1
033.03	Salt as chloride, Quantab (%)	0144	0.2300	0.0000	0.3700	0.0990	0.0333	4			0
033.03	Salt as chloride, Quantab (%)	0505	0.3700	0.0200	0.3700	0.0990	0.0333	4			0
033.03	Salt as chloride, Quantab (%)	0190	0.4400	0.0400	0.3700	0.0990	0.0333	4			0
033.03	Salt as chloride, Quantab (%)	0726	0.4400	0.0400	0.3700	0.0990	0.0333	4			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.3600	0.0000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.3900	0.0200				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2434	0.4250	0.0100				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0918	0.7950	0.0300				3			2
033.99	Salt, Miscellaneous (%)	0650	0.3850	0.0100	0.6265	0.2660	0.0201	9	-0.91	19%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
033.99	Salt, Miscellaneous (%)	2144	0.4050	0.0100	0.6265	0.2660	0.0201	9	-0.83	18%	0
033.99	Salt, Miscellaneous (%)	0536	0.4150	0.0100	0.6265	0.2660	0.0201	9	-0.80	17%	0
033.99	Salt, Miscellaneous (%)	2181	0.4700	0.0000	0.6265	0.2660	0.0201	9	-0.59	12%	0
033.99	Salt, Miscellaneous (%)	2129	0.4775	0.0250	0.6265	0.2660	0.0201	9	-0.56	12%	0
033.99	Salt, Miscellaneous (%)	0300	0.8550	0.0500	0.6265	0.2660	0.0201	9	0.86	18%	0
033.99	Salt, Miscellaneous (%)	0358	0.8550	0.0100	0.6265	0.2660	0.0201	9	0.86	18%	0
033.99	Salt, Miscellaneous (%)	0017	0.8824	0.0233	0.6265	0.2660	0.0201	9	0.96	20%	0
033.99	Salt, Miscellaneous (%)	0027	0.8940	0.0320	0.6265	0.2660	0.0201	9	1.01	21%	0
034.01	Selenium, Total (Se), Fluor (ppm)	0038	0.3970	0.0340				1			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.3055	0.0130				3			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0563	0.3300	0.0624				3			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	0.3450	0.0100				3			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0148	0.2485	0.0010				1			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0066	0.2790	0.0220				2			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0941	0.3890	0.0000				2			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0964	< 1					2			5
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5					2			5
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0047	0.3460	0.0060				1			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0199	0.2845	0.0770	0.3762	0.0669	0.0239	7	-1.37	12%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0009	0.3021	0.0102	0.3762	0.0669	0.0239	7	-1.11	10%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0164	0.3815	0.0270	0.3762	0.0669	0.0239	7	0.08	1%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0610	0.4000	0.0200	0.3762	0.0669	0.0239	7	0.36	3%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0560	0.4125	0.0438	0.3762	0.0669	0.0239	7	0.54	5%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0003	0.4245	0.0030	0.3762	0.0669	0.0239	7	0.72	6%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0407	0.4283	0.0010	0.3762	0.0669	0.0239	7	0.78	7%	0
034.99	Selenium, Total (Se), Miscellaneous (ppm)	0190	0.7565	0.0030				1			0
035.01	Sodium, Ion-selective electrode (%)	2109	0.3700	0.0020				2			0
035.01	Sodium, Ion-selective electrode (%)	2434	0.4200	0.0000				2			0
035.31	Sodium, AAS, Dry ash (%)	0536	0.2850	0.0100	0.3398	0.0112	0.0075	11	-4.88	8%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.3255	0.0058	0.3398	0.0112	0.0075	11	-1.27	2%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.3300	0.0000	0.3398	0.0112	0.0075	11	-0.87	1%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.3395	0.0190	0.3398	0.0112	0.0075	11	-0.03	0%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.3400	0.0040	0.3398	0.0112	0.0075	11	0.02	0%	0
035.31	Sodium, AAS, Dry ash (%)	2146	0.3400	0.0000	0.3398	0.0112	0.0075	11	0.02	0%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.3415	0.0010	0.3398	0.0112	0.0075	11	0.15	0%	0
035.31	Sodium, AAS, Dry ash (%)	0722	0.3480	0.0051	0.3398	0.0112	0.0075	11	0.72	1%	0
035.31	Sodium, AAS, Dry ash (%)	0622	0.3485	0.0105	0.3398	0.0112	0.0075	11	0.77	1%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.3500	0.0000	0.3398	0.0112	0.0075	11	0.91	2%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.3520	0.0000	0.3398	0.0112	0.0075	11	1.09	2%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.3450	0.0100				1			0
035.33	Sodium, AAS, Microwave (%)	2246	0.3500	0.0000				1			0
035.41	Sodium, ICP, Dry ash (%)	0674	0.3300	0.0000	0.3492	0.0143	0.0070	15	-1.34	3%	0

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			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
035.41	Sodium, ICP, Dry ash (%)	0019	0.3350	0.0100	0.3492	0.0143	0.0070	15	-0.99	2%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.3350	0.0100	0.3492	0.0143	0.0070	15	-0.99	2%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.3400	0.0000	0.3492	0.0143	0.0070	15	-0.64	1%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.3400	0.0000	0.3492	0.0143	0.0070	15	-0.64	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.3405	0.0030	0.3492	0.0143	0.0070	15	-0.60	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.3475	0.0030	0.3492	0.0143	0.0070	15	-0.12	0%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.3479	0.0013	0.3492	0.0143	0.0070	15	-0.09	0%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.3515	0.0090	0.3492	0.0143	0.0070	15	0.16	0%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.3538	0.0019	0.3492	0.0143	0.0070	15	0.32	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.3550	0.0100	0.3492	0.0143	0.0070	15	0.41	1%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.3600	0.0000	0.3492	0.0143	0.0070	15	0.76	2%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.3600	0.0200	0.3492	0.0143	0.0070	15	0.76	2%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.3750	0.0100	0.3492	0.0143	0.0070	15	1.80	4%	0
035.41	Sodium, ICP, Dry ash (%)	2114	0.3767	0.0045	0.3492	0.0143	0.0070	15	1.92	4%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.2765	0.0390	0.3472	0.0305	0.0112	15	-2.32	10%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.3100	0.0200	0.3472	0.0305	0.0112	15	-1.22	5%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.3110	0.0000	0.3472	0.0305	0.0112	15	-1.19	5%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.3275	0.0010	0.3472	0.0305	0.0112	15	-0.65	3%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.3331	0.0031	0.3472	0.0305	0.0112	15	-0.47	2%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.3415	0.0030	0.3472	0.0305	0.0112	15	-0.19	1%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.3430	0.0160	0.3472	0.0305	0.0112	15	-0.14	1%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.3441	0.0018	0.3472	0.0305	0.0112	15	-0.10	0%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.3600	0.0200	0.3472	0.0305	0.0112	15	0.42	2%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.3645	0.0010	0.3472	0.0305	0.0112	15	0.57	2%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.3650	0.0100	0.3472	0.0305	0.0112	15	0.58	3%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.3650	0.0100	0.3472	0.0305	0.0112	15	0.58	3%	0
035.42	Sodium, ICP, Open vessel (%)	2375	0.3700	0.0200	0.3472	0.0305	0.0112	15	0.75	3%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.3824	0.0040	0.3472	0.0305	0.0112	15	1.15	5%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.3900	0.0200	0.3472	0.0305	0.0112	15	1.40	6%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.3435	0.0810	0.3472	0.0305	0.0112	15	-0.12	1%	1
035.43	Sodium, ICP, Microwave (%)	2192	0.3000	0.0000	0.3501	0.0182	0.0103	26	-2.75	7%	0
035.43	Sodium, ICP, Microwave (%)	0511	0.3200	0.0000	0.3501	0.0182	0.0103	26	-1.65	4%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.3250	0.0100	0.3501	0.0182	0.0103	26	-1.38	4%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.3350	0.0100	0.3501	0.0182	0.0103	26	-0.83	2%	0
035.43	Sodium, ICP, Microwave (%)	0300	0.3369	0.0204	0.3501	0.0182	0.0103	26	-0.72	2%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.3395	0.0010	0.3501	0.0182	0.0103	26	-0.58	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.3395	0.0030	0.3501	0.0182	0.0103	26	-0.58	2%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.3420	0.0162	0.3501	0.0182	0.0103	26	-0.44	1%	0
035.43	Sodium, ICP, Microwave (%)	0226	0.3450	0.0100	0.3501	0.0182	0.0103	26	-0.28	1%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.3450	0.0100	0.3501	0.0182	0.0103	26	-0.28	1%	0
035.43	Sodium, ICP, Microwave (%)	0941	0.3450	0.0000	0.3501	0.0182	0.0103	26	-0.28	1%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.3454	0.0007	0.3501	0.0182	0.0103	26	-0.26	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
035.43	Sodium, ICP, Microwave (%)	0918	0.3465	0.0010	0.3501	0.0182	0.0103	26	-0.20	1%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.3470	0.0090	0.3501	0.0182	0.0103	26	-0.17	0%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.3471	0.0092	0.3501	0.0182	0.0103	26	-0.16	0%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.3500	0.0000	0.3501	0.0182	0.0103	26	-0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.3550	0.0100	0.3501	0.0182	0.0103	26	0.27	1%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.3556	0.0172	0.3501	0.0182	0.0103	26	0.30	1%	0
035.43	Sodium, ICP, Microwave (%)	0512	0.3574	0.0150	0.3501	0.0182	0.0103	26	0.40	1%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.3600	0.0400	0.3501	0.0182	0.0103	26	0.54	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.3700	0.0200	0.3501	0.0182	0.0103	26	1.09	3%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.3700	0.0000	0.3501	0.0182	0.0103	26	1.09	3%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.3725	0.0010	0.3501	0.0182	0.0103	26	1.23	3%	0
035.43	Sodium, ICP, Microwave (%)	0968	0.3730	0.0000	0.3501	0.0182	0.0103	26	1.26	3%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.3850	0.0100	0.3501	0.0182	0.0103	26	1.91	5%	0
035.43	Sodium, ICP, Microwave (%)	0876	0.4000	0.0000	0.3501	0.0182	0.0103	26	2.74	7%	0
035.43	Sodium, ICP, Microwave (%)	2322	3,470	25.61	0.3501	0.0182	0.0103	26	>100	495521%	2
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.3277	0.0060				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.3633	0.0093				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.3295	0.0270				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.3450	0.0300				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.3568	0.0037				3			0
035.99	Sodium, Miscellaneous (%)	0242	0.3200	0.0000	0.3363	0.0138	0.0150	4			0
035.99	Sodium, Miscellaneous (%)	0100	0.3300	0.0200	0.3363	0.0138	0.0150	4			0
035.99	Sodium, Miscellaneous (%)	0590	0.3450	0.0100	0.3363	0.0138	0.0150	4			0
035.99	Sodium, Miscellaneous (%)	0123	0.3500	0.0000	0.3363	0.0138	0.0150	4			0
035.99	Sodium, Miscellaneous (%)	0889	0.0600	0.0000	0.3363	0.0138	0.0150	4			2
036.04	Sulfur, LECO (%)	0948	0.5230	0.0029	0.5710	0.0581	0.0162	5			0
