

Animal Feed Scheme
Pig Grower, Medicated

Test Material Code # 202026

Labs Reporting: 177
Methods Reported 414
Issue Date : 07/31/2020

Method Proficiency Testing Report

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	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.3000	0.0000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	9.155	0.0100				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	9.339	0.0240				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	9.682	0.0670				3			0
001.03	Loss on Drying, Low temp. methods (%)	2295	9.265	0.0100	9.451	0.1843	0.0350	6	-1.01	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0878	9.320	0.1200	9.451	0.1843	0.0350	6	-0.71	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	9.420	0.0200	9.451	0.1843	0.0350	6	-0.17	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	9.431	0.0000	9.451	0.1843	0.0350	6	-0.11	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.560	0.0600	9.451	0.1843	0.0350	6	0.59	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	9.710	0.0000	9.451	0.1843	0.0350	6	1.41	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0843	10.09	0.4400	9.451	0.1843	0.0350	6	3.47	3%	1
001.05	Loss on Drying, LECO (%)	0644	9.571	0.0290				2			0
001.05	Loss on Drying, LECO (%)	0968	9.925	0.0100				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	7.405	0.0700	9.480	0.2780	0.1073	43	-7.47	11%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	8.575	0.1100	9.480	0.2780	0.1073	43	-3.26	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	8.960	0.1400	9.480	0.2780	0.1073	43	-1.87	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	9.110	0.0800	9.480	0.2780	0.1073	43	-1.33	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	9.115	0.0900	9.480	0.2780	0.1073	43	-1.31	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	9.170	0.0200	9.480	0.2780	0.1073	43	-1.12	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	9.175	0.2300	9.480	0.2780	0.1073	43	-1.10	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	9.225	0.0100	9.480	0.2780	0.1073	43	-0.92	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	9.230	0.0200	9.480	0.2780	0.1073	43	-0.90	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	9.285	0.0300	9.480	0.2780	0.1073	43	-0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	9.300	0.2000	9.480	0.2780	0.1073	43	-0.65	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	9.320	0.4400	9.480	0.2780	0.1073	43	-0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	9.325	0.3900	9.480	0.2780	0.1073	43	-0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	9.330	0.0200	9.480	0.2780	0.1073	43	-0.54	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.360	0.0800	9.480	0.2780	0.1073	43	-0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	9.380	0.1600	9.480	0.2780	0.1073	43	-0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	9.390	0.0000	9.480	0.2780	0.1073	43	-0.32	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	9.393	0.0134	9.480	0.2780	0.1073	43	-0.31	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	9.410	0.0600	9.480	0.2780	0.1073	43	-0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	9.437	0.1044	9.480	0.2780	0.1073	43	-0.16	0%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	9.457	0.0810	9.480	0.2780	0.1073	43	-0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	9.510	0.0000	9.480	0.2780	0.1073	43	0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.550	0.0000	9.480	0.2780	0.1073	43	0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	9.555	0.0100	9.480	0.2780	0.1073	43	0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	9.575	0.0300	9.480	0.2780	0.1073	43	0.34	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	9.585	0.0700	9.480	0.2780	0.1073	43	0.38	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	9.585	0.1300	9.480	0.2780	0.1073	43	0.38	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	9.600	0.0000	9.480	0.2780	0.1073	43	0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.600	0.0600	9.480	0.2780	0.1073	43	0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	9.620	0.1800	9.480	0.2780	0.1073	43	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	9.640	0.0200	9.480	0.2780	0.1073	43	0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.660	0.0800	9.480	0.2780	0.1073	43	0.65	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	9.665	0.1300	9.480	0.2780	0.1073	43	0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.685	0.0100	9.480	0.2780	0.1073	43	0.74	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	9.685	0.0900	9.480	0.2780	0.1073	43	0.74	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.700	0.0000	9.480	0.2780	0.1073	43	0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	9.725	0.0700	9.480	0.2780	0.1073	43	0.88	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	9.750	0.3400	9.480	0.2780	0.1073	43	0.97	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	9.765	0.0300	9.480	0.2780	0.1073	43	1.03	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.906	0.4530	9.480	0.2780	0.1073	43	1.53	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.945	0.0700	9.480	0.2780	0.1073	43	1.67	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	10.09	0.4400	9.480	0.2780	0.1073	43	2.19	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	10.18	0.0500	9.480	0.2780	0.1073	43	2.50	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	7.030	0.1000	9.203	0.4999	0.1691	21	-4.35	12%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	8.510	0.4200	9.203	0.4999	0.1691	21	-1.39	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.595	0.0700	9.203	0.4999	0.1691	21	-1.22	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	8.645	0.3100	9.203	0.4999	0.1691	21	-1.12	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	8.885	0.4100	9.203	0.4999	0.1691	21	-0.64	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	8.945	0.0700	9.203	0.4999	0.1691	21	-0.52	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	9.000	0.0000	9.203	0.4999	0.1691	21	-0.41	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	9.075	0.1900	9.203	0.4999	0.1691	21	-0.26	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	9.080	0.0800	9.203	0.4999	0.1691	21	-0.25	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	9.165	0.0500	9.203	0.4999	0.1691	21	-0.08	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	9.175	0.5700	9.203	0.4999	0.1691	21	-0.06	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	9.255	0.1300	9.203	0.4999	0.1691	21	0.10	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	9.297	0.0066	9.203	0.4999	0.1691	21	0.19	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	9.320	0.0200	9.203	0.4999	0.1691	21	0.23	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	9.480	0.5200	9.203	0.4999	0.1691	21	0.55	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	9.545	0.0100	9.203	0.4999	0.1691	21	0.68	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	9.625	0.2520	9.203	0.4999	0.1691	21	0.84	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	9.650	0.1000	9.203	0.4999	0.1691	21	0.89	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	9.650	0.0000	9.203	0.4999	0.1691	21	0.89	2%	0

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001.99	Loss on Drying, Miscellaneous (%)	0357	10.06	0.1222	9.203	0.4999	0.1691	21	1.72	5%	0
001.99	Loss on Drying, Miscellaneous (%)	2304	10.25	0.1200	9.203	0.4999	0.1691	21	2.10	6%	0
002.00	Protein, Crude, Crude (%)	0169	16.11	0.0200				1			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0968	15.94	0.0000	16.09	0.1897	0.0442	9	-0.79	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0652	15.95	0.1000	16.09	0.1897	0.0442	9	-0.74	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0870	15.98	0.0160	16.09	0.1897	0.0442	9	-0.60	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0662	16.00	0.1250	16.09	0.1897	0.0442	9	-0.47	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2196	16.01	0.0000	16.09	0.1897	0.0442	9	-0.42	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0164	16.03	0.0600	16.09	0.1897	0.0442	9	-0.32	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2188	16.20	0.0000	16.09	0.1897	0.0442	9	0.58	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0889	16.33	0.0600	16.09	0.1897	0.0442	9	1.26	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2259	18.14	0.0370	16.09	0.1897	0.0442	9	10.78	6%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0910	15.65	0.5000	16.09	0.1897	0.0442	9	-2.32	1%	1
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	15.85	0.1921				2			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	15.92	0.0900				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0728	16.01	0.1500				1			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0852	15.24	0.1700	15.96	0.1974	0.0733	30	-3.66	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0893	15.30	0.0000	15.96	0.1974	0.0733	30	-3.33	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2291	15.44	0.1200	15.96	0.1974	0.0733	30	-2.62	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2295	15.68	0.0100	15.96	0.1974	0.0733	30	-1.43	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	15.78	0.0400	15.96	0.1974	0.0733	30	-0.90	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	15.79	0.1100	15.96	0.1974	0.0733	30	-0.87	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	15.80	0.2000	15.96	0.1974	0.0733	30	-0.80	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	15.83	0.0354	15.96	0.1974	0.0733	30	-0.63	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0674	15.85	0.0000	15.96	0.1974	0.0733	30	-0.54	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	15.86	0.0800	15.96	0.1974	0.0733	30	-0.49	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0868	15.88	0.0800	15.96	0.1974	0.0733	30	-0.39	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	15.90	0.2000	15.96	0.1974	0.0733	30	-0.29	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	15.92	0.0100	15.96	0.1974	0.0733	30	-0.21	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	15.94	0.0500	15.96	0.1974	0.0733	30	-0.11	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	15.96	0.0750	15.96	0.1974	0.0733	30	0.03	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0878	16.01	0.0000	15.96	0.1974	0.0733	30	0.27	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	16.02	0.0100	15.96	0.1974	0.0733	30	0.29	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	16.03	0.0130	15.96	0.1974	0.0733	30	0.38	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	16.05	0.0900	15.96	0.1974	0.0733	30	0.44	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	16.05	0.0600	15.96	0.1974	0.0733	30	0.47	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	16.06	0.0100	15.96	0.1974	0.0733	30	0.49	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2062	16.08	0.0257	15.96	0.1974	0.0733	30	0.63	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	16.09	0.0500	15.96	0.1974	0.0733	30	0.65	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	16.12	0.2300	15.96	0.1974	0.0733	30	0.80	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2012	16.12	0.0900	15.96	0.1974	0.0733	30	0.80	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	16.15	0.0100	15.96	0.1974	0.0733	30	0.95	1%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	0683	16.15	0.0400	15.96	0.1974	0.0733	30	0.98	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0897	16.19	0.0200	15.96	0.1974	0.0733	30	1.18	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	16.22	0.2200	15.96	0.1974	0.0733	30	1.33	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	16.49	0.1500	15.96	0.1974	0.0733	30	2.67	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0011	13.19	0.1000	16.09	0.2481	0.1405	112	-11.69	9%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	15.31	0.0540	16.09	0.2481	0.1405	112	-3.13	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	15.45	0.5000	16.09	0.2481	0.1405	112	-2.58	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2246	15.46	0.0800	16.09	0.2481	0.1405	112	-2.54	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	15.50	0.0100	16.09	0.2481	0.1405	112	-2.40	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	15.55	0.2800	16.09	0.2481	0.1405	112	-2.17	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2302	15.66	0.2500	16.09	0.2481	0.1405	112	-1.75	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	15.70	0.2300	16.09	0.2481	0.1405	112	-1.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	15.70	0.4100	16.09	0.2481	0.1405	112	-1.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	15.70	0.2000	16.09	0.2481	0.1405	112	-1.57	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	15.71	0.2900	16.09	0.2481	0.1405	112	-1.