036.04	Sulfur, LECO (%)	0001	0.5280	0.0340	0.5710	0.0581	0.0162	5			0
036.04	Sulfur, LECO (%)	0148	0.5540	0.0040	0.5710	0.0581	0.0162	5			0
036.04	Sulfur, LECO (%)	0226	0.5850	0.0100	0.5710	0.0581	0.0162	5			0
036.04	Sulfur, LECO (%)	0229	0.6650	0.0300	0.5710	0.0581	0.0162	5			0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.4800	0.0400	0.5481	0.0441	0.0122	16	-1.54	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.5000	0.0000	0.5481	0.0441	0.0122	16	-1.09	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.5018	0.0079	0.5481	0.0441	0.0122	16	-1.05	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.5092	0.0180	0.5481	0.0441	0.0122	16	-0.88	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.5232	0.0015	0.5481	0.0441	0.0122	16	-0.56	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.5235	0.0230	0.5481	0.0441	0.0122	16	-0.56	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.5382	0.0084	0.5481	0.0441	0.0122	16	-0.22	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.5480	0.0020	0.5481	0.0441	0.0122	16	0.00	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.5550	0.0100	0.5481	0.0441	0.0122	16	0.16	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.5600	0.0000	0.5481	0.0441	0.0122	16	0.27	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.5750	0.0100	0.5481	0.0441	0.0122	16	0.61	2%	0
036.42	Sulfur, ICP, Open vessel (%)	2375	0.5750	0.0300	0.5481	0.0441	0.0122	16	0.61	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
036.42	Sulfur, ICP, Open vessel (%)	2129	0.5760	0.0080	0.5481	0.0441	0.0122	16	0.63	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.5930	0.0000	0.5481	0.0441	0.0122	16	1.02	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.5950	0.0100	0.5481	0.0441	0.0122	16	1.06	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.6175	0.0050	0.5481	0.0441	0.0122	16	1.58	6%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.4360	0.0040	0.5666	0.0390	0.0127	20	-3.35	12%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.5014	0.0004	0.5666	0.0390	0.0127	20	-1.67	6%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.5050	0.0100	0.5666	0.0390	0.0127	20	-1.58	5%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.5400	0.0000	0.5666	0.0390	0.0127	20	-0.68	2%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.5400	0.0000	0.5666	0.0390	0.0127	20	-0.68	2%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.5415	0.0130	0.5666	0.0390	0.0127	20	-0.64	2%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.5460	0.0040	0.5666	0.0390	0.0127	20	-0.53	2%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.5666	0.0281	0.5666	0.0390	0.0127	20	0.00	0%	0
036.43	Sulfur, ICP, Microwave (%)	0941	0.5680	0.0000	0.5666	0.0390	0.0127	20	0.04	0%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.5696	0.0197	0.5666	0.0390	0.0127	20	0.08	0%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.5700	0.0000	0.5666	0.0390	0.0127	20	0.09	0%	0
036.43	Sulfur, ICP, Microwave (%)	0968	0.5770	0.0040	0.5666	0.0390	0.0127	20	0.27	1%	0
036.43	Sulfur, ICP, Microwave (%)	0027	0.5795	0.0050	0.5666	0.0390	0.0127	20	0.33	1%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.5900	0.0200	0.5666	0.0390	0.0127	20	0.60	2%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.5900	0.0000	0.5666	0.0390	0.0127	20	0.60	2%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.5950	0.0100	0.5666	0.0390	0.0127	20	0.73	3%	0
036.43	Sulfur, ICP, Microwave (%)	0505	0.5950	0.0100	0.5666	0.0390	0.0127	20	0.73	3%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.6050	0.0100	0.5666	0.0390	0.0127	20	0.98	3%	0
036.43	Sulfur, ICP, Microwave (%)	0876	0.6095	0.0330	0.5666	0.0390	0.0127	20	1.10	4%	0
036.43	Sulfur, ICP, Microwave (%)	0066	0.6490	0.0240	0.5666	0.0390	0.0127	20	2.11	7%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.5619	0.0701	0.5666	0.0390	0.0127	20	-0.12	0%	1
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.5614	0.0118				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.4450	0.0100				3			0
036.99	Sulfur, Miscellaneous (%)	0889	0.5250	0.0100				3			0
036.99	Sulfur, Miscellaneous (%)	0123	0.5900	0.0200				3			0
037.31	Zinc, AAS, Dry ash (ppm)	0689	94.40	10.20	117.7	7.771	2.368	10	-3.00	10%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	111.3	0.3700	117.7	7.771	2.368	10	-0.82	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	114.2	0.0000	117.7	7.771	2.368	10	-0.45	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	114.4	1.449	117.7	7.771	2.368	10	-0.43	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	117.2	4.840	117.7	7.771	2.368	10	-0.06	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	118.3	3.400	117.7	7.771	2.368	10	0.08	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0722	118.3	1.340	117.7	7.771	2.368	10	0.08	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0651	121.7	1.660	117.7	7.771	2.368	10	0.52	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0622	126.1	0.8792	117.7	7.771	2.368	10	1.08	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	0536	169.0	2.000	117.7	7.771	2.368	10	6.60	22%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	132.5	11.00				1			0
037.33	Zinc, AAS, Microwave (ppm)	0010	120.5	9.000				3			0
037.33	Zinc, AAS, Microwave (ppm)	0948	120.6	0.3300				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs			
037.33	Zinc, AAS, Microwave (ppm)	2246	152.0	31.00				3			0
037.34	Zinc, AAS, Dry ash (ppm)	2188	116.4	0.1000				1			0
037.41	Zinc, ICP, Dry ash (ppm)	0358	108.5	4.970	118.2	6.495	2.594	12	-1.49	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0674	109.9	0.0000	118.2	6.495	2.594	12	-1.27	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	112.4	3.368	118.2	6.495	2.594	12	-0.89	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	115.3	2.100	118.2	6.495	2.594	12	-0.45	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	117.1	4.200	118.2	6.495	2.594	12	-0.17	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	118.6	3.400	118.2	6.495	2.594	12	0.07	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	119.2	9.090	118.2	6.495	2.594	12	0.15	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	121.6	0.3722	118.2	6.495	2.594	12	0.53	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	122.0	1.600	118.2	6.495	2.594	12	0.59	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	122.6	0.4903	118.2	6.495	2.594	12	0.68	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	125.0	1.100	118.2	6.495	2.594	12	1.04	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	126.2	1.200	118.2	6.495	2.594	12	1.23	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	123.5	21.70	118.2	6.495	2.594	12	0.81	2%	1
037.42	Zinc, ICP, Open vessel (ppm)	0870	98.28	4.250	118.9	10.86	4.792	17	-1.90	9%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	109.5	7.000	118.9	10.86	4.792	17	-0.87	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	109.6	1.800	118.9	10.86	4.792	17	-0.86	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	110.0	12.00	118.9	10.86	4.792	17	-0.82	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	110.0	0.1700	118.9	10.86	4.792	17	-0.82	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	112.0	12.00	118.9	10.86	4.792	17	-0.64	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	112.5	0.2430	118.9	10.86	4.792	17	-0.59	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	115.5	7.000	118.9	10.86	4.792	17	-0.31	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	119.0	0.0000	118.9	10.86	4.792	17	0.01	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	119.3	7.790	118.9	10.86	4.792	17	0.04	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	123.8	3.090	118.9	10.86	4.792	17	0.45	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	125.9	7.200	118.9	10.86	4.792	17	0.64	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	127.2	2.400	118.9	10.86	4.792	17	0.76	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	128.6	1.000	118.9	10.86	4.792	17	0.89	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	128.7	6.054	118.9	10.86	4.792	17	0.90	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0504	132.0	6.000	118.9	10.86	4.792	17	1.21	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	2375	141.5	1.000	118.9	10.86	4.792	17	2.08	9%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	102.5	0.0080	117.8	7.729	3.326	30	-1.99	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	105.5	9.000	117.8	7.729	3.326	30	-1.60	5%	0
037.43	Zinc, ICP, Microwave (ppm)	2322	105.6	0.8600	117.8	7.729	3.326	30	-1.58	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	108.8	0.6000	117.8	7.729	3.326	30	-1.17	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	109.0	4.000	117.8	7.729	3.326	30	-1.14	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	109.1	5.630	117.8	7.729	3.326	30	-1.13	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	113.5	1.000	117.8	7.729	3.326	30	-0.56	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	114.1	0.0000	117.8	7.729	3.326	30	-0.49	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0512	114.3	13.90	117.8	7.729	3.326	30	-0.46	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	115.5	9.000	117.8	7.729	3.326	30	-0.30	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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)	0017	116.1	2.697	117.8	7.729	3.326	30	-0.23	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0226	116.7	0.2100	117.8	7.729	3.326	30	-0.15	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0941	117.0	0.0000	117.8	7.729	3.326	30	-0.11	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	117.5	5.000	117.8	7.729	3.326	30	-0.04	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	117.7	2.200	117.8	7.729	3.326	30	-0.02	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2445	118.1	2.280	117.8	7.729	3.326	30	0.03	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0964	118.3	5.500	117.8	7.729	3.326	30	0.05	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	119.6	3.455	117.8	7.729	3.326	30	0.23	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	120.0	7.750	117.8	7.729	3.326	30	0.27	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	120.0	0.3400	117.8	7.729	3.326	30	0.28	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	121.2	2.260	117.8	7.729	3.326	30	0.43	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0848	121.9	0.3060	117.8	7.729	3.326	30	0.52	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	122.5	3.000	117.8	7.729	3.326	30	0.60	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	122.8	1.900	117.8	7.729	3.326	30	0.64	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	123.2	2.133	117.8	7.729	3.326	30	0.69	2%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	123.5	1.000	117.8	7.729	3.326	30	0.73	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	128.0	2.000	117.8	7.729	3.326	30	1.31	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	131.0	8.500	117.8	7.729	3.326	30	1.70	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0876	131.3	0.8200	117.8	7.729	3.326	30	1.74	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	133.0	6.000	117.8	7.729	3.326	30	1.96	6%	0