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	15.72	0.0625	16.09	0.2481	0.1405	112	-1.49	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	15.75	0.2400	16.09	0.2481	0.1405	112	-1.37	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	15.75	0.1000	16.09	0.2481	0.1405	112	-1.37	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2303	15.75	0.6200	16.09	0.2481	0.1405	112	-1.37	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	15.76	0.1100	16.09	0.2481	0.1405	112	-1.35	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	15.79	0.0800	16.09	0.2481	0.1405	112	-1.21	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	15.80	0.0920	16.09	0.2481	0.1405	112	-1.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	15.80	0.0000	16.09	0.2481	0.1405	112	-1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	15.87	0.3800	16.09	0.2481	0.1405	112	-0.88	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0032	15.90	0.0400	16.09	0.2481	0.1405	112	-0.75	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0546	15.92	0.0660	16.09	0.2481	0.1405	112	-0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	15.93	0.0010	16.09	0.2481	0.1405	112	-0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	15.94	0.0100	16.09	0.2481	0.1405	112	-0.62	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0006	15.95	0.1500	16.09	0.2481	0.1405	112	-0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	15.95	0.0400	16.09	0.2481	0.1405	112	-0.56	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	15.95	0.1000	16.09	0.2481	0.1405	112	-0.56	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	15.96	0.0620	16.09	0.2481	0.1405	112	-0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	15.97	0.1980	16.09	0.2481	0.1405	112	-0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0581	15.98	0.2100	16.09	0.2481	0.1405	112	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	15.98	0.5700	16.09	0.2481	0.1405	112	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	15.98	0.0760	16.09	0.2481	0.1405	112	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0028	15.98	0.0200	16.09	0.2481	0.1405	112	-0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	15.99	0.0800	16.09	0.2481	0.1405	112	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0014	16.00	0.0000	16.09	0.2481	0.1405	112	-0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2109	16.00	0.0600	16.09	0.2481	0.1405	112	-0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2184	16.01	0.0700	16.09	0.2481	0.1405	112	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	16.01	0.1000	16.09	0.2481	0.1405	112	-0.32	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	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	16.02	0.0000	16.09	0.2481	0.1405	112	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	16.02	0.0200	16.09	0.2481	0.1405	112	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	16.03	0.0500	16.09	0.2481	0.1405	112	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	16.03	0.0700	16.09	0.2481	0.1405	112	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	16.03	0.0600	16.09	0.2481	0.1405	112	-0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	16.04	0.1900	16.09	0.2481	0.1405	112	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	16.04	0.0400	16.09	0.2481	0.1405	112	-0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	16.05	0.1100	16.09	0.2481	0.1405	112	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	16.05	0.0768	16.09	0.2481	0.1405	112	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	16.05	0.3000	16.09	0.2481	0.1405	112	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	16.07	0.0100	16.09	0.2481	0.1405	112	-0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	16.07	0.0500	16.09	0.2481	0.1405	112	-0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	16.08	0.1500	16.09	0.2481	0.1405	112	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	16.08	0.0500	16.09	0.2481	0.1405	112	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	16.08	0.2570	16.09	0.2481	0.1405	112	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	16.09	0.0500	16.09	0.2481	0.1405	112	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	16.10	0.0500	16.09	0.2481	0.1405	112	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	16.10	0.0300	16.09	0.2481	0.1405	112	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	16.10	0.0000	16.09	0.2481	0.1405	112	0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	16.10	0.2000	16.09	0.2481	0.1405	112	0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2053	16.10	0.2000	16.09	0.2481	0.1405	112	0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	16.12	0.1000	16.09	0.2481	0.1405	112	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	16.12	0.1000	16.09	0.2481	0.1405	112	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	16.13	0.1400	16.09	0.2481	0.1405	112	0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	16.14	0.0000	16.09	0.2481	0.1405	112	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	16.14	0.0200	16.09	0.2481	0.1405	112	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	16.15	0.0300	16.09	0.2481	0.1405	112	0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	16.15	0.1000	16.09	0.2481	0.1405	112	0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	16.15	0.1000	16.09	0.2481	0.1405	112	0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	16.16	0.0000	16.09	0.2481	0.1405	112	0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	16.16	0.1800	16.09	0.2481	0.1405	112	0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0298	16.17	0.0200	16.09	0.2481	0.1405	112	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	16.17	0.1200	16.09	0.2481	0.1405	112	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2216	16.17	0.1400	16.09	0.2481	0.1405	112	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	16.18	0.1500	16.09	0.2481	0.1405	112	0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0904	16.18	0.0400	16.09	0.2481	0.1405	112	0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	16.19	0.2000	16.09	0.2481	0.1405	112	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	16.19	0.0400	16.09	0.2481	0.1405	112	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	16.20	0.0000	16.09	0.2481	0.1405	112	0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	16.20	0.0000	16.09	0.2481	0.1405	112	0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	16.20	0.2000	16.09	0.2481	0.1405	112	0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	16.21	0.3600	16.09	0.2481	0.1405	112	0.49	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	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	16.21	0.0200	16.09	0.2481	0.1405	112	0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	16.22	0.1500	16.09	0.2481	0.1405	112	0.51	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	16.22	0.4300	16.09	0.2481	0.1405	112	0.51	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	16.23	0.0500	16.09	0.2481	0.1405	112	0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0868	16.23	0.0100	16.09	0.2481	0.1405	112	0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	16.23	0.0400	16.09	0.2481	0.1405	112	0.57	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	16.24	0.0300	16.09	0.2481	0.1405	112	0.59	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0872	16.24	0.3000	16.09	0.2481	0.1405	112	0.61	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	16.25	0.1000	16.09	0.2481	0.1405	112	0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	16.25	0.3000	16.09	0.2481	0.1405	112	0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	16.25	0.1000	16.09	0.2481	0.1405	112	0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2174	16.26	0.0700	16.09	0.2481	0.1405	112	0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	16.28	0.2400	16.09	0.2481	0.1405	112	0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	16.28	0.0990	16.09	0.2481	0.1405	112	0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0914	16.29	0.0900	16.09	0.2481	0.1405	112	0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	16.29	0.0610	16.09	0.2481	0.1405	112	0.81	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	16.31	0.0000	16.09	0.2481	0.1405	112	0.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	16.39	0.0500	16.09	0.2481	0.1405	112	1.19	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	16.39	0.0900	16.09	0.2481	0.1405	112	1.19	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	16.55	0.3300	16.09	0.2481	0.1405	112	1.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	16.55	0.0370	16.09	0.2481	0.1405	112	1.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	16.55	0.3000	16.09	0.2481	0.1405	112	1.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	16.55	0.5000	16.09	0.2481	0.1405	112	1.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	16.56	0.0844	16.09	0.2481	0.1405	112	1.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	16.57	0.0100	16.09	0.2481	0.1405	112	1.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0692	16.65	0.7000	16.09	0.2481	0.1405	112	2.26	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	16.68	0.1900	16.09	0.2481	0.1405	112	2.36	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2012	16.69	0.0000	16.09	0.2481	0.1405	112	2.42	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0656	17.01	0.0200	16.09	0.2481	0.1405	112	3.71	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	17.48	0.7890	16.09	0.2481	0.1405	112	5.61	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2178	18.44	0.5100	16.09	0.2481	0.1405	112	9.45	7%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	20.21	0.0900	16.09	0.2481	0.1405	112	16.59	13%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	11.32	9.926	16.09	0.2481	0.1405	112	-19.24	15%	2
002.08	Protein, Crude, Cu/Ti (%)	0563	15.48	0.3205				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	16.09	0.1400				2			0
002.11	Protein, Crude, NIR (%)	0889	14.84	0.1600	16.89	1.237	0.0414	7	-1.67	6%	0
002.11	Protein, Crude, NIR (%)	0852	16.54	0.0300	16.89	1.237	0.0414	7	-0.29	1%	0
002.11	Protein, Crude, NIR (%)	0590	16.65	0.1000	16.89	1.237	0.0414	7	-0.20	1%	0
002.11	Protein, Crude, NIR (%)	0553	16.74	0.0000	16.89	1.237	0.0414	7	-0.13	0%	0
002.11	Protein, Crude, NIR (%)	0297	17.16	0.0000	16.89	1.237	0.0414	7	0.21	1%	0
002.11	Protein, Crude, NIR (%)	0148	17.50	0.0000	16.89	1.237	0.0414	7	0.49	2%	0
002.11	Protein, Crude, NIR (%)	0011	18.64	0.0000	16.89	1.237	0.0414	7	1.41	5%	0

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002.11	Protein, Crude, NIR (%)	2302	16.26	0.9900	16.89	1.237	0.0414	7	-0.52	2%	1
002.99	Protein, Crude, Miscellaneous (%)	0643	16.47	0.5500				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	2.340	0.0200	2.752	0.3858	0.0507	11	-1.07	7%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0035	2.470	0.0600	2.752	0.3858	0.0507	11	-0.73	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	2.476	0.0762	2.752	0.3858	0.0507	11	-0.71	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	2.485	0.0100	2.752	0.3858	0.0507	11	-0.69	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	2.502	0.0411	2.752	0.3858	0.0507	11	-0.65	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0683	2.590	0.0600	2.752	0.3858	0.0507	11	-0.42	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2053	2.830	0.0800	2.752	0.3858	0.0507	11	0.20	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0032	3.030	0.0400	2.752	0.3858	0.0507	11	0.72	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0175	3.080	0.0400	2.752	0.3858	0.0507	11	0.85	6%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	3.135	0.0300	2.752	0.3858	0.0507	11	0.99	7%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2144	4.080	0.1000	2.752	0.3858	0.0507	11	3.44	24%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0563	2.322	0.1052				2			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0164	2.675	0.1700				2			0
003.06	Fat, Crude, Pet Ether (%)	2295	2.365	0.0300	2.667	0.2483	0.0662	13	-1.22	6%	0
003.06	Fat, Crude, Pet Ether (%)	2181	2.370	0.1000	2.667	0.2483	0.0662	13	-1.20	6%	0
003.06	Fat, Crude, Pet Ether (%)	0918	2.390	0.0600	2.667	0.2483	0.0662	13	-1.11	5%	0
003.06	Fat, Crude, Pet Ether (%)	2268	2.405	0.0500	2.667	0.2483	0.0662	13	-1.05	5%	0
003.06	Fat, Crude, Pet Ether (%)	0169	2.630	0.2600	2.667	0.2483	0.0662	13	-0.15	1%	0
003.06	Fat, Crude, Pet Ether (%)	0687	2.700	0.2000	2.667	0.2483	0.0662	13	0.13	1%	0
003.06	Fat, Crude, Pet Ether (%)	0689	2.700	0.0000	2.667	0.2483	0.0662	13	0.13	1%	0
003.06	Fat, Crude, Pet Ether (%)	0297	2.770	0.0000	2.667	0.2483	0.0662	13	0.42	2%	0
003.06	Fat, Crude, Pet Ether (%)	0682	2.790	0.0000	2.667	0.2483	0.0662	13	0.50	2%	0