037.44	Zinc, ICP, Dry ash (ppm)	0066	86.90	2.120				3			0
037.44	Zinc, ICP, Dry ash (ppm)	0164	104.5	15.00				3			0
037.44	Zinc, ICP, Dry ash (ppm)	2114	119.3	2.640				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	112.5	9.000				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	148.8	4.300				2			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	111.5	3.000				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0199	113.6	13.79				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	116.8	9.490				3			0
037.99	Zinc, Miscellaneous (ppm)	0889	105.0	4.120	113.6	6.305	3.030	5			0
037.99	Zinc, Miscellaneous (ppm)	0242	111.5	5.000	113.6	6.305	3.030	5			0
037.99	Zinc, Miscellaneous (ppm)	0590	114.0	2.000	113.6	6.305	3.030	5			0
037.99	Zinc, Miscellaneous (ppm)	0123	115.0	0.0000	113.6	6.305	3.030	5			0
037.99	Zinc, Miscellaneous (ppm)	0100	122.5	1.000	113.6	6.305	3.030	5			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	2.163	0.0524	2.460	0.2530	0.0606	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	2.355	0.0900	2.460	0.2530	0.0606	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	2.580	0.0600	2.460	0.2530	0.0606	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0148	2.740	0.0400	2.460	0.2530	0.0606	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	1.731	0.4810	2.160	0.3107	0.1803	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	2.190	0.1000	2.160	0.3107	0.1803	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0366	2.250	0.1000	2.160	0.3107	0.1803	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	2.470	0.0400	2.160	0.3107	0.1803	4			0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	0.6250	0.0700	2.132	0.4202	0.1721	9	-3.59	35%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.822	0.0340	2.132	0.4202	0.1721	9	-0.74	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	1.886	0.2610	2.132	0.4202	0.1721	9	-0.59	6%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	1.950	0.3000	2.132	0.4202	0.1721	9	-0.43	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	2.157	0.1315	2.132	0.4202	0.1721	9	0.06	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	2.300	0.0000	2.132	0.4202	0.1721	9	0.40	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	2.445	0.2500	2.132	0.4202	0.1721	9	0.75	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0964	2.480	0.0800	2.132	0.4202	0.1721	9	0.83	8%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0202	2.645	0.2500	2.132	0.4202	0.1721	9	1.22	12%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	1.862	0.0822				1			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0939	2.150	0.0800	2.249	0.0701	0.0828	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	2.261	0.0983	2.249	0.0701	0.0828	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0941	2.270	0.0000	2.249	0.0701	0.0828	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	2.315	0.0700	2.249	0.0701	0.0828	4			0
038.99	Molybdenum, Miscellaneous (ppm)	0123	2.330	0.0600				1			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	14.38	0.0455				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.3767	0.0077				1			0
042.00	Chloride, Titrimetric (%)	0948	0.2300	0.0000	0.3130	0.0964	0.0125	5			0
042.00	Chloride, Titrimetric (%)	0226	0.2350	0.0100	0.3130	0.0964	0.0125	5			0
042.00	Chloride, Titrimetric (%)	0610	0.2650	0.0100	0.3130	0.0964	0.0125	5			0
042.00	Chloride, Titrimetric (%)	2199	0.4150	0.0100	0.3130	0.0964	0.0125	5			0
042.00	Chloride, Titrimetric (%)	2200	0.4200	0.0200	0.3130	0.0964	0.0125	5			0
042.01	Chloride, Ion-selective electrode (%)	2434	0.2600	0.0000				1			0
042.99	Chloride, Miscellaneous (%)	0941	0.2480	0.0000				3			0
042.99	Chloride, Miscellaneous (%)	0297	0.3300	0.0200				3			0
042.99	Chloride, Miscellaneous (%)	0066	0.5180	0.0400				3			0
101.99	Choline Chloride, Miscellaneous (ppm)	0227	1,030	40.00				1			0
102.01	Niacin, Microbiological (ppm)	0227	66.95	0.5000				1			0
102.02	Niacin, LC (ppm)	2319	12.90	1.000				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	8.735	0.5100				1			0
104.00	Riboflavin, Fluorometric (ppm)	0227	1.890	0.0200				1			0
104.03	Riboflavin, LC (ppm)	2319	1.670	0.1400				1			0
105.00	Thiamine, LC (ppm)	2319	2.625	0.3300				2			0
105.00	Thiamine, LC (ppm)	2394	18.15	3.330				2			0
105.01	Thiamine, Fluorometer (ppm)	0227	5.130	0.0400				1			0
106.00	Vitamin A, Color (KU / kg)	0227	20.80	0.4000				1			0
106.01	Vitamin A, UV (KU / kg)	0098	25.75	3.100				1			0
106.02	Vitamin A, LC (KU / kg)	0004	17.24	2.080	21.19	3.097	1.976	11	-1.28	9%	0
106.02	Vitamin A, LC (KU / kg)	0563	17.82	4.941	21.19	3.097	1.976	11	-1.09	8%	0
106.02	Vitamin A, LC (KU / kg)	2319	18.90	2.800	21.19	3.097	1.976	11	-0.74	5%	0
106.02	Vitamin A, LC (KU / kg)	2192	20.07	0.1300	21.19	3.097	1.976	11	-0.36	3%	0
106.02	Vitamin A, LC (KU / kg)	0512	20.22	0.1700	21.19	3.097	1.976	11	-0.31	2%	0
106.02	Vitamin A, LC (KU / kg)	0010	21.19	0.2700	21.19	3.097	1.976	11	0.00	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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106.02	Vitamin A, LC (KU / kg)	0017	21.39	3.876	21.19	3.097	1.976	11	0.07	0%	0
106.02	Vitamin A, LC (KU / kg)	0148	22.68	0.4097	21.19	3.097	1.976	11	0.48	4%	0
106.02	Vitamin A, LC (KU / kg)	0014	22.90	0.4000	21.19	3.097	1.976	11	0.55	4%	0
106.02	Vitamin A, LC (KU / kg)	0610	24.85	1.300	21.19	3.097	1.976	11	1.18	9%	0
106.02	Vitamin A, LC (KU / kg)	0038	32.05	5.500	21.19	3.097	1.976	11	3.51	26%	0
106.02	Vitamin A, LC (KU / kg)	0870	31.36	16.86	21.19	3.097	1.976	11	3.28	24%	1
107.00	Vitamin B12, Microbiological (ppb)	0227	6.020	0.8600				1			0
108.02	Vitamin D3, LC (KU / kg)	0870	5.116	1.967				3			0
108.02	Vitamin D3, LC (KU / kg)	2319	5.505	1.750				3			0
108.02	Vitamin D3, LC (KU / kg)	0227	6.065	0.4500				3			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	4.585	0.3100				1			0
109.02	Vitamin E, LC (IU / kg)	0098	66.50	16.40	116.3	19.51	5.940	10	-2.55	21%	0
109.02	Vitamin E, LC (IU / kg)	2188	99.77	2.170	116.3	19.51	5.940	10	-0.85	7%	0
109.02	Vitamin E, LC (IU / kg)	0038	102.6	10.90	116.3	19.51	5.940	10	-0.71	6%	0
109.02	Vitamin E, LC (IU / kg)	0563	112.0	0.8000	116.3	19.51	5.940	10	-0.22	2%	0
109.02	Vitamin E, LC (IU / kg)	2319	115.0	4.000	116.3	19.51	5.940	10	-0.07	1%	0
109.02	Vitamin E, LC (IU / kg)	0610	119.5	9.000	116.3	19.51	5.940	10	0.16	1%	0
109.02	Vitamin E, LC (IU / kg)	0227	120.0	0.0000	116.3	19.51	5.940	10	0.19	2%	0
109.02	Vitamin E, LC (IU / kg)	0148	128.2	9.900	116.3	19.51	5.940	10	0.61	5%	0
109.02	Vitamin E, LC (IU / kg)	0199	133.8	0.3000	116.3	19.51	5.940	10	0.89	7%	0
109.02	Vitamin E, LC (IU / kg)	0870	156.6	1.316	116.3	19.51	5.940	10	2.06	17%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	110.5	3.000				1			0
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0			5
112.01	Pyridoxine, LC (µg / g)	2319	3.180	0.1200				2			0
112.01	Pyridoxine, LC (µg / g)	0227	4.365	0.2100				2			0
113.01	Folic Acid, Micro (ppm)	0227	1.515	0.1100				1			0
113.02	Folic acid, LC (ppm)	2319	< 0.15					0			5
114.01	Biotin, Microbiological (ppm)	0227	0.3810	0.0380				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0407	0.0800	0.0000				2			0
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0098	0.5500	0.0400				2			0
115.99	Non Protein N (NPN), Miscellaneous (%)	2129	0.5220	0.0260				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.8850	0.0100	0.9485	0.0339	0.0114	12	-1.88	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.9090	0.0100	0.9485	0.0339	0.0114	12	-1.17	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.9150	0.0100	0.9485	0.0339	0.0114	12	-0.99	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.9400	0.0000	0.9485	0.0339	0.0114	12	-0.25	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.9450	0.0020	0.9485	0.0339	0.0114	12	-0.10	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.9490	0.0008	0.9485	0.0339	0.0114	12	0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.9520	0.0000	0.9485	0.0339	0.0114	12	0.10	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.9600	0.0000	0.9485	0.0339	0.0114	12	0.34	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.9634	0.0268	0.9485	0.0339	0.0114	12	0.44	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.9719	0.0156	0.9485	0.0339	0.0114	12	0.69	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	0.9800	0.0200	0.9485	0.0339	0.0114	12	0.93	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	1.165	0.0100	0.9485	0.0339	0.0114	12	6.39	11%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.9570	0.0180				1			0
120.05	Alanine, Pre-col AQC Der (%)	0870	0.6765	0.0390	0.9136	0.0964	0.0237	10	-2.46	13%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.7820	0.0200	0.9136	0.0964	0.0237	10	-1.37	7%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.8750	0.0100	0.9136	0.0964	0.0237	10	-0.40	2%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	0.9100	0.0200	0.9136	0.0964	0.0237	10	-0.04	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.9255	0.0210	0.9136	0.0964	0.0237	10	0.12	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0242	0.9300	0.0200	0.9136	0.0964	0.0237	10	0.17	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2246	0.9534	0.0863	0.9136	0.0964	0.0237	10	0.41	2%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.9610	0.0000	0.9136	0.0964	0.0237	10	0.49	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.001	0.0080	0.9136	0.0964	0.0237	10	0.91	5%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	1.030	0.0310	0.9136	0.0964	0.0237	10	1.20	6%	0
120.99	Alanine, Miscellaneous (%)	0889	0.8400	0.0200	0.9423	0.0697	0.0115	4			0
120.99	Alanine, Miscellaneous (%)	2146	0.9590	0.0060	0.9423	0.0697	0.0115	4			0
120.99	Alanine, Miscellaneous (%)	0227	0.9750	0.0100	0.9423	0.0697	0.0115	4			0
120.99	Alanine, Miscellaneous (%)	2144	0.9950	0.0100	0.9423	0.0697	0.0115	4			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.5650	0.0100	1.168	0.0504	0.0180	12	-11.97	26%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	1.117	0.0000	1.168	0.0504	0.0180	12	-1.02	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	1.135	0.0100	1.168	0.0504	0.0180	12	-0.66	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.147	0.0073	1.168	0.0504	0.0180	12	-0.43	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.150	0.0200	1.168	0.0504	0.0180	12	-0.36	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.152	0.0220	1.168	0.0504	0.0180	12	-0.32	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.170	0.0200	1.168	0.0504	0.0180	12	0.03	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.190	0.0000	1.168	0.0504	0.0180	12	0.43	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.191	0.0211	1.168	0.0504	0.0180	12	0.45	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.215	0.0300	1.168	0.0504	0.0180	12	0.93	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.217	0.0050	1.168	0.0504	0.0180	12	0.96	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.245	0.0664	1.168	0.0504	0.0180	12	1.52	3%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.180	0.0070				1			0
121.05	Arginine, Pre-col AQC Der (%)	0870	0.8685	0.0070	1.161	0.1494	0.0262	10	-1.96	13%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	1.026	0.0470	1.161	0.1494	0.0262	10	-0.90	6%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	1.041	0.0190	1.161	0.1494	0.0262	10	-0.80	5%	0
121.05	Arginine, Pre-col AQC Der (%)	0242	1.155	0.0700	1.161	0.1494	0.0262	10	-0.04	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.160	0.0200	1.161	0.1494	0.0262	10	0.00	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	1.165	0.0100	1.161	0.1494	0.0262	10	0.03	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	1.207	0.0000	1.161	0.1494	0.0262	10	0.31	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.249	0.0050	1.161	0.1494	0.0262	10	0.59	4%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.295	0.0100	1.161	0.1494	0.0262	10	0.90	6%	0
121.05	Arginine, Pre-col AQC Der (%)	2246	1.374	0.0534	1.161	0.1494	0.0262	10	1.43	9%	0
121.99	Arginine, Miscellaneous (%)	0889	0.9950	0.0500	1.134	0.0952	0.0290	4			0
121.99	Arginine, Miscellaneous (%)	2146	1.163	0.0170	1.134	0.0952	0.0290	4			0
121.99	Arginine, Miscellaneous (%)	2144	1.170	0.0000	1.134	0.0952	0.0290	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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121.99	Arginine, Miscellaneous (%)	0227	1.210	0.0200	1.134	0.0952	0.0290	4			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.320	0.0000	1.444	0.0627	0.0222	12	-1.98	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.341	0.0000	1.444	0.0627	0.0222	12	-1.64	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.412	0.0240	1.444	0.0627	0.0222	12	-0.51	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.420	0.0200	1.444	0.0627	0.0222	12	-0.38	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.430	0.0000	1.444	0.0627	0.0222	12	-0.22	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.451	0.0208	1.444	0.0627	0.0222	12	0.12	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.465	0.0300	1.444	0.0627	0.0222	12	0.34	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	1.465	0.0100	1.444	0.0627	0.0222	12	0.34	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.475	0.0376	1.444	0.0627	0.0222	12	0.49	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.485	0.0100	1.444	0.0627	0.0222	12	0.65	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.487	0.0060	1.444	0.0627	0.0222	12	0.69	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.537	0.0411	1.444	0.0627	0.0222	12	1.49	3%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.516	0.0270				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0870	1.161	0.0050	1.400	0.1378	0.0344	10	-1.74	9%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.181	0.0440	1.400	0.1378	0.0344	10	-1.59	8%	0
122.05	Aspartic, Pre-col AQC Der (%)	2246	1.340	0.0584	1.400	0.1378	0.0344	10	-0.44	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.392	0.0700	1.400	0.1378	0.0344	10	-0.06	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.450	0.0200	1.400	0.1378	0.0344	10	0.36	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.450	0.0200	1.400	0.1378	0.0344	10	0.36	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0242	1.470	0.0600	1.400	0.1378	0.0344	10	0.51	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	1.475	0.0300	1.400	0.1378	0.0344	10	0.54	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.515	0.0020	1.400	0.1378	0.0344	10	0.83	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.523	0.0000	1.400	0.1378	0.0344	10	0.89	4%	0
122.99	Aspartic, Miscellaneous (%)	0227	1.515	0.0100				3			0
122.99	Aspartic, Miscellaneous (%)	2146	1.518	0.0070				3			0
122.99	Aspartic, Miscellaneous (%)	0889	1.525	0.0300				3			0
122.99	Aspartic, Miscellaneous (%)	2144	1.585	0.0300				3			2
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0353	0.2250	0.0100	0.3405	0.0296	0.0100	11	-3.91	17%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0652	0.3050	0.0100	0.3405	0.0296	0.0100	11	-1.20	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0872	0.3230	0.0060	0.3405	0.0296	0.0100	11	-0.59	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.3340	0.0058	0.3405	0.0296	0.0100	11	-0.22	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2059	0.3380	0.0020	0.3405	0.0296	0.0100	11	-0.08	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0226	0.3383	0.0062	0.3405	0.0296	0.0100	11	-0.07	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0504	0.3450	0.0100	0.3405	0.0296	0.0100	11	0.15	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0939	0.3550	0.0100	0.3405	0.0296	0.0100	11	0.49	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0968	0.3600	0.0000	0.3405	0.0296	0.0100	11	0.66	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0682	0.3660	0.0000	0.3405	0.0296	0.0100	11	0.86	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0675	0.4350	0.0100	0.3405	0.0296	0.0100	11	3.20	14%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0918	0.3050	0.1100	0.3405	0.0296	0.0100	11	-1.20	5%	1
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.3640	0.0080				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2640	0.0160	0.3381	0.0556	0.0166	10	-1.33	11%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.2664	0.0071	0.3381	0.0556	0.0166	10	-1.29	11%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.3080	0.0200	0.3381	0.0556	0.0166	10	-0.54	4%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.3250	0.0100	0.3381	0.0556	0.0166	10	-0.24	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0242	0.3300	0.0000	0.3381	0.0556	0.0166	10	-0.15	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.3540	0.0000	0.3381	0.0556	0.0166	10	0.29	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0870	0.3680	0.0240	0.3381	0.0556	0.0166	10	0.54	4%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0626	0.3715	0.0010	0.3381	0.0556	0.0166	10	0.60	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.3800	0.0200	0.3381	0.0556	0.0166	10	0.75	6%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.4146	0.0413	0.3381	0.0556	0.0166	10	1.37	11%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	2144	0.2700	0.0000	0.3008	0.0284	0.0158	5			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2146	0.2755	0.0170	0.3008	0.0284	0.0158	5			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.3050	0.0100	0.3008	0.0284	0.0158	5			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.3150	0.0100	0.3008	0.0284	0.0158	5			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2246	0.3384	0.0260	0.3008	0.0284	0.0158	5			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	2.430	0.0200	3.139	0.1621	0.0364	12	-4.37	11%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.975	0.0300	3.139	0.1621	0.0364	12	-1.01	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.998	0.0100	3.139	0.1621	0.0364	12	-0.87	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.060	0.0400	3.139	0.1621	0.0364	12	-0.49	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.105	0.0300	3.139	0.1621	0.0364	12	-0.21	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	3.129	0.0000	3.139	0.1621	0.0364	12	-0.06	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.180	0.0060	3.139	0.1621	0.0364	12	0.25	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.195	0.0500	3.139	0.1621	0.0364	12	0.35	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.203	0.0918	3.139	0.1621	0.0364	12	0.39	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	3.210	0.0400	3.139	0.1621	0.0364	12	0.44	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	3.343	0.0254	3.139	0.1621	0.0364	12	1.26	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.375	0.0741	3.139	0.1621	0.0364	12	1.46	4%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	3.258	0.0670				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0870	2.571	0.0790	3.082	0.3446	0.0598	10	-1.48	8%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	2.653	0.0160	3.082	0.3446	0.0598	10	-1.24	7%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.983	0.0040	3.082	0.3446	0.0598	10	-0.29	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	3.045	0.0700	3.082	0.3446	0.0598	10	-0.11	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	3.093	0.1209	3.082	0.3446	0.0598	10	0.03	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.135	0.1100	3.082	0.3446	0.0598	10	0.15	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0242	3.160	0.1000	3.082	0.3446	0.0598	10	0.23	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	3.214	0.0000	3.082	0.3446	0.0598	10	0.38	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.366	0.0080	3.082	0.3446	0.0598	10	0.82	5%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.945	0.0300	3.082	0.3446	0.0598	10	2.51	14%	0
125.99	Glutamic, Miscellaneous (%)	2146	2.940	0.0150	3.197	0.2622	0.0238	4			0
125.99	Glutamic, Miscellaneous (%)	2144	3.040	0.0200	3.197	0.2622	0.0238	4			0
125.99	Glutamic, Miscellaneous (%)	0227	3.285	0.0100	3.197	0.2622	0.0238	4			0
125.99	Glutamic, Miscellaneous (%)	0889	3.525	0.0500	3.197	0.2622	0.0238	4			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.7890	0.0000	0.8683	0.0314	0.0149	12	-2.52	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.8360	0.0040	0.8683	0.0314	0.0149	12	-1.03	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.8450	0.0100	0.8683	0.0314	0.0149	12	-0.74	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.8600	0.0200	0.8683	0.0314	0.0149	12	-0.26	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	0.8600	0.0200	0.8683	0.0314	0.0149	12	-0.26	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.8627	0.0009	0.8683	0.0314	0.0149	12	-0.18	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.8700	0.0000	0.8683	0.0314	0.0149	12	0.06	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.8710	0.0000	0.8683	0.0314	0.0149	12	0.09	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.8750	0.0100	0.8683	0.0314	0.0149	12	0.21	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.8979	0.0120	0.8683	0.0314	0.0149	12	0.94	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.9050	0.0300	0.8683	0.0314	0.0149	12	1.17	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	1.123	0.0269	0.8683	0.0314	0.0149	12	8.10	15%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.8990	0.0300				1			0