003.06	Fat, Crude, Pet Ether (%)	0644	2.802	0.0900	2.667	0.2483	0.0662	13	0.55	3%	0
003.06	Fat, Crude, Pet Ether (%)	0294	2.805	0.0100	2.667	0.2483	0.0662	13	0.56	3%	0
003.06	Fat, Crude, Pet Ether (%)	0425	2.960	0.0000	2.667	0.2483	0.0662	13	1.18	5%	0
003.06	Fat, Crude, Pet Ether (%)	0910	2.980	0.0600	2.667	0.2483	0.0662	13	1.26	6%	0
003.06	Fat, Crude, Pet Ether (%)	0229	2.410	0.5600	2.667	0.2483	0.0662	13	-1.03	5%	1
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	2.402	0.0960	2.849	0.2411	0.1006	15	-1.85	8%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0013	2.445	0.1900	2.849	0.2411	0.1006	15	-1.68	7%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	2.535	0.3300	2.849	0.2411	0.1006	15	-1.30	6%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2012	2.770	0.0400	2.849	0.2411	0.1006	15	-0.33	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	2.795	0.0500	2.849	0.2411	0.1006	15	-0.22	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	2.795	0.1500	2.849	0.2411	0.1006	15	-0.22	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	2.804	0.1590	2.849	0.2411	0.1006	15	-0.19	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0964	2.895	0.0340	2.849	0.2411	0.1006	15	0.19	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	2.940	0.0200	2.849	0.2411	0.1006	15	0.38	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0674	2.960	0.0000	2.849	0.2411	0.1006	15	0.46	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	3.005	0.0300	2.849	0.2411	0.1006	15	0.65	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	3.010	0.1800	2.849	0.2411	0.1006	15	0.67	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	3.010	0.1200	2.849	0.2411	0.1006	15	0.67	3%	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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003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0510	3.050	0.1000	2.849	0.2411	0.1006	15	0.83	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	3.195	0.0100	2.849	0.2411	0.1006	15	1.43	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	1.945	0.0300	2.542	0.2141	0.0710	24	-2.79	12%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	2.160	0.0200	2.542	0.2141	0.0710	24	-1.79	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	2.182	0.0200	2.542	0.2141	0.0710	24	-1.68	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	2.280	0.0400	2.542	0.2141	0.0710	24	-1.23	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0897	2.325	0.0100	2.542	0.2141	0.0710	24	-1.02	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0728	2.415	0.0300	2.542	0.2141	0.0710	24	-0.60	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	2.422	0.0420	2.542	0.2141	0.0710	24	-0.56	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	2.470	0.0000	2.542	0.2141	0.0710	24	-0.34	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	2.495	0.0500	2.542	0.2141	0.0710	24	-0.22	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	2.500	0.0400	2.542	0.2141	0.0710	24	-0.20	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	2.560	0.0600	2.542	0.2141	0.0710	24	0.08	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	2.564	0.2370	2.542	0.2141	0.0710	24	0.10	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	2.579	0.0182	2.542	0.2141	0.0710	24	0.17	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	2.600	0.0000	2.542	0.2141	0.0710	24	0.27	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	2.650	0.1000	2.542	0.2141	0.0710	24	0.50	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0062	2.655	0.0040	2.542	0.2141	0.0710	24	0.53	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	2.657	0.0840	2.542	0.2141	0.0710	24	0.54	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	2.660	0.0800	2.542	0.2141	0.0710	24	0.55	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	2.660	0.0800	2.542	0.2141	0.0710	24	0.55	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	2.665	0.1700	2.542	0.2141	0.0710	24	0.57	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	2.750	0.0800	2.542	0.2141	0.0710	24	0.97	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	2.804	0.1590	2.542	0.2141	0.0710	24	1.22	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	2.805	0.1100	2.542	0.2141	0.0710	24	1.23	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	2.840	0.2400	2.542	0.2141	0.0710	24	1.39	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	2.422	0.5300	2.542	0.2141	0.0710	24	-0.56	2%	1
003.11	Fat, Crude, NIR (%)	0889	2.473	0.0050	3.135	0.5646	0.0264	7	-1.17	11%	0
003.11	Fat, Crude, NIR (%)	0148	2.800	0.0000	3.135	0.5646	0.0264	7	-0.59	5%	0
003.11	Fat, Crude, NIR (%)	0590	2.865	0.0700	3.135	0.5646	0.0264	7	-0.48	4%	0
003.11	Fat, Crude, NIR (%)	0553	3.040	0.0200	3.135	0.5646	0.0264	7	-0.17	2%	0
003.11	Fat, Crude, NIR (%)	0297	3.345	0.0700	3.135	0.5646	0.0264	7	0.37	3%	0
003.11	Fat, Crude, NIR (%)	0852	3.440	0.0200	3.135	0.5646	0.0264	7	0.54	5%	0
003.11	Fat, Crude, NIR (%)	0011	6.250	0.0000	3.135	0.5646	0.0264	7	5.52	50%	0
003.11	Fat, Crude, NIR (%)	2302	2.470	0.4800	3.135	0.5646	0.0264	7	-1.18	11%	1
003.12	Fat, Crude, Hexane Ext (%)	0893	1.730	0.0000				3			0
003.12	Fat, Crude, Hexane Ext (%)	2062	1.973	0.0060				3			0
003.12	Fat, Crude, Hexane Ext (%)	0171	2.465	0.0700				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	2.210	0.0600	2.660	0.1249	0.0984	7	-3.61	8%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2291	2.595	0.2700	2.660	0.1249	0.0984	7	-0.52	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	2.620	0.0000	2.660	0.1249	0.0984	7	-0.32	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	2.660	0.1000	2.660	0.1249	0.0984	7	0.00	0%	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	R-bar	# Labs			
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	2.730	0.1000	2.660	0.1249	0.0984	7	0.56	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	2.740	0.0000	2.660	0.1249	0.0984	7	0.64	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	2.804	0.1590	2.660	0.1249	0.0984	7	1.15	3%	0
003.14	Fat, Crude, Ankom (%)	0357	0.9500	0.1000	2.205	0.4147	0.1050	49	-3.03	28%	0
003.14	Fat, Crude, Ankom (%)	0175	1.435	0.0300	2.205	0.4147	0.1050	49	-1.86	17%	0
003.14	Fat, Crude, Ankom (%)	2129	1.447	0.1109	2.205	0.4147	0.1050	49	-1.83	17%	0
003.14	Fat, Crude, Ankom (%)	0520	1.635	0.0500	2.205	0.4147	0.1050	49	-1.37	13%	0
003.14	Fat, Crude, Ankom (%)	2302	1.665	0.1300	2.205	0.4147	0.1050	49	-1.30	12%	0
003.14	Fat, Crude, Ankom (%)	0186	1.755	0.0300	2.205	0.4147	0.1050	49	-1.08	10%	0
003.14	Fat, Crude, Ankom (%)	0265	1.795	0.0100	2.205	0.4147	0.1050	49	-0.99	9%	0
003.14	Fat, Crude, Ankom (%)	0019	1.825	0.0300	2.205	0.4147	0.1050	49	-0.92	9%	0
003.14	Fat, Crude, Ankom (%)	0089	1.900	0.0000	2.205	0.4147	0.1050	49	-0.73	7%	0
003.14	Fat, Crude, Ankom (%)	2076	1.904	0.1823	2.205	0.4147	0.1050	49	-0.73	7%	0
003.14	Fat, Crude, Ankom (%)	0939	1.940	0.4800	2.205	0.4147	0.1050	49	-0.64	6%	0
003.14	Fat, Crude, Ankom (%)	0358	1.945	0.0500	2.205	0.4147	0.1050	49	-0.63	6%	0
003.14	Fat, Crude, Ankom (%)	0013	1.965	0.2900	2.205	0.4147	0.1050	49	-0.58	5%	0
003.14	Fat, Crude, Ankom (%)	0505	1.975	0.0300	2.205	0.4147	0.1050	49	-0.55	5%	0
003.14	Fat, Crude, Ankom (%)	0083	1.995	0.0700	2.205	0.4147	0.1050	49	-0.51	5%	0
003.14	Fat, Crude, Ankom (%)	0956	2.000	0.2000	2.205	0.4147	0.1050	49	-0.49	5%	0
003.14	Fat, Crude, Ankom (%)	0968	2.010	0.1600	2.205	0.4147	0.1050	49	-0.47	4%	0
003.14	Fat, Crude, Ankom (%)	0034	2.050	0.2200	2.205	0.4147	0.1050	49	-0.37	4%	0
003.14	Fat, Crude, Ankom (%)	0144	2.060	0.2400	2.205	0.4147	0.1050	49	-0.35	3%	0
003.14	Fat, Crude, Ankom (%)	0108	2.090	0.1000	2.205	0.4147	0.1050	49	-0.28	3%	0
003.14	Fat, Crude, Ankom (%)	0529	2.095	0.0700	2.205	0.4147	0.1050	49	-0.26	2%	0
003.14	Fat, Crude, Ankom (%)	0581	2.095	0.0300	2.205	0.4147	0.1050	49	-0.26	2%	0
003.14	Fat, Crude, Ankom (%)	0035	2.135	0.0300	2.205	0.4147	0.1050	49	-0.17	2%	0
003.14	Fat, Crude, Ankom (%)	0229	2.150	0.1000	2.205	0.4147	0.1050	49	-0.13	1%	0
003.14	Fat, Crude, Ankom (%)	0004	2.165	0.0300	2.205	0.4147	0.1050	49	-0.10	1%	0
003.14	Fat, Crude, Ankom (%)	0148	2.200	0.0200	2.205	0.4147	0.1050	49	-0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0682	2.200	0.0000	2.205	0.4147	0.1050	49	-0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0298	2.220	0.0200	2.205	0.4147	0.1050	49	0.04	0%	0
003.14	Fat, Crude, Ankom (%)	0037	2.230	0.0200	2.205	0.4147	0.1050	49	0.06	1%	0
003.14	Fat, Crude, Ankom (%)	0202	2.235	0.0100	2.205	0.4147	0.1050	49	0.07	1%	0
003.14	Fat, Crude, Ankom (%)	0878	2.295	0.1100	2.205	0.4147	0.1050	49	0.22	2%	0
003.14	Fat, Crude, Ankom (%)	0563	2.322	0.1052	2.205	0.4147	0.1050	49	0.28	3%	0
003.14	Fat, Crude, Ankom (%)	0853	2.350	0.1000	2.205	0.4147	0.1050	49	0.35	3%	0
003.14	Fat, Crude, Ankom (%)	0407	2.359	0.2595	2.205	0.4147	0.1050	49	0.37	3%	0
003.14	Fat, Crude, Ankom (%)	0868	2.360	0.0200	2.205	0.4147	0.1050	49	0.37	4%	0
003.14	Fat, Crude, Ankom (%)	0009	2.385	0.0700	2.205	0.4147	0.1050	49	0.44	4%	0
003.14	Fat, Crude, Ankom (%)	0001	2.431	0.0660	2.205	0.4147	0.1050	49	0.55	5%	0
003.14	Fat, Crude, Ankom (%)	0598	2.440	0.0200	2.205	0.4147	0.1050	49	0.57	5%	0
003.14	Fat, Crude, Ankom (%)	0683	2.475	0.1500	2.205	0.4147	0.1050	49	0.65	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	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Crude, Ankom (%)	0003	2.615	0.5100	2.205	0.4147	0.1050	49	0.99	9%	0
003.14	Fat, Crude, Ankom (%)	0066	2.620	0.2000	2.205	0.4147	0.1050	49	1.00	9%	0
003.14	Fat, Crude, Ankom (%)	0619	2.740	0.0400	2.205	0.4147	0.1050	49	1.29	12%	0
003.14	Fat, Crude, Ankom (%)	0278	2.750	0.1000	2.205	0.4147	0.1050	49	1.32	12%	0
003.14	Fat, Crude, Ankom (%)	0190	2.770	0.1200	2.205	0.4147	0.1050	49	1.36	13%	0
003.14	Fat, Crude, Ankom (%)	0171	2.825	0.3100	2.205	0.4147	0.1050	49	1.50	14%	0
003.14	Fat, Crude, Ankom (%)	0726	2.855	0.0500	2.205	0.4147	0.1050	49	1.57	15%	0
003.14	Fat, Crude, Ankom (%)	0948	2.945	0.0100	2.205	0.4147	0.1050	49	1.79	17%	0
003.14	Fat, Crude, Ankom (%)	0574	3.450	0.0000	2.205	0.4147	0.1050	49	3.00	28%	0
003.14	Fat, Crude, Ankom (%)	2144	3.960	0.0600	2.205	0.4147	0.1050	49	4.23	40%	0
003.14	Fat, Crude, Ankom (%)	0692	1.700	0.8000	2.205	0.4147	0.1050	49	-1.22	11%	1
003.14	Fat, Crude, Ankom (%)	0876	2.350	0.9000	2.205	0.4147	0.1050	49	0.35	3%	1
003.99	Fat, Crude, Miscellaneous (%)	0536	1.845	0.2900	2.594	0.6715	0.1275	4			0
003.99	Fat, Crude, Miscellaneous (%)	0546	2.290	0.0200	2.594	0.6715	0.1275	4			0
003.99	Fat, Crude, Miscellaneous (%)	0941	2.850	0.2000	2.594	0.6715	0.1275	4			0
003.99	Fat, Crude, Miscellaneous (%)	0656	3.390	0.0000	2.594	0.6715	0.1275	4			0
004.00	Fiber, Crude, Asbestos Free (%)	2146	2.900	0.0200	3.672	0.4040	0.0912	12	-1.91	11%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	3.280	0.0000	3.672	0.4040	0.0912	12	-0.97	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2066	3.405	0.0300	3.672	0.4040	0.0912	12	-0.66	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	3.535	0.1700	3.672	0.4040	0.0912	12	-0.34	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	3.545	0.0100	3.672	0.4040	0.0912	12	-0.31	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	3.600	0.2000	3.672	0.4040	0.0912	12	-0.18	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	3.650	0.1000	3.672	0.4040	0.0912	12	-0.05	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	3.670	0.0400	3.672	0.4040	0.0912	12	-0.01	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	3.830	0.0050	3.672	0.4040	0.0912	12	0.39	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	4.095	0.0300	3.672	0.4040	0.0912	12	1.05	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	4.112	0.2990	3.672	0.4040	0.0912	12	1.09	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	4.885	0.1900	3.672	0.4040	0.0912	12	3.00	17%	0
004.01	Fiber, Crude, Sing Filt (%)	2144	3.480	0.0400				1			0
004.03	Fiber, Crude, Fritted Glass (%)	0921	3.570	0.5000	3.920	0.3536	0.2496	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	3.665	0.0900	3.920	0.3536	0.2496	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0885	3.856	0.0179	3.920	0.3536	0.2496	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	4.050	0.2200	3.920	0.3536	0.2496	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	4.460	0.4200	3.920	0.3536	0.2496	5			0
004.06	Fiber, Crude, Fibertec (%)	0728	3.450	0.3000	3.711	0.1832	0.0960	18	-1.42	4%	0
004.06	Fiber, Crude, Fibertec (%)	0918	3.510	0.0200	3.711	0.1832	0.0960	18	-1.10	3%	0
004.06	Fiber, Crude, Fibertec (%)	0689	3.550	0.1000	3.711	0.1832	0.0960	18	-0.88	2%	0
004.06	Fiber, Crude, Fibertec (%)	0893	3.550	0.0000	3.711	0.1832	0.0960	18	-0.88	2%	0
004.06	Fiber, Crude, Fibertec (%)	0968	3.580	0.0200	3.711	0.1832	0.0960	18	-0.71	2%	0