126.05	Glycine, Pre-col AQC Der (%)	0870	0.6060	0.0280	0.8625	0.1257	0.0193	10	-2.04	15%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.7550	0.0100	0.8625	0.1257	0.0193	10	-0.86	6%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.7565	0.0150	0.8625	0.1257	0.0193	10	-0.84	6%	0
126.05	Glycine, Pre-col AQC Der (%)	0242	0.8400	0.0200	0.8625	0.1257	0.0193	10	-0.18	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	0.8500	0.0200	0.8625	0.1257	0.0193	10	-0.10	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.8660	0.0000	0.8625	0.1257	0.0193	10	0.03	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.9430	0.0220	0.8625	0.1257	0.0193	10	0.64	5%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.9555	0.0170	0.8625	0.1257	0.0193	10	0.74	5%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.9570	0.0000	0.8625	0.1257	0.0193	10	0.75	5%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	1.029	0.0217	0.8625	0.1257	0.0193	10	1.32	10%	0
126.99	Glycine, Miscellaneous (%)	0889	0.3900	0.0000				3			0
126.99	Glycine, Miscellaneous (%)	2146	0.8470	0.0060				3			0
126.99	Glycine, Miscellaneous (%)	0227	0.9100	0.0000				3			0
126.99	Glycine, Miscellaneous (%)	2144	0.9750	0.1500				3			1
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.3300	0.0000	0.4826	0.0271	0.0086	12	-5.63	16%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.4620	0.0000	0.4826	0.0271	0.0086	12	-0.76	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.4650	0.0100	0.4826	0.0271	0.0086	12	-0.65	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.4659	0.0079	0.4826	0.0271	0.0086	12	-0.62	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.4730	0.0020	0.4826	0.0271	0.0086	12	-0.36	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.4800	0.0000	0.4826	0.0271	0.0086	12	-0.10	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.4800	0.0000	0.4826	0.0271	0.0086	12	-0.10	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.4845	0.0010	0.4826	0.0271	0.0086	12	0.07	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.4910	0.0068	0.4826	0.0271	0.0086	12	0.31	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.5100	0.0200	0.4826	0.0271	0.0086	12	1.01	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.5150	0.0100	0.4826	0.0271	0.0086	12	1.19	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.5586	0.0130	0.4826	0.0271	0.0086	12	2.80	8%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.4700	0.0160				1			0
127.05	Histidine, Pre-col AQC Der (%)	0870	0.3790	0.0000	0.4452	0.0606	0.0155	10	-1.09	7%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.3900	0.0200	0.4452	0.0606	0.0155	10	-0.91	6%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.3915	0.0310	0.4452	0.0606	0.0155	10	-0.89	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
127.05	Histidine, Pre-col AQC Der (%)	2188	0.3930	0.0000	0.4452	0.0606	0.0155	10	-0.86	6%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.4550	0.0100	0.4452	0.0606	0.0155	10	0.16	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.4640	0.0000	0.4452	0.0606	0.0155	10	0.31	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0242	0.4750	0.0100	0.4452	0.0606	0.0155	10	0.49	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.4800	0.0100	0.4452	0.0606	0.0155	10	0.57	4%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.4885	0.0030	0.4452	0.0606	0.0155	10	0.71	5%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.5788	0.0242	0.4452	0.0606	0.0155	10	2.20	15%	0
127.99	Histidine, Miscellaneous (%)	0889	0.3900	0.0000				3			0
127.99	Histidine, Miscellaneous (%)	2144	0.4400	0.0000				3			0
127.99	Histidine, Miscellaneous (%)	0227	0.5000	0.0000				3			0
127.99	Histidine, Miscellaneous (%)	2146	0.4580	0.0020				3			1
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.5620	0.0000	0.6280	0.0376	0.0131	12	-1.75	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	0.5900	0.0200	0.6280	0.0376	0.0131	12	-1.01	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.6000	0.0000	0.6280	0.0376	0.0131	12	-0.74	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.6100	0.0200	0.6280	0.0376	0.0131	12	-0.48	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.6200	0.0200	0.6280	0.0376	0.0131	12	-0.21	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.6219	0.0128	0.6280	0.0376	0.0131	12	-0.16	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.6310	0.0020	0.6280	0.0376	0.0131	12	0.08	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.6350	0.0100	0.6280	0.0376	0.0131	12	0.19	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.6402	0.0060	0.6280	0.0376	0.0131	12	0.32	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.6660	0.0080	0.6280	0.0376	0.0131	12	1.01	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.6662	0.0124	0.6280	0.0376	0.0131	12	1.01	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.7100	0.0200	0.6280	0.0376	0.0131	12	2.18	7%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.6390	0.0100				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0870	0.5005	0.0090	0.6203	0.0907	0.0172	10	-1.32	10%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.5150	0.0100	0.6203	0.0907	0.0172	10	-1.16	8%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.5450	0.0100	0.6203	0.0907	0.0172	10	-0.83	6%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.5635	0.0350	0.6203	0.0907	0.0172	10	-0.63	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0242	0.6450	0.0100	0.6203	0.0907	0.0172	10	0.27	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	0.6789	0.0411	0.6203	0.0907	0.0172	10	0.64	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.6800	0.0020	0.6203	0.0907	0.0172	10	0.66	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.6815	0.0210	0.6203	0.0907	0.0172	10	0.67	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.6880	0.0000	0.6203	0.0907	0.0172	10	0.75	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.7060	0.0000	0.6203	0.0907	0.0172	10	0.94	7%	0
128.99	Isoleucine, Miscellaneous (%)	0889	0.5550	0.0100	0.6400	0.0610	0.0093	4			0
128.99	Isoleucine, Miscellaneous (%)	2146	0.6500	0.0080	0.6400	0.0610	0.0093	4			0
128.99	Isoleucine, Miscellaneous (%)	2144	0.6550	0.0100	0.6400	0.0610	0.0093	4			0
128.99	Isoleucine, Miscellaneous (%)	0227	0.7000	0.0000	0.6400	0.0610	0.0093	4			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	1.320	0.0000	1.417	0.0543	0.0142	12	-1.79	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.360	0.0200	1.417	0.0543	0.0142	12	-1.05	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.380	0.0140	1.417	0.0543	0.0142	12	-0.69	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	1.380	0.0200	1.417	0.0543	0.0142	12	-0.69	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.395	0.0100	1.417	0.0543	0.0142	12	-0.41	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.415	0.0100	1.417	0.0543	0.0142	12	-0.04	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.430	0.0387	1.417	0.0543	0.0142	12	0.24	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.438	0.0030	1.417	0.0543	0.0142	12	0.37	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.449	0.0062	1.417	0.0543	0.0142	12	0.57	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.460	0.0000	1.417	0.0543	0.0142	12	0.79	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.475	0.0100	1.417	0.0543	0.0142	12	1.06	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.490	0.0212	1.417	0.0543	0.0142	12	1.34	3%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.415	0.0210				1			0
129.05	Leucine, Pre-col AQC Der (%)	0870	1.130	0.0620	1.357	0.1602	0.0301	10	-1.42	8%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.149	0.0320	1.357	0.1602	0.0301	10	-1.30	8%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.270	0.0000	1.357	0.1602	0.0301	10	-0.54	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	1.315	0.0100	1.357	0.1602	0.0301	10	-0.26	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.367	0.0000	1.357	0.1602	0.0301	10	0.06	0%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.387	0.0070	1.357	0.1602	0.0301	10	0.18	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0242	1.430	0.0400	1.357	0.1602	0.0301	10	0.46	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	1.491	0.0809	1.357	0.1602	0.0301	10	0.84	5%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.495	0.0100	1.357	0.1602	0.0301	10	0.86	5%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.536	0.0020	1.357	0.1602	0.0301	10	1.12	7%	0
129.99	Leucine, Miscellaneous (%)	0889	1.160	0.0000				3			0
129.99	Leucine, Miscellaneous (%)	2144	1.410	0.0000				3			0
129.99	Leucine, Miscellaneous (%)	2146	1.415	0.0040				3			0
129.99	Leucine, Miscellaneous (%)	0227	1.490	0.0200				3			1
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	0.7800	0.0200	0.8194	0.0360	0.0194	13	-1.09	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.7880	0.0000	0.8194	0.0360	0.0194	13	-0.87	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.7906	0.0176	0.8194	0.0360	0.0194	13	-0.80	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.7937	0.0052	0.8194	0.0360	0.0194	13	-0.71	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.7940	0.0100	0.8194	0.0360	0.0194	13	-0.71	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.8050	0.0100	0.8194	0.0360	0.0194	13	-0.40	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2325	0.8100	0.0200	0.8194	0.0360	0.0194	13	-0.26	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.8255	0.0030	0.8194	0.0360	0.0194	13	0.17	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.8300	0.0200	0.8194	0.0360	0.0194	13	0.29	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.8400	0.0000	0.8194	0.0360	0.0194	13	0.57	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.8525	0.0267	0.8194	0.0360	0.0194	13	0.92	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.8700	0.0400	0.8194	0.0360	0.0194	13	1.40	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.9000	0.0600	0.8194	0.0360	0.0194	13	2.23	5%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.8920	0.0100				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0870	0.5975	0.0410	0.7672	0.0823	0.0269	10	-2.06	11%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.6685	0.0030	0.7672	0.0823	0.0269	10	-1.20	6%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.7380	0.0300	0.7672	0.0823	0.0269	10	-0.35	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.7400	0.0200	0.7672	0.0823	0.0269	10	-0.33	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	0.7469	0.0748	0.7672	0.0823	0.0269	10	-0.25	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
130.05	L-Lysine, Pre-col AQC Der (%)	0242	0.7950	0.0300	0.7672	0.0823	0.0269	10	0.34	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	0.8150	0.0300	0.7672	0.0823	0.0269	10	0.58	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.8190	0.0000	0.7672	0.0823	0.0269	10	0.63	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.8485	0.0030	0.7672	0.0823	0.0269	10	0.99	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.8570	0.0000	0.7672	0.0823	0.0269	10	1.09	6%	0