004.06	Fiber, Crude, Fibertec (%)	0098	3.585	0.1300	3.711	0.1832	0.0960	18	-0.69	2%	0
004.06	Fiber, Crude, Fibertec (%)	0868	3.615	0.0300	3.711	0.1832	0.0960	18	-0.52	1%	0
004.06	Fiber, Crude, Fibertec (%)	0881	3.667	0.1610	3.711	0.1832	0.0960	18	-0.24	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	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Crude, Fibertec (%)	0674	3.700	0.0000	3.711	0.1832	0.0960	18	-0.06	0%	0
004.06	Fiber, Crude, Fibertec (%)	2022	3.700	0.0000	3.711	0.1832	0.0960	18	-0.06	0%	0
004.06	Fiber, Crude, Fibertec (%)	2062	3.752	0.0080	3.711	0.1832	0.0960	18	0.23	1%	0
004.06	Fiber, Crude, Fibertec (%)	2006	3.770	0.2800	3.711	0.1832	0.0960	18	0.32	1%	0
004.06	Fiber, Crude, Fibertec (%)	0897	3.790	0.0200	3.711	0.1832	0.0960	18	0.43	1%	0
004.06	Fiber, Crude, Fibertec (%)	0948	3.815	0.0100	3.711	0.1832	0.0960	18	0.57	1%	0
004.06	Fiber, Crude, Fibertec (%)	0027	3.883	0.1590	3.711	0.1832	0.0960	18	0.94	2%	0
004.06	Fiber, Crude, Fibertec (%)	2295	3.945	0.0100	3.711	0.1832	0.0960	18	1.28	3%	0
004.06	Fiber, Crude, Fibertec (%)	0878	3.950	0.2200	3.711	0.1832	0.0960	18	1.30	3%	0
004.06	Fiber, Crude, Fibertec (%)	0676	4.170	0.2600	3.711	0.1832	0.0960	18	2.51	6%	0
004.07	Fiber, Crude, ANKOM (%)	0682	2.200	0.0000	3.695	0.4272	0.1315	66	-3.50	20%	0
004.07	Fiber, Crude, ANKOM (%)	0510	2.450	0.1000	3.695	0.4272	0.1315	66	-2.92	17%	0
004.07	Fiber, Crude, ANKOM (%)	0265	2.595	0.0700	3.695	0.4272	0.1315	66	-2.58	15%	0
004.07	Fiber, Crude, ANKOM (%)	2012	2.985	0.0700	3.695	0.4272	0.1315	66	-1.66	10%	0
004.07	Fiber, Crude, ANKOM (%)	0656	3.030	0.0000	3.695	0.4272	0.1315	66	-1.56	9%	0
004.07	Fiber, Crude, ANKOM (%)	0354	3.075	0.0300	3.695	0.4272	0.1315	66	-1.45	8%	0
004.07	Fiber, Crude, ANKOM (%)	2188	3.110	0.0800	3.695	0.4272	0.1315	66	-1.37	8%	0
004.07	Fiber, Crude, ANKOM (%)	0013	3.215	0.1700	3.695	0.4272	0.1315	66	-1.12	7%	0
004.07	Fiber, Crude, ANKOM (%)	0870	3.283	0.1697	3.695	0.4272	0.1315	66	-0.97	6%	0
004.07	Fiber, Crude, ANKOM (%)	0589	3.305	0.0700	3.695	0.4272	0.1315	66	-0.91	5%	0
004.07	Fiber, Crude, ANKOM (%)	0505	3.355	0.0900	3.695	0.4272	0.1315	66	-0.80	5%	0
004.07	Fiber, Crude, ANKOM (%)	0644	3.362	0.0300	3.695	0.4272	0.1315	66	-0.78	5%	0
004.07	Fiber, Crude, ANKOM (%)	2181	3.380	0.0800	3.695	0.4272	0.1315	66	-0.74	4%	0
004.07	Fiber, Crude, ANKOM (%)	2109	3.390	0.0200	3.695	0.4272	0.1315	66	-0.72	4%	0
004.07	Fiber, Crude, ANKOM (%)	0098	3.395	0.3100	3.695	0.4272	0.1315	66	-0.70	4%	0
004.07	Fiber, Crude, ANKOM (%)	0956	3.400	0.2000	3.695	0.4272	0.1315	66	-0.69	4%	0
004.07	Fiber, Crude, ANKOM (%)	2144	3.415	0.0300	3.695	0.4272	0.1315	66	-0.66	4%	0
004.07	Fiber, Crude, ANKOM (%)	2053	3.430	0.1400	3.695	0.4272	0.1315	66	-0.62	4%	0
004.07	Fiber, Crude, ANKOM (%)	0190	3.450	0.1000	3.695	0.4272	0.1315	66	-0.57	3%	0
004.07	Fiber, Crude, ANKOM (%)	0619	3.465	0.4100	3.695	0.4272	0.1315	66	-0.54	3%	0
004.07	Fiber, Crude, ANKOM (%)	2304	3.470	0.0600	3.695	0.4272	0.1315	66	-0.53	3%	0
004.07	Fiber, Crude, ANKOM (%)	0004	3.490	0.2400	3.695	0.4272	0.1315	66	-0.48	3%	0
004.07	Fiber, Crude, ANKOM (%)	0298	3.500	0.2000	3.695	0.4272	0.1315	66	-0.46	3%	0
004.07	Fiber, Crude, ANKOM (%)	0009	3.540	0.1000	3.695	0.4272	0.1315	66	-0.36	2%	0
004.07	Fiber, Crude, ANKOM (%)	0708	3.550	0.0200	3.695	0.4272	0.1315	66	-0.34	2%	0
004.07	Fiber, Crude, ANKOM (%)	2259	3.563	0.0600	3.695	0.4272	0.1315	66	-0.31	2%	0
004.07	Fiber, Crude, ANKOM (%)	0726	3.570	0.0000	3.695	0.4272	0.1315	66	-0.29	2%	0
004.07	Fiber, Crude, ANKOM (%)	0083	3.575	0.1500	3.695	0.4272	0.1315	66	-0.28	2%	0
004.07	Fiber, Crude, ANKOM (%)	0034	3.590	0.2800	3.695	0.4272	0.1315	66	-0.25	1%	0
004.07	Fiber, Crude, ANKOM (%)	0848	3.620	0.0200	3.695	0.4272	0.1315	66	-0.18	1%	0
004.07	Fiber, Crude, ANKOM (%)	0910	3.650	0.3000	3.695	0.4272	0.1315	66	-0.11	1%	0
004.07	Fiber, Crude, ANKOM (%)	0074	3.660	0.1000	3.695	0.4272	0.1315	66	-0.08	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	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0536	3.665	0.0900	3.695	0.4272	0.1315	66	-0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0100	3.695	0.2900	3.695	0.4272	0.1315	66	0.00	0%	0
004.07	Fiber, Crude, ANKOM (%)	0263	3.715	0.0400	3.695	0.4272	0.1315	66	0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0675	3.720	0.1600	3.695	0.4272	0.1315	66	0.06	0%	0
004.07	Fiber, Crude, ANKOM (%)	0529	3.735	0.0700	3.695	0.4272	0.1315	66	0.09	1%	0
004.07	Fiber, Crude, ANKOM (%)	0968	3.745	0.0700	3.695	0.4272	0.1315	66	0.12	1%	0
004.07	Fiber, Crude, ANKOM (%)	0407	3.750	0.3678	3.695	0.4272	0.1315	66	0.13	1%	0
004.07	Fiber, Crude, ANKOM (%)	2196	3.790	0.0000	3.695	0.4272	0.1315	66	0.22	1%	0
004.07	Fiber, Crude, ANKOM (%)	0032	3.805	0.2300	3.695	0.4272	0.1315	66	0.26	1%	0
004.07	Fiber, Crude, ANKOM (%)	0948	3.810	0.1000	3.695	0.4272	0.1315	66	0.27	2%	0
004.07	Fiber, Crude, ANKOM (%)	2009	3.819	0.0681	3.695	0.4272	0.1315	66	0.29	2%	0
004.07	Fiber, Crude, ANKOM (%)	0520	3.850	0.1000	3.695	0.4272	0.1315	66	0.36	2%	0
004.07	Fiber, Crude, ANKOM (%)	0144	3.860	0.0600	3.695	0.4272	0.1315	66	0.39	2%	0
004.07	Fiber, Crude, ANKOM (%)	0693	3.876	0.0770	3.695	0.4272	0.1315	66	0.42	2%	0
004.07	Fiber, Crude, ANKOM (%)	0294	3.900	0.0000	3.695	0.4272	0.1315	66	0.48	3%	0
004.07	Fiber, Crude, ANKOM (%)	0692	3.900	0.0000	3.695	0.4272	0.1315	66	0.48	3%	0
004.07	Fiber, Crude, ANKOM (%)	0019	3.965	0.0500	3.695	0.4272	0.1315	66	0.63	4%	0
004.07	Fiber, Crude, ANKOM (%)	0563	3.975	0.0457	3.695	0.4272	0.1315	66	0.66	4%	0
004.07	Fiber, Crude, ANKOM (%)	0123	4.000	0.0600	3.695	0.4272	0.1315	66	0.71	4%	0
004.07	Fiber, Crude, ANKOM (%)	0553	4.000	0.1600	3.695	0.4272	0.1315	66	0.71	4%	0
004.07	Fiber, Crude, ANKOM (%)	0876	4.000	0.2000	3.695	0.4272	0.1315	66	0.71	4%	0
004.07	Fiber, Crude, ANKOM (%)	2302	4.010	0.1400	3.695	0.4272	0.1315	66	0.74	4%	0
004.07	Fiber, Crude, ANKOM (%)	0643	4.065	0.1100	3.695	0.4272	0.1315	66	0.86	5%	0
004.07	Fiber, Crude, ANKOM (%)	0066	4.190	0.5000	3.695	0.4272	0.1315	66	1.16	7%	0
004.07	Fiber, Crude, ANKOM (%)	0581	4.200	0.2000	3.695	0.4272	0.1315	66	1.18	7%	0
004.07	Fiber, Crude, ANKOM (%)	0598	4.250	0.2200	3.695	0.4272	0.1315	66	1.30	8%	0
004.07	Fiber, Crude, ANKOM (%)	0045	4.260	0.0200	3.695	0.4272	0.1315	66	1.32	8%	0
004.07	Fiber, Crude, ANKOM (%)	0683	4.290	0.0400	3.695	0.4272	0.1315	66	1.39	8%	0
004.07	Fiber, Crude, ANKOM (%)	0626	4.300	0.3200	3.695	0.4272	0.1315	66	1.41	8%	0
004.07	Fiber, Crude, ANKOM (%)	0202	4.350	0.1200	3.695	0.4272	0.1315	66	1.53	9%	0
004.07	Fiber, Crude, ANKOM (%)	0939	4.390	0.3600	3.695	0.4272	0.1315	66	1.63	9%	0
004.07	Fiber, Crude, ANKOM (%)	0278	6.550	0.1000	3.695	0.4272	0.1315	66	6.68	39%	0
004.07	Fiber, Crude, ANKOM (%)	0089	6.570	0.0000	3.695	0.4272	0.1315	66	6.73	39%	0
004.07	Fiber, Crude, ANKOM (%)	0242	7.405	0.6100	3.695	0.4272	0.1315	66	8.68	50%	0
004.07	Fiber, Crude, ANKOM (%)	0590	3.290	0.7800	3.695	0.4272	0.1315	66	-0.95	5%	1
004.07	Fiber, Crude, ANKOM (%)	0028	3.350	0.9000	3.695	0.4272	0.1315	66	-0.81	5%	1
004.11	Fiber, Crude, NIR (%)	0889	3.370	0.1100	3.979	0.5405	0.1300	6	-1.13	8%	0
004.11	Fiber, Crude, NIR (%)	0148	3.700	0.2000	3.979	0.5405	0.1300	6	-0.52	4%	0
004.11	Fiber, Crude, NIR (%)	0553	3.700	0.1000	3.979	0.5405	0.1300	6	-0.52	4%	0
004.11	Fiber, Crude, NIR (%)	2302	4.080	0.3000	3.979	0.5405	0.1300	6	0.19	1%	0
004.11	Fiber, Crude, NIR (%)	0011	4.390	0.0000	3.979	0.5405	0.1300	6	0.76	5%	0
004.11	Fiber, Crude, NIR (%)	0852	4.635	0.0700	3.979	0.5405	0.1300	6	1.21	8%	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	R-bar	# Labs			
004.99	Fiber, Crude, Miscellaneous (%)	2129	4.225	0.0521				1			0
005.00	Ash, 2h @ 600°C (%)	0853	7.450	0.3000	8.760	0.5529	0.0912	71	-2.37	7%	0
005.00	Ash, 2h @ 600°C (%)	2184	7.685	0.3100	8.760	0.5529	0.0912	71	-1.94	6%	0
005.00	Ash, 2h @ 600°C (%)	0144	7.860	0.0000	8.760	0.5529	0.0912	71	-1.63	5%	0
005.00	Ash, 2h @ 600°C (%)	2268	7.895	0.0100	8.760	0.5529	0.0912	71	-1.56	5%	0
005.00	Ash, 2h @ 600°C (%)	0169	7.915	0.0100	8.760	0.5529	0.0912	71	-1.53	5%	0
005.00	Ash, 2h @ 600°C (%)	0539	7.945	0.0100	8.760	0.5529	0.0912	71	-1.47	5%	0
005.00	Ash, 2h @ 600°C (%)	0278	7.950	0.0800	8.760	0.5529	0.0912	71	-1.46	5%	0
005.00	Ash, 2h @ 600°C (%)	0357	8.000	0.0000	8.760	0.5529	0.0912	71	-1.37	4%	0
005.00	Ash, 2h @ 600°C (%)	0425	8.030	0.0000	8.760	0.5529	0.0912	71	-1.32	4%	0
005.00	Ash, 2h @ 600°C (%)	0541	8.065	0.2500	8.760	0.5529	0.0912	71	-1.26	4%	0
005.00	Ash, 2h @ 600°C (%)	0918	8.160	0.0400	8.760	0.5529	0.0912	71	-1.08	3%	0
005.00	Ash, 2h @ 600°C (%)	0042	8.175	0.0300	8.760	0.5529	0.0912	71	-1.06	3%	0
005.00	Ash, 2h @ 600°C (%)	0062	8.179	0.2260	8.760	0.5529	0.0912	71	-1.05	3%	0
005.00	Ash, 2h @ 600°C (%)	0019	8.200	0.4000	8.760	0.5529	0.0912	71	-1.01	3%	0
005.00	Ash, 2h @ 600°C (%)	0229	8.215	0.4300	8.760	0.5529	0.0912	71	-0.99	3%	0
005.00	Ash, 2h @ 600°C (%)	0598	8.240	0.0800	8.760	0.5529	0.0912	71	-0.94	3%	0
005.00	Ash, 2h @ 600°C (%)	0953	8.240	0.0000	8.760	0.5529	0.0912	71	-0.94	3%	0
005.00	Ash, 2h @ 600°C (%)	0574	8.255	0.0500	8.760	0.5529	0.0912	71	-0.91	3%	0
005.00	Ash, 2h @ 600°C (%)	2302	8.265	0.0300	8.760	0.5529	0.0912	71	-0.89	3%	0
005.00	Ash, 2h @ 600°C (%)	2073	8.340	0.1000	8.760	0.5529	0.0912	71	-0.76	2%	0
005.00	Ash, 2h @ 600°C (%)	0164	8.360	0.0800	8.760	0.5529	0.0912	71	-0.72	2%	0
005.00	Ash, 2h @ 600°C (%)	0175	8.365	0.0900	8.760	0.5529	0.0912	71	-0.71	2%	0
005.00	Ash, 2h @ 600°C (%)	0956	8.450	0.1000	8.760	0.5529	0.0912	71	-0.56	2%	0
005.00	Ash, 2h @ 600°C (%)	2022	8.590	0.0200	8.760	0.5529	0.0912	71	-0.31	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	8.620	0.0000	8.760	0.5529	0.0912	71	-0.25	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	8.625	0.4100	8.760	0.5529	0.0912	71	-0.24	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	8.660	0.0000	8.760	0.5529	0.0912	71	-0.18	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	8.684	0.0110	8.760	0.5529	0.0912	71	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	8.755	0.0700	8.760	0.5529	0.0912	71	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	8.760	0.0200	8.760	0.5529	0.0912	71	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	8.768	0.0482	8.760	0.5529	0.0912	71	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	8.845	0.0100	8.760	0.5529	0.0912	71	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0563	8.849	0.0321	8.760	0.5529	0.0912	71	0.16	1%	0
005.00	Ash, 2h @ 600°C (%)	0656	8.880	0.0000	8.760	0.5529	0.0912	71	0.22	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	8.885	0.0100	8.760	0.5529	0.0912	71	0.23	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	8.915	0.1500	8.760	0.5529	0.0912	71	0.28	1%	0
005.00	Ash, 2h @ 600°C (%)	0123	8.915	0.1500	8.760	0.5529	0.0912	71	0.28	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	8.955	0.0100	8.760	0.5529	0.0912	71	0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	8.970	0.0200	8.760	0.5529	0.0912	71	0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	2196	8.980	0.0000	8.760	0.5529	0.0912	71	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	9.000	0.2400	8.760	0.5529	0.0912	71	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	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0298	9.000	0.0200	8.760	0.5529	0.0912	71	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	9.010	0.1400	8.760	0.5529	0.0912	71	0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	9.011	0.2670	8.760	0.5529	0.0912	71	0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	9.036	0.0680	8.760	0.5529	0.0912	71	0.50	2%	0
005.00	Ash, 2h @ 600°C (%)	0265	9.050	0.1000	8.760	0.5529	0.0912	71	0.53	2%	0
005.00	Ash, 2h @ 600°C (%)	0881	9.064	0.1600	8.760	0.5529	0.0912	71	0.55	2%	0
005.00	Ash, 2h @ 600°C (%)	2006	9.095	0.0100	8.760	0.5529	0.0912	71	0.61	2%	0
005.00	Ash, 2h @ 600°C (%)	0407	9.099	0.3072	8.760	0.5529	0.0912	71	0.61	2%	0
005.00	Ash, 2h @ 600°C (%)	0353	9.115	0.0700	8.760	0.5529	0.0912	71	0.64	2%	0
005.00	Ash, 2h @ 600°C (%)	0242	9.130	0.0400	8.760	0.5529	0.0912	71	0.67	2%	0
005.00	Ash, 2h @ 600°C (%)	2076	9.133	0.0005	8.760	0.5529	0.0912	71	0.68	2%	0
005.00	Ash, 2h @ 600°C (%)	0100	9.140	0.2200	8.760	0.5529	0.0912	71	0.69	2%	0
005.00	Ash, 2h @ 600°C (%)	2188	9.145	0.0100	8.760	0.5529	0.0912	71	0.70	2%	0
005.00	Ash, 2h @ 600°C (%)	0297	9.150	0.1000	8.760	0.5529	0.0912	71	0.71	2%	0
005.00	Ash, 2h @ 600°C (%)	0148	9.160	0.1400	8.760	0.5529	0.0912	71	0.72	2%	0
005.00	Ash, 2h @ 600°C (%)	2181	9.195	0.0500	8.760	0.5529	0.0912	71	0.79	2%	0
005.00	Ash, 2h @ 600°C (%)	2259	9.203	0.0200	8.760	0.5529	0.0912	71	0.80	3%	0
005.00	Ash, 2h @ 600°C (%)	0675	9.215	0.0500	8.760	0.5529	0.0912	71	0.82	3%	0
005.00	Ash, 2h @ 600°C (%)	0948	9.225	0.0100	8.760	0.5529	0.0912	71	0.84	3%	0
005.00	Ash, 2h @ 600°C (%)	0171	9.230	0.0400	8.760	0.5529	0.0912	71	0.85	3%	0
005.00	Ash, 2h @ 600°C (%)	0643	9.230	0.1400	8.760	0.5529	0.0912	71	0.85	3%	0
005.00	Ash, 2h @ 600°C (%)	0674	9.240	0.0000	8.760	0.5529	0.0912	71	0.87	3%	0
005.00	Ash, 2h @ 600°C (%)	0309	9.267	0.0280	8.760	0.5529	0.0912	71	0.92	3%	0
005.00	Ash, 2h @ 600°C (%)	0581	9.350	0.1000	8.760	0.5529	0.0912	71	1.07	3%	0
005.00	Ash, 2h @ 600°C (%)	0045	9.365	0.1700	8.760	0.5529	0.0912	71	1.09	3%	0
005.00	Ash, 2h @ 600°C (%)	0226	9.405	0.2100	8.760	0.5529	0.0912	71	1.17	4%	0
005.00	Ash, 2h @ 600°C (%)	0520	9.415	0.0100	8.760	0.5529	0.0912	71	1.19	4%	0
005.00	Ash, 2h @ 600°C (%)	0345	9.460	0.0800	8.760	0.5529	0.0912	71	1.27	4%	0
005.00	Ash, 2h @ 600°C (%)	2171	9.465	0.0700	8.760	0.5529	0.0912	71	1.28	4%	0
005.00	Ash, 2h @ 600°C (%)	0852	9.670	0.0200	8.760	0.5529	0.0912	71	1.65	5%	0
005.00	Ash, 2h @ 600°C (%)	0553	8.520	1.000	8.760	0.5529	0.0912	71	-0.43	1%	1
005.02	Ash, LECO (%)	0968	9.070	0.0200				2			0
005.02	Ash, LECO (%)	0644	9.294	0.0240				2			0
005.05	Ash, 3h @ 550°C (%)	0726	8.425	0.1100	9.204	0.2327	0.0589	24	-3.35	4%	0
005.05	Ash, 3h @ 550°C (%)	0263	8.599	0.0170	9.204	0.2327	0.0589	24	-2.60	3%	0
005.05	Ash, 3h @ 550°C (%)	0893	8.750	0.0000	9.204	0.2327	0.0589	24	-1.95	2%	0
005.05	Ash, 3h @ 550°C (%)	0619	8.880	0.0400	9.204	0.2327	0.0589	24	-1.39	2%	0
005.05	Ash, 3h @ 550°C (%)	2109	9.070	0.0000	9.204	0.2327	0.0589	24	-0.58	1%	0
005.05	Ash, 3h @ 550°C (%)	0897	9.090	0.0200	9.204	0.2327	0.0589	24	-0.49	1%	0
005.05	Ash, 3h @ 550°C (%)	0683	9.100	0.1200	9.204	0.2327	0.0589	24	-0.45	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	9.110	0.1000	9.204	0.2327	0.0589	24	-0.41	1%	0
005.05	Ash, 3h @ 550°C (%)	2012	9.145	0.0300	9.204	0.2327	0.0589	24	-0.26	0%	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	R-bar	# Labs			
005.05	Ash, 3h @ 550°C (%)	0689	9.150	0.0200	9.204	0.2327	0.0589	24	-0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	0034	9.164	0.1420	9.204	0.2327	0.0589	24	-0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	0692	9.200	0.0000	9.204	0.2327	0.0589	24	-0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	9.220	0.0972	9.204	0.2327	0.0589	24	0.07	0%	0
005.05	Ash, 3h @ 550°C (%)	2295	9.235	0.0100	9.204	0.2327	0.0589	24	0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	2291	9.290	0.3400	9.204	0.2327	0.0589	24	0.37	0%	0
005.05	Ash, 3h @ 550°C (%)	0868	9.305	0.0300	9.204	0.2327	0.0589	24	0.43	1%	0
005.05	Ash, 3h @ 550°C (%)	2062	9.334	0.0361	9.204	0.2327	0.0589	24	0.56	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	9.360	0.0800	9.204	0.2327	0.0589	24	0.67	1%	0
005.05	Ash, 3h @ 550°C (%)	0878	9.365	0.0300	9.204	0.2327	0.0589	24	0.69	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	9.400	0.0000	9.204	0.2327	0.0589	24	0.84	1%	0
005.05	Ash, 3h @ 550°C (%)	0590	9.415	0.1100	9.204	0.2327	0.0589	24	0.91	1%	0
005.05	Ash, 3h @ 550°C (%)	2009	9.452	0.0080	9.204	0.2327	0.0589	24	1.06	1%	0
005.05	Ash, 3h @ 550°C (%)	2246	9.500	0.0200	9.204	0.2327	0.0589	24	1.27	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	9.634	0.0526	9.204	0.2327	0.0589	24	1.85	2%	0
005.05	Ash, 3h @ 550°C (%)	2192	9.080	0.3800	9.204	0.2327	0.0589	24	-0.53	1%	1
005.11	Ash, NIR (%)	0148	6.100	0.0000	8.438	2.039	0.0900	4			0
005.11	Ash, NIR (%)	0852	7.925	0.0500	8.438	2.039	0.0900	4			0
005.11	Ash, NIR (%)	0297	8.705	0.2100	8.438	2.039	0.0900	4			0
005.11	Ash, NIR (%)	0889	11.02	0.1000	8.438	2.039	0.0900	4			0
005.99	Ash, Miscellaneous (%)	2081	7.040	0.0800	9.021	0.5034	0.0472	8	-3.93	11%	0
005.99	Ash, Miscellaneous (%)	0662	8.549	0.0372	9.021	0.5034	0.0472	8	-0.94	3%	0
005.99	Ash, Miscellaneous (%)	0536	8.820	0.0200	9.021	0.5034	0.0472	8	-0.40	1%	0
005.99	Ash, Miscellaneous (%)	0546	8.985	0.0100	9.021	0.5034	0.0472	8	-0.07	0%	0
005.99	Ash, Miscellaneous (%)	0676	9.325	0.0300	9.021	0.5034	0.0472	8	0.60	2%	0
005.99	Ash, Miscellaneous (%)	0202	9.350	0.0200	9.021	0.5034	0.0472	8	0.65	2%	0
005.99	Ash, Miscellaneous (%)	0728	9.420	0.0800	9.021	0.5034	0.0472	8	0.79	2%	0
005.99	Ash, Miscellaneous (%)	0652	9.450	0.1000	9.021	0.5034	0.0472	8	0.85	2%	0
005.99	Ash, Miscellaneous (%)	0910	9.350	0.3000	9.021	0.5034	0.0472	8	0.65	2%	1
006.00	Total Sugars, As sucrose (%)	0407	3.554	0.0430				2			0
006.00	Total Sugars, As sucrose (%)	0910	3.640	0.0200				2			0
006.03	Total Sugars, Invert w/o Invrns (%)	0941	3.820	0.0800				1			0
006.99	Total Sugars, Miscellaneous (%)	2216	3.490	1.040				2			0
006.99	Total Sugars, Miscellaneous (%)	0956	3.900	0.2000				2			0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	4.615	0.1900	5.006	0.3654	0.1419	11	-1.07	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	4.655	0.1500	5.006	0.3654	0.1419	11	-0.96	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	4.725	0.2500	5.006	0.3654	0.1419	11	-0.77	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	4.845	0.1100	5.006	0.3654	0.1419	11	-0.44	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	4.850	0.1000	5.006	0.3654	0.1419	11	-0.43	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	4.862	0.0010	5.006	0.3654	0.1419	11	-0.39	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0728	5.040	0.2400	5.006	0.3654	0.1419	11	0.09	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	5.150	0.1000	5.006	0.3654	0.1419	11	0.39	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
008.02	Fiber, Acid Detergent, Crucible (%)	0148	5.350	0.2000	5.006	0.3654	0.1419	11	0.94	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	5.420	0.1200	5.006	0.3654	0.1419	11	1.13	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	5.931	0.1000	5.006	0.3654	0.1419	11	2.53	9%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	6.225	0.3900				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	4.250	0.5000	5.041	0.3889	0.2097	39	-2.03	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2012	4.265	0.0700	5.041	0.3889	0.2097	39	-1.99	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	4.460	0.3800	5.041	0.3889	0.2097	39	-1.49	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0590	4.590	0.4000	5.041	0.3889	0.2097	39	-1.16	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	4.625	0.0300	5.041	0.3889	0.2097	39	-1.07	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0013	4.630	0.8400	5.041	0.3889	0.2097	39	-1.06	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	4.705	0.1500	5.041	0.3889	0.2097	39	-0.86	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	4.735	0.1700	5.041	0.3889	0.2097	39	-0.79	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	4.740	0.2000	5.041	0.3889	0.2097	39	-0.77	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	4.750	0.1000	5.041	0.3889	0.2097	39	-0.75	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	4.770	0.2400	5.041	0.3889	0.2097	39	-0.70	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	4.840	0.2400	5.041	0.3889	0.2097	39	-0.52	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	4.850	0.1000	5.041	0.3889	0.2097	39	-0.49	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	4.865	0.0500	5.041	0.3889	0.2097	39	-0.45	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	4.875	0.1900	5.041	0.3889	0.2097	39	-0.43	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	4.890	0.0800	5.041	0.3889	0.2097	39	-0.39	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	4.900	0.4000	5.041	0.3889	0.2097	39	-0.36	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	4.925	0.2900	5.041	0.3889	0.2097	39	-0.30	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	5.025	0.0900	5.041	0.3889	0.2097	39	-0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	5.060	0.4600	5.041	0.3889	0.2097	39	0.05	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	5.090	0.0000	5.041	0.3889	0.2097	39	0.13	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	5.150	0.7000	5.041	0.3889	0.2097	39	0.28	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	5.160	0.1800	5.041	0.3889	0.2097	39	0.31	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	5.160	0.0600	5.041	0.3889	0.2097	39	0.31	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	5.200	0.2000	5.041	0.3889	0.2097	39	0.41	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	5.210	0.3800	5.041	0.3889	0.2097	39	0.44	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	5.215	0.1500	5.041	0.3889	0.2097	39	0.45	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	5.220	0.0400	5.041	0.3889	0.2097	39	0.46	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	5.230	0.0200	5.041	0.3889	0.2097	39	0.49	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0878	5.300	0.3400	5.041	0.3889	0.2097	39	0.67	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	5.372	0.0240	5.041	0.3889	0.2097	39	0.85	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	5.378	0.1210	5.041	0.3889	0.2097	39	0.87	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	5.385	0.0900	5.041	0.3889	0.2097	39	0.89	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	5.420	0.0200	5.041	0.3889	0.2097	39	0.98	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	5.554	0.0985	5.041	0.3889	0.2097	39	1.32	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	5.566	0.3828	5.041	0.3889	0.2097	39	1.35	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	5.582	0.2000	5.041	0.3889	0.2097	39	1.39	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	5.680	0.0800	5.041	0.3889	0.2097	39	1.64	6%	0

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008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	6.031	0.1125	5.041	0.3889	0.2097	39	2.55	10%	0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0027	4.857	0.0090				1			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	2246	37.07	0.8100				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	10.80	0.0000	13.16	1.699	0.2389	9	-1.39	9%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	12.23	0.0600	13.16	1.699	0.2389	9	-0.55	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	12.30	0.2500	13.16	1.699	0.2389	9	-0.51	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	12.35	0.5000	13.16	1.699	0.2389	9	-0.48	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	12.95	0.3000	13.16	1.699	0.2389	9	-0.12	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	12.96	0.1900	13.16	1.699	0.2389	9	-0.12	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	14.66	0.0798	13.16	1.699	0.2389	9	0.88	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	14.70	0.4000	13.16	1.699	0.2389	9	0.91	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2246	15.49	0.3700	13.16	1.699	0.2389	9	1.37	9%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0964	11.47	3.081	13.16	1.699	0.2389	9	-1.00	6%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	11.05	0.0400	12.71	0.8315	0.3337	38	-2.00	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	11.06	1.481	12.71	0.8315	0.3337	38	-1.99	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	11.37	0.0300	12.71	0.8315	0.3337	38	-1.62	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	11.75	0.0180	12.71	0.8315	0.3337	38	-1.16	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	11.75	0.7000	12.71	0.8315	0.3337	38	-1.16	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	11.78	0.3100	12.71	0.8315	0.3337	38	-1.13	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	12.16	0.0700	12.71	0.8315	0.3337	38	-0.67	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	12.23	0.2234	12.71	0.8315	0.3337	38	-0.58	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	12.25	0.0600	12.71	0.8315	0.3337	38	-0.56	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0878	12.26	0.0600	12.71	0.8315	0.3337	38	-0.54	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2302	12.30	0.6800	12.71	0.8315	0.3337	38	-0.50	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	12.32	0.0500	12.71	0.8315	0.3337	38	-0.48	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	12.33	0.1940	12.71	0.8315	0.3337	38	-0.46	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2012	12.38	0.5500	12.71	0.8315	0.3337	38	-0.41	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	12.40	0.2000	12.71	0.8315	0.3337	38	-0.38	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	12.42	0.2075	12.71	0.8315	0.3337	38	-0.35	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	12.44	0.2100	12.71	0.8315	0.3337	38	-0.33	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	12.45	0.1000	12.71	0.8315	0.3337	38	-0.31	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	12.45	0.5000	12.71	0.8315	0.3337	38	-0.31	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	12.58	0.1300	12.71	0.8315	0.3337	38	-0.16	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	12.73	0.6740	12.71	0.8315	0.3337	38	0.02	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	12.78	0.0000	12.71	0.8315	0.3337	38	0.08	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	12.86	0.1400	12.71	0.8315	0.3337	38	0.18	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	12.90	0.6000	12.71	0.8315	0.3337	38	0.23	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	12.91	0.2100	12.71	0.8315	0.3337	38	0.23	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	13.12	0.3300	12.71	0.8315	0.3337	38	0.48	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	13.15	0.5400	12.71	0.8315	0.3337	38	0.53	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	13.25	0.1000	12.71	0.8315	0.3337	38	0.65	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	13.38	0.0100	12.71	0.8315	0.3337	38	0.80	3%	0