130.99	L-Lysine, Miscellaneous (%)	0889	0.6500	0.0400	0.8065	0.0927	0.0640	5			0
130.99	L-Lysine, Miscellaneous (%)	2146	0.7930	0.0180	0.8065	0.0927	0.0640	5			0
130.99	L-Lysine, Miscellaneous (%)	0227	0.8600	0.0200	0.8065	0.0927	0.0640	5			0
130.99	L-Lysine, Miscellaneous (%)	2144	0.8600	0.1200	0.8065	0.0927	0.0640	5			0
130.99	L-Lysine, Miscellaneous (%)	2246	0.8696	0.1218	0.8065	0.0927	0.0640	5			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.2700	0.0200	0.2853	0.0117	0.0119	11	-1.31	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.2750	0.0100	0.2853	0.0117	0.0119	11	-0.88	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.2800	0.0000	0.2853	0.0117	0.0119	11	-0.45	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.2800	0.0200	0.2853	0.0117	0.0119	11	-0.45	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.2822	0.0034	0.2853	0.0117	0.0119	11	-0.27	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.2840	0.0000	0.2853	0.0117	0.0119	11	-0.11	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.2850	0.0070	0.2853	0.0117	0.0119	11	-0.03	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.2850	0.0080	0.2853	0.0117	0.0119	11	-0.03	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.2915	0.0030	0.2853	0.0117	0.0119	11	0.53	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.3050	0.0300	0.2853	0.0117	0.0119	11	1.69	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.4250	0.0100	0.2853	0.0117	0.0119	11	11.97	24%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.2100	0.0800	0.2853	0.0117	0.0119	11	-6.45	13%	1
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2870	0.0040				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.2276	0.0117	0.3054	0.0559	0.0143	10	-1.39	13%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.2697	0.0074	0.3054	0.0559	0.0143	10	-0.64	6%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.2800	0.0000	0.3054	0.0559	0.0143	10	-0.45	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.2865	0.0110	0.3054	0.0559	0.0143	10	-0.34	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.2920	0.0040	0.3054	0.0559	0.0143	10	-0.24	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.2985	0.0250	0.3054	0.0559	0.0143	10	-0.12	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0242	0.3100	0.0200	0.3054	0.0559	0.0143	10	0.08	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.3170	0.0000	0.3054	0.0559	0.0143	10	0.21	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0870	0.3835	0.0210	0.3054	0.0559	0.0143	10	1.40	13%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.4000	0.0000	0.3054	0.0559	0.0143	10	1.69	15%	0
131.99	Methionine, Miscellaneous (%)	2246	0.2121	0.0219	0.2823	0.0591	0.0117	5			0
131.99	Methionine, Miscellaneous (%)	2146	0.2470	0.0100	0.2823	0.0591	0.0117	5			0
131.99	Methionine, Miscellaneous (%)	2144	0.2800	0.0000	0.2823	0.0591	0.0117	5			0
131.99	Methionine, Miscellaneous (%)	0227	0.3050	0.0100	0.2823	0.0591	0.0117	5			0
131.99	Methionine, Miscellaneous (%)	0889	0.3675	0.0050	0.2823	0.0591	0.0117	5			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.6930	0.0000	0.8187	0.0297	0.0179	12	-4.23	8%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.7600	0.0200	0.8187	0.0297	0.0179	12	-1.97	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.8000	0.0000	0.8187	0.0297	0.0179	12	-0.63	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.8050	0.0040	0.8187	0.0297	0.0179	12	-0.46	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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 (%)	0353	0.8200	0.0400	0.8187	0.0297	0.0179	12	0.05	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	0.8250	0.0100	0.8187	0.0297	0.0179	12	0.21	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.8274	0.0044	0.8187	0.0297	0.0179	12	0.29	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.8300	0.0400	0.8187	0.0297	0.0179	12	0.38	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.8326	0.0186	0.8187	0.0297	0.0179	12	0.47	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.8350	0.0100	0.8187	0.0297	0.0179	12	0.55	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.8375	0.0030	0.8187	0.0297	0.0179	12	0.63	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.8632	0.0293	0.8187	0.0297	0.0179	12	1.50	3%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.8205	0.0070				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0870	0.6480	0.0400	0.8041	0.1188	0.0212	10	-1.31	10%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.6700	0.0120	0.8041	0.1188	0.0212	10	-1.13	8%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.7125	0.0010	0.8041	0.1188	0.0212	10	-0.77	6%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.7550	0.0000	0.8041	0.1188	0.0212	10	-0.41	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	0.8050	0.0100	0.8041	0.1188	0.0212	10	0.01	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.8500	0.0200	0.8041	0.1188	0.0212	10	0.39	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.8630	0.0000	0.8041	0.1188	0.0212	10	0.50	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.8745	0.0050	0.8041	0.1188	0.0212	10	0.59	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0242	0.8950	0.0300	0.8041	0.1188	0.0212	10	0.77	6%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	0.9679	0.0648	0.8041	0.1188	0.0212	10	1.38	10%	0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.7225	0.0050	0.8071	0.0600	0.0055	4			0
132.99	Phenylalanine, Miscellaneous (%)	2144	0.8100	0.0000	0.8071	0.0600	0.0055	4			0
132.99	Phenylalanine, Miscellaneous (%)	2146	0.8360	0.0060	0.8071	0.0600	0.0055	4			0
132.99	Phenylalanine, Miscellaneous (%)	0227	0.8600	0.0000	0.8071	0.0600	0.0055	4			0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.9785	0.0170	1.100	0.0829	0.0152	12	-1.47	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	1.020	0.0000	1.100	0.0829	0.0152	12	-0.97	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.040	0.0200	1.100	0.0829	0.0152	12	-0.73	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.045	0.0100	1.100	0.0829	0.0152	12	-0.67	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.071	0.0080	1.100	0.0829	0.0152	12	-0.35	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.085	0.0100	1.100	0.0829	0.0152	12	-0.18	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.115	0.0100	1.100	0.0829	0.0152	12	0.18	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.129	0.0020	1.100	0.0829	0.0152	12	0.35	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.146	0.0467	1.100	0.0829	0.0152	12	0.55	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	1.174	0.0000	1.100	0.0829	0.0152	12	0.89	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.175	0.0061	1.100	0.0829	0.0152	12	0.91	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	1.370	0.0400	1.100	0.0829	0.0152	12	3.25	12%	0
133.05	Proline, Pre-col AQC Der (%)	0870	0.8175	0.0010	1.088	0.0863	0.0233	10	-3.13	12%	0
133.05	Proline, Pre-col AQC Der (%)	0407	0.9310	0.0260	1.088	0.0863	0.0233	10	-1.82	7%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.085	0.0300	1.088	0.0863	0.0233	10	-0.03	0%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.090	0.0200	1.088	0.0863	0.0233	10	0.02	0%	0
133.05	Proline, Pre-col AQC Der (%)	2188	1.101	0.0000	1.088	0.0863	0.0233	10	0.15	1%	0
133.05	Proline, Pre-col AQC Der (%)	0242	1.105	0.0100	1.088	0.0863	0.0233	10	0.20	1%	0
133.05	Proline, Pre-col AQC Der (%)	2246	1.107	0.0611	1.088	0.0863	0.0233	10	0.22	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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 (%)	2196	1.115	0.0000	1.088	0.0863	0.0233	10	0.31	1%	0
133.05	Proline, Pre-col AQC Der (%)	2319	1.170	0.0400	1.088	0.0863	0.0233	10	0.95	4%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.190	0.0050	1.088	0.0863	0.0233	10	1.18	5%	0
133.99	Proline, Miscellaneous (%)	2146	1.080	0.0170	1.125	0.0372	0.0290	4			0
133.99	Proline, Miscellaneous (%)	0889	1.110	0.0500	1.125	0.0372	0.0290	4			0
133.99	Proline, Miscellaneous (%)	0227	1.150	0.0200	1.125	0.0372	0.0290	4			0
133.99	Proline, Miscellaneous (%)	2144	1.160	0.0000	1.125	0.0372	0.0290	4			0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.6450	0.0100	0.8318	0.0548	0.0140	12	-3.41	11%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.7200	0.0400	0.8318	0.0548	0.0140	12	-2.04	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.7780	0.0000	0.8318	0.0548	0.0140	12	-0.98	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.8250	0.0080	0.8318	0.0548	0.0140	12	-0.12	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.8300	0.0000	0.8318	0.0548	0.0140	12	-0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.8375	0.0110	0.8318	0.0548	0.0140	12	0.10	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.8537	0.0124	0.8318	0.0548	0.0140	12	0.40	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.8600	0.0000	0.8318	0.0548	0.0140	12	0.51	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.8600	0.0000	0.8318	0.0548	0.0140	12	0.51	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.8660	0.0133	0.8318	0.0548	0.0140	12	0.62	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	0.8800	0.0200	0.8318	0.0548	0.0140	12	0.88	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.8923	0.0151	0.8318	0.0548	0.0140	12	1.10	4%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.7550	0.0040				1			0
134.05	Serine, Pre-col AQC Der (%)	0407	0.5525	0.0390	0.8289	0.1441	0.0205	10	-1.92	17%	0
134.05	Serine, Pre-col AQC Der (%)	0870	0.6765	0.0270	0.8289	0.1441	0.0205	10	-1.06	9%	0
134.05	Serine, Pre-col AQC Der (%)	0676	0.7400	0.0400	0.8289	0.1441	0.0205	10	-0.62	5%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.7690	0.0140	0.8289	0.1441	0.0205	10	-0.42	4%	0
134.05	Serine, Pre-col AQC Der (%)	0242	0.8400	0.0200	0.8289	0.1441	0.0205	10	0.08	1%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.8450	0.0000	0.8289	0.1441	0.0205	10	0.11	1%	0
134.05	Serine, Pre-col AQC Der (%)	0626	0.9125	0.0030	0.8289	0.1441	0.0205	10	0.58	5%	0
134.05	Serine, Pre-col AQC Der (%)	2319	0.9350	0.0100	0.8289	0.1441	0.0205	10	0.74	6%	0
134.05	Serine, Pre-col AQC Der (%)	2246	0.9725	0.0299	0.8289	0.1441	0.0205	10	1.00	9%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.9860	0.0020	0.8289	0.1441	0.0205	10	1.09	9%	0
134.99	Serine, Miscellaneous (%)	2144	0.8250	0.0100				3			0
134.99	Serine, Miscellaneous (%)	0227	0.8400	0.0200				3			0
134.99	Serine, Miscellaneous (%)	2146	0.8450	0.0020				3			0
134.99	Serine, Miscellaneous (%)	0889	0.9725	0.0050				3			2