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009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	13.42	0.0800	12.71	0.8315	0.3337	38	0.85	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	13.45	0.9000	12.71	0.8315	0.3337	38	0.89	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0881	13.45	0.1440	12.71	0.8315	0.3337	38	0.89	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	13.62	0.0000	12.71	0.8315	0.3337	38	1.09	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0590	13.75	1.790	12.71	0.8315	0.3337	38	1.24	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	13.81	0.1900	12.71	0.8315	0.3337	38	1.31	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	14.17	0.6000	12.71	0.8315	0.3337	38	1.75	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	16.61	0.5400	12.71	0.8315	0.3337	38	4.69	15%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	16.80	0.0200	12.71	0.8315	0.3337	38	4.92	16%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	13.45	1.900	12.71	0.8315	0.3337	38	0.89	3%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	12.57	0.2500				2			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	13.81	0.0000				2			0
010.03	Moisture, Karl-Fischer (%)	0164	9.985	0.0500				2			0
010.03	Moisture, Karl-Fischer (%)	0843	10.21	1.530				2			0
010.11	Moisture, NIR (%)	0889	9.335	0.0300				3			0
010.11	Moisture, NIR (%)	0148	10.21	0.0900				3			0
010.11	Moisture, NIR (%)	0852	10.89	0.0100				3			0
010.11	Moisture, NIR (%)	2302	10.48	0.4400				3			1
010.99	Moisture, Miscellaneous (%)	0692	8.900	0.2000	9.424	0.3578	0.0749	14	-1.46	3%	0
010.99	Moisture, Miscellaneous (%)	0546	8.960	0.0200	9.424	0.3578	0.0749	14	-1.30	2%	0
010.99	Moisture, Miscellaneous (%)	0726	9.090	0.1800	9.424	0.3578	0.0749	14	-0.93	2%	0
010.99	Moisture, Miscellaneous (%)	0948	9.165	0.0500	9.424	0.3578	0.0749	14	-0.72	1%	0
010.99	Moisture, Miscellaneous (%)	0939	9.240	0.1000	9.424	0.3578	0.0749	14	-0.51	1%	0
010.99	Moisture, Miscellaneous (%)	2129	9.350	0.0385	9.424	0.3578	0.0749	14	-0.21	0%	0
010.99	Moisture, Miscellaneous (%)	2043	9.450	0.0800	9.424	0.3578	0.0749	14	0.07	0%	0
010.99	Moisture, Miscellaneous (%)	2076	9.555	0.0700	9.424	0.3578	0.0749	14	0.37	1%	0
010.99	Moisture, Miscellaneous (%)	0921	9.580	0.1200	9.424	0.3578	0.0749	14	0.44	1%	0
010.99	Moisture, Miscellaneous (%)	0652	9.600	0.0000	9.424	0.3578	0.0749	14	0.49	1%	0
010.99	Moisture, Miscellaneous (%)	2178	9.625	0.0100	9.424	0.3578	0.0749	14	0.56	1%	0
010.99	Moisture, Miscellaneous (%)	0914	9.720	0.1400	9.424	0.3578	0.0749	14	0.83	2%	0
010.99	Moisture, Miscellaneous (%)	2150	9.745	0.0300	9.424	0.3578	0.0749	14	0.90	2%	0
010.99	Moisture, Miscellaneous (%)	0190	9.955	0.0100	9.424	0.3578	0.0749	14	1.48	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	8.850	0.1000	10.46	0.5059	0.1181	58	-3.18	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	9.525	0.0900	10.46	0.5059	0.1181	58	-1.84	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0425	9.570	0.0000	10.46	0.5059	0.1181	58	-1.75	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	9.650	0.1000	10.46	0.5059	0.1181	58	-1.60	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	9.710	0.0200	10.46	0.5059	0.1181	58	-1.48	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	9.905	0.0500	10.46	0.5059	0.1181	58	-1.09	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	9.960	0.0390	10.46	0.5059	0.1181	58	-0.98	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	9.969	0.0800	10.46	0.5059	0.1181	58	-0.97	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	10.00	0.0000	10.46	0.5059	0.1181	58	-0.90	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	10.02	0.0100	10.46	0.5059	0.1181	58	-0.87	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	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, 135°C 2hr (%)	0354	10.02	0.0400	10.46	0.5059	0.1181	58	-0.86	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	10.03	0.0100	10.46	0.5059	0.1181	58	-0.85	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	10.04	0.0200	10.46	0.5059	0.1181	58	-0.83	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	10.04	0.0000	10.46	0.5059	0.1181	58	-0.83	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2168	10.06	0.2500	10.46	0.5059	0.1181	58	-0.80	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2174	10.08	0.0300	10.46	0.5059	0.1181	58	-0.76	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	10.10	0.0044	10.46	0.5059	0.1181	58	-0.72	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	10.12	0.0400	10.46	0.5059	0.1181	58	-0.67	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	10.13	0.0300	10.46	0.5059	0.1181	58	-0.65	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	10.16	0.0800	10.46	0.5059	0.1181	58	-0.59	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	10.22	0.1200	10.46	0.5059	0.1181	58	-0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	10.24	0.0200	10.46	0.5059	0.1181	58	-0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	10.25	0.1200	10.46	0.5059	0.1181	58	-0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	10.31	0.0000	10.46	0.5059	0.1181	58	-0.29	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2196	10.33	0.0000	10.46	0.5059	0.1181	58	-0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	10.42	0.5600	10.46	0.5059	0.1181	58	-0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	10.43	0.0400	10.46	0.5059	0.1181	58	-0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	10.45	0.1000	10.46	0.5059	0.1181	58	-0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	10.46	0.0000	10.46	0.5059	0.1181	58	0.00	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	10.49	0.0500	10.46	0.5059	0.1181	58	0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2291	10.51	0.1300	10.46	0.5059	0.1181	58	0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	10.55	0.1600	10.46	0.5059	0.1181	58	0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	10.56	0.1500	10.46	0.5059	0.1181	58	0.19	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	10.57	0.2473	10.46	0.5059	0.1181	58	0.22	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2181	10.59	0.1200	10.46	0.5059	0.1181	58	0.26	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	10.60	0.0000	10.46	0.5059	0.1181	58	0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	10.62	0.1500	10.46	0.5059	0.1181	58	0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0013	10.63	0.7100	10.46	0.5059	0.1181	58	0.33	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	10.75	0.0900	10.46	0.5059	0.1181	58	0.57	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	10.75	0.0300	10.46	0.5059	0.1181	58	0.57	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	10.81	0.1800	10.46	0.5059	0.1181	58	0.70	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0618	10.81	0.0000	10.46	0.5059	0.1181	58	0.70	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2302	10.87	0.0700	10.46	0.5059	0.1181	58	0.81	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	10.87	0.1400	10.46	0.5059	0.1181	58	0.82	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	10.89	0.1200	10.46	0.5059	0.1181	58	0.85	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	10.89	0.0000	10.46	0.5059	0.1181	58	0.85	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	10.91	0.1100	10.46	0.5059	0.1181	58	0.88	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	10.93	0.0400	10.46	0.5059	0.1181	58	0.93	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	10.94	0.0600	10.46	0.5059	0.1181	58	0.95	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2268	10.95	0.0100	10.46	0.5059	0.1181	58	0.96	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	10.95	0.7000	10.46	0.5059	0.1181	58	0.97	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	10.98	0.0400	10.46	0.5059	0.1181	58	1.03	2%	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	R-bar	# Labs			
011.01	Loss on Drying, 135°C 2hr (%)	0589	11.05	0.0700	10.46	0.5059	0.1181	58	1.16	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	11.15	0.0400	10.46	0.5059	0.1181	58	1.37	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	11.16	0.6300	10.46	0.5059	0.1181	58	1.38	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	11.17	0.0900	10.46	0.5059	0.1181	58	1.40	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2184	11.23	0.1600	10.46	0.5059	0.1181	58	1.53	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	11.67	0.6000	10.46	0.5059	0.1181	58	2.40	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.52	0.8452	10.46	0.5059	0.1181	58	0.12	0%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	2066	9.755	0.0100				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	10.18	0.0800				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0529	10.67	0.1000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	2303	9.962	0.1140				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	10.05	0.1000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0852	10.56	0.0400				3			0
012.00	Starch, Polarimetric (Ewers) (%)	2181	40.33	0.2100	41.08	0.6534	0.3127	11	-1.15	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	40.45	0.7000	41.08	0.6534	0.3127	11	-0.96	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	40.58	0.0000	41.08	0.6534	0.3127	11	-0.76	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	40.63	0.4900	41.08	0.6534	0.3127	11	-0.69	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	40.74	0.0800	41.08	0.6534	0.3127	11	-0.51	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	41.05	0.5000	41.08	0.6534	0.3127	11	-0.04	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	41.40	0.2000	41.08	0.6534	0.3127	11	0.50	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	41.40	0.2000	41.08	0.6534	0.3127	11	0.50	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	41.41	0.2700	41.08	0.6534	0.3127	11	0.50	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	41.80	0.1400	41.08	0.6534	0.3127	11	1.11	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	42.06	0.6500	41.08	0.6534	0.3127	11	1.50	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	39.48	3.130	41.08	0.6534	0.3127	11	-2.45	2%	1
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	35.95	0.7000	38.21	1.988	0.7809	10	-1.14	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	36.20	2.412	38.21	1.988	0.7809	10	-1.02	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0910	36.80	0.0000	38.21	1.988	0.7809	10	-0.71	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	37.00	1.000	38.21	1.988	0.7809	10	-0.61	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	37.80	0.6600	38.21	1.988	0.7809	10	-0.21	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	38.01	0.7265	38.21	1.988	0.7809	10	-0.10	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	39.45	0.9000	38.21	1.988	0.7809	10	0.62	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	40.23	0.7700	38.21	1.988	0.7809	10	1.01	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	40.31	0.0400	38.21	1.988	0.7809	10	1.05	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	40.40	0.6000	38.21	1.988	0.7809	10	1.10	3%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0297	39.80	2.190				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	40.74	1.265				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0889	41.80	0.6200				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0098	36.45	1.900	39.70	2.610	0.6761	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	37.85	0.1000	39.70	2.610	0.6761	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	2129	40.18	0.1507	39.70	2.610	0.6761	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (0948	40.92	0.4300	39.70	2.610	0.6761	5			0

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012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (0278	43.10	0.8000	39.70	2.610	0.6761	5			0
012.11	Starch, NIR (%)	0889	36.19	0.1100	41.67	4.552	0.0825	4			0
012.11	Starch, NIR (%)	0852	39.93	0.1500	41.67	4.552	0.0825	4			0