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.5610	0.0000	0.6250	0.0291	0.0145	12	-2.20	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.5850	0.0100	0.6250	0.0291	0.0145	12	-1.38	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.6109	0.0042	0.6250	0.0291	0.0145	12	-0.48	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.6170	0.0080	0.6250	0.0291	0.0145	12	-0.27	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.6200	0.0200	0.6250	0.0291	0.0145	12	-0.17	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.6200	0.0200	0.6250	0.0291	0.0145	12	-0.17	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.6250	0.0300	0.6250	0.0291	0.0145	12	0.00	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.6340	0.0000	0.6250	0.0291	0.0145	12	0.31	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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 (%)	0968	0.6350	0.0100	0.6250	0.0291	0.0145	12	0.34	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.6483	0.0175	0.6250	0.0291	0.0145	12	0.80	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.6600	0.0000	0.6250	0.0291	0.0145	12	1.21	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.6632	0.0140	0.6250	0.0291	0.0145	12	1.32	3%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.6310	0.0120				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.4355	0.0250	0.6167	0.1153	0.0182	10	-1.57	15%	0
135.05	Threonine, Pre-col AQC Der (%)	0870	0.4850	0.0020	0.6167	0.1153	0.0182	10	-1.14	11%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.5630	0.0300	0.6167	0.1153	0.0182	10	-0.47	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.5800	0.0200	0.6167	0.1153	0.0182	10	-0.32	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.6310	0.0000	0.6167	0.1153	0.0182	10	0.12	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0242	0.6350	0.0100	0.6167	0.1153	0.0182	10	0.16	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	0.6550	0.0100	0.6167	0.1153	0.0182	10	0.33	3%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.6730	0.0020	0.6167	0.1153	0.0182	10	0.49	5%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	0.7357	0.0437	0.6167	0.1153	0.0182	10	1.03	10%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.7660	0.0240	0.6167	0.1153	0.0182	10	1.29	12%	0
135.99	Threonine, Miscellaneous (%)	2146	0.6375	0.0090	0.6550	0.0230	0.0080	4			0
135.99	Threonine, Miscellaneous (%)	2144	0.6400	0.0000	0.6550	0.0230	0.0080	4			0
135.99	Threonine, Miscellaneous (%)	0227	0.6550	0.0100	0.6550	0.0230	0.0080	4			0
135.99	Threonine, Miscellaneous (%)	0889	0.6875	0.0050	0.6550	0.0230	0.0080	4			0
135.99	Threonine, Miscellaneous (%)	2246	0.7097	0.0692	0.6550	0.0230	0.0080	4			1
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.1980	0.0000				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.2550	0.0100				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.3200	0.0000				3			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.2380	0.0100				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.2275	0.0010	0.2377	0.0094	0.0021	7	-1.08	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2114	0.2300	0.0019	0.2377	0.0094	0.0021	7	-0.82	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.2340	0.0000	0.2377	0.0094	0.0021	7	-0.39	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.2359	0.0018	0.2377	0.0094	0.0021	7	-0.19	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.2400	0.0000	0.2377	0.0094	0.0021	7	0.24	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2196	0.2470	0.0000	0.2377	0.0094	0.0021	7	0.98	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0226	0.2497	0.0037	0.2377	0.0094	0.0021	7	1.26	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.2650	0.0100	0.2377	0.0094	0.0021	7	2.89	6%	1
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.1990	0.0289	0.2299	0.0213	0.0170	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0870	0.2325	0.0090	0.2299	0.0213	0.0170	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.2430	0.0200	0.2299	0.0213	0.0170	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.2450	0.0100	0.2299	0.0213	0.0170	4			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1550	0.0100				3			0
136.99	Tryptophan, Miscellaneous (%)	2246	0.2255	0.0270				3			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.4625	0.0050				3			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.5250	0.0100	0.5871	0.0455	0.0100	9	-1.37	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.5450	0.0100	0.5871	0.0455	0.0100	9	-0.93	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.5750	0.0100	0.5871	0.0455	0.0100	9	-0.27	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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 (%)	0872	0.5810	0.0100	0.5871	0.0455	0.0100	9	-0.13	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.5820	0.0000	0.5871	0.0455	0.0100	9	-0.11	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.5850	0.0300	0.5871	0.0455	0.0100	9	-0.05	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.5994	0.0026	0.5871	0.0455	0.0100	9	0.27	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.6450	0.0100	0.5871	0.0455	0.0100	9	1.27	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.6465	0.0030	0.5871	0.0455	0.0100	9	1.31	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.6089	0.0609	0.5871	0.0455	0.0100	9	0.48	2%	1
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.5275	0.0070				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0870	0.4315	0.0190	0.5773	0.0945	0.0242	10	-1.54	13%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.4670	0.0280	0.5773	0.0945	0.0242	10	-1.17	10%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.5310	0.0000	0.5773	0.0945	0.0242	10	-0.49	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.5590	0.0000	0.5773	0.0945	0.0242	10	-0.19	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.5800	0.0200	0.5773	0.0945	0.0242	10	0.03	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.5855	0.0110	0.5773	0.0945	0.0242	10	0.09	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.6292	0.0477	0.5773	0.0945	0.0242	10	0.55	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0242	0.6350	0.0300	0.5773	0.0945	0.0242	10	0.61	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.6400	0.0000	0.5773	0.0945	0.0242	10	0.66	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.7105	0.0210	0.5773	0.0945	0.0242	10	1.41	12%	0
137.99	Tyrosine, Miscellaneous (%)	0889	0.4625	0.0050	0.5443	0.0551	0.0107	4			0
137.99	Tyrosine, Miscellaneous (%)	0227	0.5600	0.0000	0.5443	0.0551	0.0107	4			0
137.99	Tyrosine, Miscellaneous (%)	2144	0.5750	0.0100	0.5443	0.0551	0.0107	4			0
137.99	Tyrosine, Miscellaneous (%)	2146	0.5795	0.0170	0.5443	0.0551	0.0107	4			0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.7500	0.0200	0.8258	0.0395	0.0199	12	-1.92	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	0.7750	0.0300	0.8258	0.0395	0.0199	12	-1.29	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.8070	0.0000	0.8258	0.0395	0.0199	12	-0.48	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.8100	0.0000	0.8258	0.0395	0.0199	12	-0.40	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.8110	0.0186	0.8258	0.0395	0.0199	12	-0.38	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.8250	0.0300	0.8258	0.0395	0.0199	12	-0.02	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.8250	0.0120	0.8258	0.0395	0.0199	12	-0.02	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.8350	0.0100	0.8258	0.0395	0.0199	12	0.23	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.8504	0.0284	0.8258	0.0395	0.0199	12	0.62	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.8586	0.0122	0.8258	0.0395	0.0199	12	0.83	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.8610	0.0080	0.8258	0.0395	0.0199	12	0.89	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.8850	0.0300	0.8258	0.0395	0.0199	12	1.50	4%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.8945	0.0150				1			0
138.05	Valine, Pre-col AQC Der (%)	0870	0.6400	0.0340	0.8132	0.0651	0.0229	10	-2.66	11%	0
138.05	Valine, Pre-col AQC Der (%)	2319	0.7450	0.0100	0.8132	0.0651	0.0229	10	-1.05	4%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.7800	0.0000	0.8132	0.0651	0.0229	10	-0.51	2%	0
138.05	Valine, Pre-col AQC Der (%)	2188	0.7850	0.0000	0.8132	0.0651	0.0229	10	-0.43	2%	0
138.05	Valine, Pre-col AQC Der (%)	0407	0.7945	0.0130	0.8132	0.0651	0.0229	10	-0.29	1%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.8440	0.0000	0.8132	0.0651	0.0229	10	0.47	2%	0
138.05	Valine, Pre-col AQC Der (%)	0242	0.8550	0.0100	0.8132	0.0651	0.0229	10	0.64	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		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 (%)	0148	0.8565	0.0370	0.8132	0.0651	0.0229	10	0.67	3%	0
138.05	Valine, Pre-col AQC Der (%)	0626	0.8675	0.0070	0.8132	0.0651	0.0229	10	0.83	3%	0
138.05	Valine, Pre-col AQC Der (%)	2246	0.8886	0.0494	0.8132	0.0651	0.0229	10	1.16	5%	0
138.99	Valine, Miscellaneous (%)	0889	0.7175	0.0050	0.8323	0.0893	0.0080	4			0
138.99	Valine, Miscellaneous (%)	2144	0.8300	0.0000	0.8323	0.0893	0.0080	4			0
138.99	Valine, Miscellaneous (%)	2146	0.8465	0.0090	0.8323	0.0893	0.0080	4			0
138.99	Valine, Miscellaneous (%)	0227	0.9350	0.0100	0.8323	0.0893	0.0080	4			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0420	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1900	0.0000				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0065	0.0030				1			0
139.99	Taurine, Miscellaneous (%)	0889	0.0300	0.0000				1			0
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					1			5
160.10	Fructose, HPAEC PAD (%)	0297	0.1600	0.0000				1			0
160.99	Fructose, Miscellaneous (%)	0227	0.3400	0.0200				2			0
160.99	Fructose, Miscellaneous (%)	0148	0.3820	0.0240				2			0
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
162.10	Glucose, HPAEC PAD (%)	0297	0.1500	0.0000				1			0
162.99	Glucose, Miscellaneous (%)	0227	0.6750	0.0100				2			0
162.99	Glucose, Miscellaneous (%)	0689	5.050	0.3000				2			0
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.10	Maltose, HPAEC PAD (%)	0297	0.2550	0.0300				1			0
164.99	Maltose, Miscellaneous (%)	0227	0.3150	0.0300				1			0
165.10	Sucrose, HPAEC PAD (%)	0297	1.925	0.0900				1			0
165.99	Sucrose, Miscellaneous (%)	0227	1.770	0.0200				2			0
165.99	Sucrose, Miscellaneous (%)	0148	1.850	0.0200				2			0
166.10	Raffinose, HPAEC PAD (%)	0297	0.8500	0.0800				1			0
166.99	Raffinose, Miscellaneous (%)	0227	0.5750	0.0100				1			0
167.10	Stachyose, HPAEC PAD (%)	0297	1.040	0.0200				1			0
167.99	Stachyose, Miscellaneous (%)	0227	0.3100	0.0200				1			0
345.00	Amprolium, Colorimetric (ppm)	0019	114.0	6.000	144.8	24.12	10.91	5			0
345.00	Amprolium, Colorimetric (ppm)	0028	135.5	2.630	144.8	24.12	10.91	5			0
345.00	Amprolium, Colorimetric (ppm)	0043	145.0	0.0000	144.8	24.12	10.91	5			0
345.00	Amprolium, Colorimetric (ppm)	0013	149.0	20.00	144.8	24.12	10.91	5			0
345.00	Amprolium, Colorimetric (ppm)	0036	180.5	15.00	144.8	24.12	10.91	5			0
345.02	Amprolium, LC (UV or FL) (ppm)	0014	125.5	11.00	141.9	7.778	3.573	9	-2.11	6%	0
345.02	Amprolium, LC (UV or FL) (ppm)	0033	134.5	1.000	141.9	7.778	3.573	9	-0.95	3%	0
345.02	Amprolium, LC (UV or FL) (ppm)	0218	138.0	0.0000	141.9	7.778	3.573	9	-0.50	1%	0
345.02	Amprolium, LC (UV or FL) (ppm)	0038	140.0	2.000	141.9	7.778	3.573	9	-0.24	1%	0
345.02	Amprolium, LC (UV or FL) (ppm)	0512	142.4	6.500	141.9	7.778	3.573	9	0.06	0%	0
345.02	Amprolium, LC (UV or FL) (ppm)	0047	145.2	1.640	141.9	7.778	3.573	9	0.42	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
345.02	Amprolium, LC (UV or FL) (ppm)	0027	147.5	1.000	141.9	7.778	3.573	9	0.72	2%	0
345.02	Amprolium, LC (UV or FL) (ppm)	0964	148.4	1.753	141.9	7.778	3.573	9	0.83	2%	0
345.02	Amprolium, LC (UV or FL) (ppm)	0001	151.0	6.000	141.9	7.778	3.573	9	1.17	3%	0
345.04	Amprolium, LC-MS/MS (ppm)	0242	15.25	0.4200				2			0
345.04	Amprolium, LC-MS/MS (ppm)	0148	176.6	3.127				2			0
354.04	Decoquinatate, LC-MS/MS (ppm)	2113	< 0.25					0			5
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	2113	< 0.25					0			5
365.00	Monensin, Plate (ppm)	0027	33.07	1.010				1			0
365.02	Monensin, LC (ppm)	2192	33.20	0.2700				3			0
365.02	Monensin, LC (ppm)	0668	33.50	4.400				3			0
365.02	Monensin, LC (ppm)	0610	35.80	0.4000				3			0
365.03	Monensin, LC-PCD (ppm)	0590	28.20	1.600	33.80	4.370	0.8965	6	-1.28	8%	0
365.03	Monensin, LC-PCD (ppm)	0035	30.18	0.0900	33.80	4.370	0.8965	6	-0.83	5%	0
365.03	Monensin, LC-PCD (ppm)	0148	34.22	0.6890	33.80	4.370	0.8965	6	0.10	1%	0
365.03	Monensin, LC-PCD (ppm)	0010	35.25	0.1000	33.80	4.370	0.8965	6	0.33	2%	0
365.03	Monensin, LC-PCD (ppm)	0036	37.00	0.8000	33.80	4.370	0.8965	6	0.73	5%	0
365.03	Monensin, LC-PCD (ppm)	0033	37.95	2.100	33.80	4.370	0.8965	6	0.95	6%	0
365.03	Monensin, LC-PCD (ppm)	0218	34.65	7.300	33.80	4.370	0.8965	6	0.19	1%	1
365.04	Monensin, LC-MS (ppm)	0003	30.25	1.100				2			0
365.04	Monensin, LC-MS (ppm)	0013	37.00	6.000				2			0
365.05	Monensin, LC-MS/MS (ppm)	0884	25.15	0.7000	31.89	3.703	1.160	9	-1.82	11%	0
365.05	Monensin, LC-MS/MS (ppm)	0505	29.40	0.6000	31.89	3.703	1.160	9	-0.67	4%	0
365.05	Monensin, LC-MS/MS (ppm)	0028	29.70	2.200	31.89	3.703	1.160	9	-0.59	3%	0
365.05	Monensin, LC-MS/MS (ppm)	0148	31.36	0.3060	31.89	3.703	1.160	9	-0.14	1%	0
365.05	Monensin, LC-MS/MS (ppm)	0009	31.72	1.010	31.89	3.703	1.160	9	-0.05	0%	0
365.05	Monensin, LC-MS/MS (ppm)	2113	32.50	5.000	31.89	3.703	1.160	9	0.16	1%	0
365.05	Monensin, LC-MS/MS (ppm)	0038	33.65	0.1000	31.89	3.703	1.160	9	0.48	3%	0
365.05	Monensin, LC-MS/MS (ppm)	0610	34.90	0.8000	31.89	3.703	1.160	9	0.81	5%	0
365.05	Monensin, LC-MS/MS (ppm)	0875	47.00	2.000	31.89	3.703	1.160	9	4.08	24%	0
365.99	Monensin, Miscellaneous (ppm)	0668	33.55	0.1000				2			0
365.99	Monensin, Miscellaneous (ppm)	0512	37.91	0.8300				2			0
379.05	Salinomycin, LC-MS/MS (ppm)	2113	< 0.025					0			5
391.03	Narasin, LC-MS/MS (ppm)	2113	< 0.25					0			5
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.4192	0.0029	0.4559	0.0284	0.0041	14	-1.29	4%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.4225	0.0130	0.4559	0.0284	0.0041	14	-1.18	4%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.4330	0.0040	0.4559	0.0284	0.0041	14	-0.81	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.4385	0.0030	0.4559	0.0284	0.0041	14	-0.61	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.4415	0.0110	0.4559	0.0284	0.0041	14	-0.51	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4427	0.0030	0.4559	0.0284	0.0041	14	-0.47	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.4500	0.0060	0.4559	0.0284	0.0041	14	-0.21	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0123	0.4625	0.0050	0.4559	0.0284	0.0041	14	0.23	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0010	0.4651	0.0015	0.4559	0.0284	0.0041	14	0.32	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.4665	0.0030	0.4559	0.0284	0.0041	14	0.37	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.4672	0.0051	0.4559	0.0284	0.0041	14	0.39	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2114	0.4773	0.0033	0.4559	0.0284	0.0041	14	0.75	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0885	0.5400	0.0000	0.4559	0.0284	0.0041	14	2.96	9%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.5633	0.0009	0.4559	0.0284	0.0041	14	3.77	12%	0
516.00	Arsenic, Total (As), AA, Hydride (ppm)	0045	0.0450	0.0100				1			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0964	< 1.42					0			5
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0682	< 20					0			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0186	0.0559	0.0024				1			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.0408	0.0092				2			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0227	0.0645	0.0030				2			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0199	< 0.05					2			5
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.1026	0.0012				1			0
518.42	Cadmium, ICP, Open vessel (ppm)	0685	0.1800	0.0200				1			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.1235	0.0136				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0968	0.1340	0.0020				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0964	< 0.17					2			5
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					2			5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.1288	0.0009				1			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0199	0.1025	0.0130				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.1227	0.0070				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.1290	0.0160				3			0
518.99	Cadmium, Miscellaneous (ppm)	2114	0.1469	0.0016				1			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	4.038	0.0879				1			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0693	5.703	0.4310				2			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	6.610	0.2400				2			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	5.522	0.0072	6.198	0.6421	0.0461	5			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0968	5.743	0.0410	6.198	0.6421	0.0461	5			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0297	6.000	0.0000	6.198	0.6421	0.0461	5			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	6.685	0.0900	6.198	0.6421	0.0461	5			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	7.040	0.0000	6.198	0.6421	0.0461	5			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0964	8.020	1.020	6.198	0.6421	0.0461	5			1
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	2.140	0.0730				1			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0199	1.450	0.3000	5.319	2.622	0.2203	4			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0164	6.090	0.0400	5.319	2.622	0.2203	4			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0939	6.510	0.1600	5.319	2.622	0.2203	4			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	7.227	0.3812	5.319	2.622	0.2203	4			0
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1575	0.0202				1			0
526.43	Lead, ICP, Microwave (ppm)	0407	0.2097	0.0099				1			0
526.43	Lead, ICP, Microwave (ppm)	0964	< 0.91					1			5
526.43	Lead, ICP, Microwave (ppm)	0682	< 10					1			5
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.1132	0.0044				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs			
526.53	Lead, ICP-MS, Microwave (ppm)	0199	0.1050	0.0100	0.1163	0.0160	0.0058	4		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.1100	0.0034	0.1163	0.0160	0.0058	4		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.1100	0.0040	0.1163	0.0160	0.0058	4		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0939	0.1400	0.0000	0.1163	0.0160	0.0058	4		0	
529.99	Mercury, Miscellaneous (ppb)	0407	2.242	0.1287				1		0	
529.99	Mercury, Miscellaneous (ppb)	0199	< 0.05					1		5	
529.99	Mercury, Miscellaneous (ppb)	0227	< 10					1		5	
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					1		5	
539.41	Nickel, ICP, Dry ash (ppm)	0407	3.440	0.0442				1		0	
539.43	Nickel, ICP, Microwave (ppm)	0407	3.511	0.0872				3		0	
539.43	Nickel, ICP, Microwave (ppm)	0297	4.000	0.0000				3		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	4.270	0.0000				3		0	
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	1.759	0.0083				1		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0939	3.525	0.0900				2		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	3.694	0.2478				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.0110	0.0004				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0918	0.3750	0.0100				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.7724	0.0090				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.0115	0.0010				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0123	0.0001				2		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0918	0.0650	0.0100				2		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.1032	0.0010				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0918	0.3900	0.0200				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.8860	0.0074				2		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0918	0.8950	0.0300				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	2.455	0.0300				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	2.629	0.0100				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0918	0.0850	0.0100				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0226	0.1488	0.0007				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0676	0.1630	0.0020				3		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0143	0.0003				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0200	0.0003				1		0	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0108	0.0000				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-22:5), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0132	0.0004				1		0	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs			
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c)	0676	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c)	0226	< 0.005					0		5	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%)	0226	< 0.005					0		5	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0918	0.0850	0.0100				2		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0676	0.1630	0.0020				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0918	0.8950	0.0300				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0676	2.635	0.0110				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (%)	0918	0.4400	0.0200				1		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous	0918	0.4100	0.0200				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous	0918	0.9750	0.0500				1		0	
772.99	Total Fatty Acids, Miscellaneous (%) (w/w)	0918	1.825	0.0900				2		0	
772.99	Total Fatty Acids, Miscellaneous (%) (w/w)	0226	4.450	0.0400				2		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.

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.