012.11	Starch, NIR (%)	0297	44.06	0.0700	41.67	4.552	0.0825	4			0
012.11	Starch, NIR (%)	0590	46.50	0.0000	41.67	4.552	0.0825	4			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	40.21	0.0200				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	2.125	0.0100	3.379	0.6477	0.1492	16	-1.94	19%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	2.245	0.1100	3.379	0.6477	0.1492	16	-1.75	17%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2146	2.605	0.1500	3.379	0.6477	0.1492	16	-1.20	11%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	2.850	0.1000	3.379	0.6477	0.1492	16	-0.82	8%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0297	3.070	0.0000	3.379	0.6477	0.1492	16	-0.48	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	3.450	0.1000	3.379	0.6477	0.1492	16	0.11	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	3.490	0.3600	3.379	0.6477	0.1492	16	0.17	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	3.495	0.0011	3.379	0.6477	0.1492	16	0.18	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	3.530	0.5800	3.379	0.6477	0.1492	16	0.23	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	3.570	0.0600	3.379	0.6477	0.1492	16	0.29	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	3.580	0.0600	3.379	0.6477	0.1492	16	0.31	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	3.592	0.0158	3.379	0.6477	0.1492	16	0.33	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	3.595	0.2700	3.379	0.6477	0.1492	16	0.33	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2304	3.935	0.0300	3.379	0.6477	0.1492	16	0.86	8%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	4.235	0.1700	3.379	0.6477	0.1492	16	1.32	13%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	4.255	0.3700	3.379	0.6477	0.1492	16	1.35	13%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2259	3.538	0.0960	3.914	0.3116	0.0945	17	-1.21	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0853	3.550	0.1000	3.914	0.3116	0.0945	17	-1.17	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	3.595	0.2300	3.914	0.3116	0.0945	17	-1.02	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	3.610	0.0600	3.914	0.3116	0.0945	17	-0.98	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0914	3.660	0.0600	3.914	0.3116	0.0945	17	-0.82	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	3.688	0.1621	3.914	0.3116	0.0945	17	-0.72	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0354	3.840	0.0600	3.914	0.3116	0.0945	17	-0.24	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0074	3.850	0.2400	3.914	0.3116	0.0945	17	-0.21	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0921	3.940	0.0200	3.914	0.3116	0.0945	17	0.08	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	4.020	0.0600	3.914	0.3116	0.0945	17	0.34	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	4.030	0.1000	3.914	0.3116	0.0945	17	0.37	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	4.035	0.0700	3.914	0.3116	0.0945	17	0.39	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0675	4.115	0.0900	3.914	0.3116	0.0945	17	0.65	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0682	4.150	0.0000	3.914	0.3116	0.0945	17	0.76	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0676	4.195	0.0300	3.914	0.3116	0.0945	17	0.90	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	4.340	0.1000	3.914	0.3116	0.0945	17	1.37	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	4.575	0.1290	3.914	0.3116	0.0945	17	2.12	8%	0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	1.166	0.0078				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	2.976	0.2207				3			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	3.290	0.1200				3			0

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013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	3.550	0.0000				3			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0683	2.905	0.0900	3.584	0.5652	0.1940	9	-1.20	9%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0939	2.935	0.3500	3.584	0.5652	0.1940	9	-1.15	9%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0968	3.225	0.0300	3.584	0.5652	0.1940	9	-0.64	5%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0904	3.595	0.3300	3.584	0.5652	0.1940	9	0.02	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0876	3.600	0.0000	3.584	0.5652	0.1940	9	0.03	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	3.745	0.2500	3.584	0.5652	0.1940	9	0.28	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	3.790	0.4200	3.584	0.5652	0.1940	9	0.36	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	4.040	0.1600	3.584	0.5652	0.1940	9	0.81	6%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	4.421	0.1160	3.584	0.5652	0.1940	9	1.48	12%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	85.00	2.000	96.46	9.964	1.046	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	93.83	2.184	96.46	9.964	1.046	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	98.00	0.0000	96.46	9.964	1.046	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	109.0	0.0000	96.46	9.964	1.046	4			0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	56.55	3.100				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	105.3	1.200				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	91.50	1.000	98.90	6.255	2.267	8	-1.18	4%	0
015.43	Aluminum, ICP, Microwave (ppm)	0297	95.50	1.000	98.90	6.255	2.267	8	-0.54	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	96.50	3.000	98.90	6.255	2.267	8	-0.38	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0918	96.67	2.005	98.90	6.255	2.267	8	-0.36	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0425	96.80	5.600	98.90	6.255	2.267	8	-0.34	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	100.7	4.630	98.90	6.255	2.267	8	0.29	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	2033	105.3	0.5000	98.90	6.255	2.267	8	1.02	3%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	116.0	0.4047	98.90	6.255	2.267	8	2.73	9%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	103.5	21.00	98.90	6.255	2.267	8	0.74	2%	1
015.52	Aluminum, ICP-MS, Open vessel (ppm)	0560	77.40	17.60				1			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	105.3	13.40				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0939	122.0	12.00				2			0
017.41	Boron, ICP, Dry ash (ppm)	0358	6.745	0.1500	7.714	0.9276	0.1674	4			0
017.41	Boron, ICP, Dry ash (ppm)	0229	7.295	0.1700	7.714	0.9276	0.1674	4			0
017.41	Boron, ICP, Dry ash (ppm)	0407	7.905	0.2697	7.714	0.9276	0.1674	4			0
017.41	Boron, ICP, Dry ash (ppm)	0226	8.910	0.0800	7.714	0.9276	0.1674	4			0
017.42	Boron, ICP, Open vessel (ppm)	0693	6.925	0.2600	8.145	1.071	0.5387	6	-1.14	7%	0
017.42	Boron, ICP, Open vessel (ppm)	0037	7.500	0.4000	8.145	1.071	0.5387	6	-0.60	4%	0
017.42	Boron, ICP, Open vessel (ppm)	0045	7.565	0.9700	8.145	1.071	0.5387	6	-0.54	4%	0
017.42	Boron, ICP, Open vessel (ppm)	0294	8.725	0.0500	8.145	1.071	0.5387	6	0.54	4%	0
017.42	Boron, ICP, Open vessel (ppm)	0265	8.800	1.000	8.145	1.071	0.5387	6	0.61	4%	0
017.42	Boron, ICP, Open vessel (ppm)	2129	9.352	0.5520	8.145	1.071	0.5387	6	1.13	7%	0
017.43	Boron, ICP, Microwave (ppm)	0083	7.100	0.0000	8.365	1.460	0.1104	7	-0.87	8%	0
017.43	Boron, ICP, Microwave (ppm)	2033	7.150	0.1000	8.365	1.460	0.1104	7	-0.83	7%	0
017.43	Boron, ICP, Microwave (ppm)	0345	7.360	0.0800	8.365	1.460	0.1104	7	-0.69	6%	0
017.43	Boron, ICP, Microwave (ppm)	0407	7.960	0.3629	8.365	1.460	0.1104	7	-0.28	2%	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	R-bar	# Labs			
017.43	Boron, ICP, Microwave (ppm)	0353	9.000	0.0000	8.365	1.460	0.1104	7	0.43	4%	0
017.43	Boron, ICP, Microwave (ppm)	0918	9.985	0.2300	8.365	1.460	0.1104	7	1.11	10%	0
017.43	Boron, ICP, Microwave (ppm)	0510	10.00	0.0000	8.365	1.460	0.1104	7	1.12	10%	0
017.43	Boron, ICP, Microwave (ppm)	0297	0.0000	0.0000	8.365	1.460	0.1104	7			4
017.52	Boron, ICP-MS, Open vessel (ppm)	0560	6.390	1.080				1			0
017.53	Boron, ICP-MS, Microwave (ppm)	0553	6.445	0.1500				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	1.825	0.0500	2.178	0.0761	0.0427	14	-4.64	8%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2246	2.010	0.0000	2.178	0.0761	0.0427	14	-2.21	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2295	2.105	0.0100	2.178	0.0761	0.0427	14	-0.96	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	2.110	0.1740	2.178	0.0761	0.0427	14	-0.89	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	2.181	0.0550	2.178	0.0761	0.0427	14	0.03	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	2.190	0.0000	2.178	0.0761	0.0427	14	0.16	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	2.190	0.0200	2.178	0.0761	0.0427	14	0.16	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	2.190	0.0200	2.178	0.0761	0.0427	14	0.16	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	2.195	0.0100	2.178	0.0761	0.0427	14	0.22	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	2.208	0.0252	2.178	0.0761	0.0427	14	0.40	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	2.225	0.0300	2.178	0.0761	0.0427	14	0.62	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	2.250	0.0000	2.178	0.0761	0.0427	14	0.95	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	2.255	0.0700	2.178	0.0761	0.0427	14	1.01	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	2.265	0.1340	2.178	0.0761	0.0427	14	1.14	2%	0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	2.205	0.0670				1			0
019.08	Calcium, EDTA (%)	2188	2.055	0.0500	2.177	0.0900	0.0257	6	-1.36	3%	0
019.08	Calcium, EDTA (%)	0590	2.125	0.0700	2.177	0.0900	0.0257	6	-0.58	1%	0
019.08	Calcium, EDTA (%)	2009	2.158	0.0045	2.177	0.0900	0.0257	6	-0.22	0%	0
019.08	Calcium, EDTA (%)	2196	2.220	0.0000	2.177	0.0900	0.0257	6	0.47	1%	0
019.08	Calcium, EDTA (%)	0885	2.246	0.0097	2.177	0.0900	0.0257	6	0.77	2%	0
019.08	Calcium, EDTA (%)	0689	2.260	0.0200	2.177	0.0900	0.0257	6	0.92	2%	0
019.09	Calcium, Ion-selective electrode (%)	2006	2.123	0.0940				1			0
019.31	Calcium, AAS, Dry ash (%)	0038	1.885	0.2900	2.165	0.1354	0.0656	18	-2.07	6%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.925	0.0300	2.165	0.1354	0.0656	18	-1.77	6%	0
019.31	Calcium, AAS, Dry ash (%)	2246	1.980	0.0200	2.165	0.1354	0.0656	18	-1.37	4%	0
019.31	Calcium, AAS, Dry ash (%)	0529	2.070	0.0400	2.165	0.1354	0.0656	18	-0.70	2%	0
019.31	Calcium, AAS, Dry ash (%)	2146	2.095	0.1100	2.165	0.1354	0.0656	18	-0.52	2%	0
019.31	Calcium, AAS, Dry ash (%)	0674	2.110	0.0000	2.165	0.1354	0.0656	18	-0.41	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	2.123	0.0092	2.165	0.1354	0.0656	18	-0.31	1%	0
019.31	Calcium, AAS, Dry ash (%)	0108	2.140	0.1400	2.165	0.1354	0.0656	18	-0.18	1%	0
019.31	Calcium, AAS, Dry ash (%)	0656	2.160	0.0000	2.165	0.1354	0.0656	18	-0.04	0%	0
019.31	Calcium, AAS, Dry ash (%)	0939	2.180	0.0400	2.165	0.1354	0.0656	18	0.11	0%	0
019.31	Calcium, AAS, Dry ash (%)	2196	2.210	0.0000	2.165	0.1354	0.0656	18	0.33	1%	0
019.31	Calcium, AAS, Dry ash (%)	0536	2.240	0.0400	2.165	0.1354	0.0656	18	0.55	2%	0
019.31	Calcium, AAS, Dry ash (%)	0948	2.253	0.0420	2.165	0.1354	0.0656	18	0.65	2%	0
019.31	Calcium, AAS, Dry ash (%)	0563	2.264	0.0218	2.165	0.1354	0.0656	18	0.73	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	R-bar	# Labs	Z Score	%RSD	
019.31	Calcium, AAS, Dry ash (%)	0001	2.276	0.0280	2.165	0.1354	0.0656	18	0.82	3%	0
019.31	Calcium, AAS, Dry ash (%)	0687	2.300	0.2000	2.165	0.1354	0.0656	18	1.00	3%	0
019.31	Calcium, AAS, Dry ash (%)	0868	2.305	0.0100	2.165	0.1354	0.0656	18	1.03	3%	0
019.31	Calcium, AAS, Dry ash (%)	0904	2.340	0.1600	2.165	0.1354	0.0656	18	1.29	4%	0
019.32	Calcium, AAS, Open vessel (%)	0169	2.095	0.0700				1			0
019.41	Calcium, ICP, Dry ash (%)	0144	2.055	0.0900	2.232	0.1259	0.0396	23	-1.41	4%	0
019.41	Calcium, ICP, Dry ash (%)	0910	2.110	0.0600	2.232	0.1259	0.0396	23	-0.97	3%	0
019.41	Calcium, ICP, Dry ash (%)	0123	2.120	0.0000	2.232	0.1259	0.0396	23	-0.89	3%	0
019.41	Calcium, ICP, Dry ash (%)	2012	2.135	0.0100	2.232	0.1259	0.0396	23	-0.77	2%	0
019.41	Calcium, ICP, Dry ash (%)	2259	2.138	0.0220	2.232	0.1259	0.0396	23	-0.75	2%	0
019.41	Calcium, ICP, Dry ash (%)	0171	2.140	0.0200	2.232	0.1259	0.0396	23	-0.73	2%	0
019.41	Calcium, ICP, Dry ash (%)	0148	2.145	0.0100	2.232	0.1259	0.0396	23	-0.69	2%	0
019.41	Calcium, ICP, Dry ash (%)	0354	2.145	0.0300	2.232	0.1259	0.0396	23	-0.69	2%	0
019.41	Calcium, ICP, Dry ash (%)	0407	2.162	0.0943	2.232	0.1259	0.0396	23	-0.56	2%	0
019.41	Calcium, ICP, Dry ash (%)	0298	2.170	0.0200	2.232	0.1259	0.0396	23	-0.49	1%	0
019.41	Calcium, ICP, Dry ash (%)	0066	2.195	0.0350	2.232	0.1259	0.0396	23	-0.30	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	2.210	0.0200	2.232	0.1259	0.0396	23	-0.18	0%	0
019.41	Calcium, ICP, Dry ash (%)	0848	2.210	0.0400	2.232	0.1259	0.0396	23	-0.18	0%	0
019.41	Calcium, ICP, Dry ash (%)	0878	2.210	0.0200	2.232	0.1259	0.0396	23	-0.18	0%	0
019.41	Calcium, ICP, Dry ash (%)	0004	2.290	0.0000	2.232	0.1259	0.0396	23	0.46	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	2.295	0.0300	2.232	0.1259	0.0396	23	0.50	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	2.300	0.0800	2.232	0.1259	0.0396	23	0.54	2%	0
019.41	Calcium, ICP, Dry ash (%)	0003	2.320	0.1600	2.232	0.1259	0.0396	23	0.70	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	2.375	0.0100	2.232	0.1259	0.0396	23	1.14	3%	0
019.41	Calcium, ICP, Dry ash (%)	0226	2.380	0.0200	2.232	0.1259	0.0396	23	1.18	3%	0
019.41	Calcium, ICP, Dry ash (%)	0598	2.392	0.0790	2.232	0.1259	0.0396	23	1.27	4%	0
019.41	Calcium, ICP, Dry ash (%)	0098	2.445	0.0500	2.232	0.1259	0.0396	23	1.69	5%	0
019.41	Calcium, ICP, Dry ash (%)	0520	2.495	0.0100	2.232	0.1259	0.0396	23	2.09	6%	0
019.41	Calcium, ICP, Dry ash (%)	0074	2.335	0.3100	2.232	0.1259	0.0396	23	0.82	2%	1
019.42	Calcium, ICP, Open vessel (%)	2129	1.897	0.0240	2.181	0.1696	0.0402	15	-1.68	7%	0
019.42	Calcium, ICP, Open vessel (%)	0263	2.027	0.0500	2.181	0.1696	0.0402	15	-0.91	4%	0
019.42	Calcium, ICP, Open vessel (%)	0278	2.040	0.0200	2.181	0.1696	0.0402	15	-0.83	3%	0
019.42	Calcium, ICP, Open vessel (%)	0357	2.044	0.0987	2.181	0.1696	0.0402	15	-0.81	3%	0
019.42	Calcium, ICP, Open vessel (%)	0265	2.090	0.0400	2.181	0.1696	0.0402	15	-0.54	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	2.116	0.0440	2.181	0.1696	0.0402	15	-0.39	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	2.165	0.0700	2.181	0.1696	0.0402	15	-0.10	0%	0
019.42	Calcium, ICP, Open vessel (%)	0692	2.165	0.0100	2.181	0.1696	0.0402	15	-0.10	0%	0
019.42	Calcium, ICP, Open vessel (%)	0037	2.176	0.0100	2.181	0.1696	0.0402	15	-0.03	0%	0
019.42	Calcium, ICP, Open vessel (%)	0870	2.221	0.0670	2.181	0.1696	0.0402	15	0.23	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	2.255	0.0100	2.181	0.1696	0.0402	15	0.43	2%	0
019.42	Calcium, ICP, Open vessel (%)	0294	2.270	0.0400	2.181	0.1696	0.0402	15	0.52	2%	0
019.42	Calcium, ICP, Open vessel (%)	0190	2.365	0.0100	2.181	0.1696	0.0402	15	1.08	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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019.42	Calcium, ICP, Open vessel (%)	0009	2.425	0.0500	2.181	0.1696	0.0402	15	1.44	6%	0
019.42	Calcium, ICP, Open vessel (%)	0726	2.580	0.0600	2.181	0.1696	0.0402	15	2.35	9%	0
019.42	Calcium, ICP, Open vessel (%)	0045	2.260	0.2000	2.181	0.1696	0.0402	15	0.46	2%	1
019.43	Calcium, ICP, Microwave (%)	0038	1.665	0.0100	2.174	0.1872	0.0400	25	-2.72	12%	0
019.43	Calcium, ICP, Microwave (%)	2033	1.900	0.0000	2.174	0.1872	0.0400	25	-1.46	6%	0
019.43	Calcium, ICP, Microwave (%)	2192	1.915	0.0100	2.174	0.1872	0.0400	25	-1.38	6%	0
019.43	Calcium, ICP, Microwave (%)	2234	1.975	0.0500	2.174	0.1872	0.0400	25	-1.06	5%	0
019.43	Calcium, ICP, Microwave (%)	0968	2.019	0.0000	2.174	0.1872	0.0400	25	-0.83	4%	0
019.43	Calcium, ICP, Microwave (%)	0089	2.040	0.0000	2.174	0.1872	0.0400	25	-0.72	3%	0
019.43	Calcium, ICP, Microwave (%)	0036	2.060	0.0302	2.174	0.1872	0.0400	25	-0.61	3%	0
019.43	Calcium, ICP, Microwave (%)	0675	2.095	0.0100	2.174	0.1872	0.0400	25	-0.42	2%	0
019.43	Calcium, ICP, Microwave (%)	0918	2.097	0.0040	2.174	0.1872	0.0400	25	-0.41	2%	0
019.43	Calcium, ICP, Microwave (%)	0083	2.170	0.0400	2.174	0.1872	0.0400	25	-0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0297	2.170	0.1600	2.174	0.1872	0.0400	25	-0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0505	2.170	0.0200	2.174	0.1872	0.0400	25	-0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0914	2.178	0.1764	2.174	0.1872	0.0400	25	0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0345	2.185	0.0300	2.174	0.1872	0.0400	25	0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	0425	2.195	0.0700	2.174	0.1872	0.0400	25	0.11	0%	0
019.43	Calcium, ICP, Microwave (%)	0510	2.200	0.0000	2.174	0.1872	0.0400	25	0.14	1%	0
019.43	Calcium, ICP, Microwave (%)	0035	2.240	0.0000	2.174	0.1872	0.0400	25	0.35	2%	0
019.43	Calcium, ICP, Microwave (%)	0682	2.260	0.0000	2.174	0.1872	0.0400	25	0.46	2%	0
019.43	Calcium, ICP, Microwave (%)	0407	2.266	0.0717	2.174	0.1872	0.0400	25	0.49	2%	0
019.43	Calcium, ICP, Microwave (%)	0010	2.280	0.0400	2.174	0.1872	0.0400	25	0.57	2%	0
019.43	Calcium, ICP, Microwave (%)	0870	2.297	0.0390	2.174	0.1872	0.0400	25	0.65	3%	0
019.43	Calcium, ICP, Microwave (%)	0202	2.385	0.0100	2.174	0.1872	0.0400	25	1.13	5%	0
019.43	Calcium, ICP, Microwave (%)	0353	2.450	0.0200	2.174	0.1872	0.0400	25	1.47	6%	0
019.43	Calcium, ICP, Microwave (%)	0098	2.485	0.1300	2.174	0.1872	0.0400	25	1.66	7%	0
019.43	Calcium, ICP, Microwave (%)	0964	2.502	0.0786	2.174	0.1872	0.0400	25	1.75	8%	0
019.44	Calcium, ICP, Dry ash (%)	2152	2.240	0.0200				2			0
019.44	Calcium, ICP, Dry ash (%)	0164	2.270	0.0400				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	2.087	0.0190				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	2.220	0.1000				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0560	2.255	0.2100				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	2.145	0.1700				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	2.200	0.0200				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	2.260	0.0200				3			0
019.99	Calcium, Miscellaneous (%)	0242	2.045	0.1500	2.241	0.1581	0.0983	6	-1.24	4%	0
019.99	Calcium, Miscellaneous (%)	0590	2.155	0.1300	2.241	0.1581	0.0983	6	-0.54	2%	0
019.99	Calcium, Miscellaneous (%)	0676	2.190	0.0800	2.241	0.1581	0.0983	6	-0.32	1%	0
019.99	Calcium, Miscellaneous (%)	0868	2.295	0.0700	2.241	0.1581	0.0983	6	0.34	1%	0
019.99	Calcium, Miscellaneous (%)	0100	2.320	0.1600	2.241	0.1581	0.0983	6	0.50	2%	0
019.99	Calcium, Miscellaneous (%)	2302	2.440	0.0000	2.241	0.1581	0.0983	6	1.26	4%	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	R-bar	# Labs			
021.31	Cobalt, AAS, Dry ash (ppm)	0689	0.5500	0.1000				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0164	1.250	0.1000				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	1.255	0.0900				3			0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	0.6810	0.0120				3			0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	0.7690	0.0100				3			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	1.283	0.0094				3			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	1.215	0.1100				3			1
021.42	Cobalt, ICP, Open vessel (ppm)	0693	0.5750	0.2840				2			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	1.195	0.1900				2			0
021.43	Cobalt, ICP, Microwave (ppm)	0345	0.7650	0.0700	1.060	0.2843	0.0530	7	-1.04	14%	0
021.43	Cobalt, ICP, Microwave (ppm)	0038	0.8360	0.0020	1.060	0.2843	0.0530	7	-0.79	11%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	0.8550	0.1100	1.060	0.2843	0.0530	7	-0.72	10%	0
021.43	Cobalt, ICP, Microwave (ppm)	0964	1.084	0.0211	1.060	0.2843	0.0530	7	0.08	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0510	1.165	0.0100	1.060	0.2843	0.0530	7	0.37	5%	0
021.43	Cobalt, ICP, Microwave (ppm)	2033	1.300	0.0400	1.060	0.2843	0.0530	7	0.84	11%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	1.419	0.1180	1.060	0.2843	0.0530	7	1.26	17%	0
021.43	Cobalt, ICP, Microwave (ppm)	0353	1.262	1.297	1.060	0.2843	0.0530	7	0.71	10%	1
021.43	Cobalt, ICP, Microwave (ppm)	0682	< 1		1.060	0.2843	0.0530	7			5
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	0.6950	0.0500				2			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0560	0.8650	0.0100				2			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0918	0.7306	0.0162				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	1.080	0.0400				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	1.225	0.1300				3			0
022.31	Copper, AAS, Dry ash (ppm)	0536	34.85	0.0000	41.84	4.099	0.6442	8	-1.71	8%	0
022.31	Copper, AAS, Dry ash (ppm)	0656	37.20	0.0000	41.84	4.099	0.6442	8	-1.13	6%	0
022.31	Copper, AAS, Dry ash (ppm)	0563	41.98	1.353	41.84	4.099	0.6442	8	0.04	0%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	42.07	0.8000	41.84	4.099	0.6442	8	0.06	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	42.52	0.1000	41.84	4.099	0.6442	8	0.17	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0175	45.00	2.000	41.84	4.099	0.6442	8	0.77	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0868	45.05	0.9000	41.84	4.099	0.6442	8	0.78	4%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	45.20	0.0000	41.84	4.099	0.6442	8	0.82	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	42.70	4.600	41.84	4.099	0.6442	8	0.21	1%	1
022.32	Copper, AAS, Open vessel (ppm)	0038	42.75	0.5000				1			0
022.33	Copper, AAS, Microwave (ppm)	0948	43.66	0.1710				2			0
022.33	Copper, AAS, Microwave (ppm)	0010	47.05	3.500				2			0
022.41	Copper, ICP, Dry ash (ppm)	0619	34.85	0.3000	42.21	3.382	1.669	19	-2.18	9%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	36.33	0.7400	42.21	3.382	1.669	19	-1.74	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0003	38.50	1.000	42.21	3.382	1.669	19	-1.10	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	38.50	0.2000	42.21	3.382	1.669	19	-1.10	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	40.00	2.000	42.21	3.382	1.669	19	-0.65	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	40.44	1.640	42.21	3.382	1.669	19	-0.52	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	40.50	5.000	42.21	3.382	1.669	19	-0.50	2%	0

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022.41	Copper, ICP, Dry ash (ppm)	0226	42.53	1.200	42.21	3.382	1.669	19	0.10	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	42.79	0.5000	42.21	3.382	1.669	19	0.17	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	43.07	4.050	42.21	3.382	1.669	19	0.25	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	43.12	0.2300	42.21	3.382	1.669	19	0.27	1%	0
022.41	Copper, ICP, Dry ash (ppm)	2012	43.21	2.540	42.21	3.382	1.669	19	0.30	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	43.43	3.580	42.21	3.382	1.669	19	0.36	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	43.45	0.4800	42.21	3.382	1.669	19	0.37	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0074	44.50	1.000	42.21	3.382	1.669	19	0.68	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0878	44.50	1.000	42.21	3.382	1.669	19	0.68	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	45.47	2.650	42.21	3.382	1.669	19	0.96	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	46.37	1.750	42.21	3.382	1.669	19	1.23	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	48.08	1.850	42.21	3.382	1.669	19	1.74	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	42.01	2.910	45.91	2.794	1.673	17	-1.40	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	42.55	2.500	45.91	2.794	1.673	17	-1.20	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	42.72	0.6890	45.91	2.794	1.673	17	-1.14	3%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	44.05	0.0900	45.91	2.794	1.673	17	-0.67	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	44.62	0.7090	45.91	2.794	1.673	17	-0.46	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	44.75	2.300	45.91	2.794	1.673	17	-0.42	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	45.01	5.041	45.91	2.794	1.673	17	-0.32	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	45.30	1.200	45.91	2.794	1.673	17	-0.22	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	45.30	2.200	45.91	2.794	1.673	17	-0.22	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	45.38	0.1500	45.91	2.794	1.673	17	-0.19	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	47.00	2.000	45.91	2.794	1.673	17	0.39	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	47.50	1.000	45.91	2.794	1.673	17	0.57	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	47.65	3.300	45.91	2.794	1.673	17	0.62	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	47.85	0.5000	45.91	2.794	1.673	17	0.69	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	49.25	0.7700	45.91	2.794	1.673	17	1.19	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0035	49.50	1.000	45.91	2.794	1.673	17	1.28	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	53.64	2.080	45.91	2.794	1.673	17	2.77	8%	0
022.43	Copper, ICP, Microwave (ppm)	2234	31.32	3.780	46.02	2.429	2.278	23	-6.05	16%	0
022.43	Copper, ICP, Microwave (ppm)	0353	43.00	4.000	46.02	2.429	2.278	23	-1.24	3%	0
022.43	Copper, ICP, Microwave (ppm)	0918	43.18	2.690	46.02	2.429	2.278	23	-1.17	3%	0
022.43	Copper, ICP, Microwave (ppm)	0202	43.79	0.6200	46.02	2.429	2.278	23	-0.92	2%	0
022.43	Copper, ICP, Microwave (ppm)	0169	44.10	2.000	46.02	2.429	2.278	23	-0.79	2%	0
022.43	Copper, ICP, Microwave (ppm)	0675	44.48	1.850	46.02	2.429	2.278	23	-0.64	2%	0
022.43	Copper, ICP, Microwave (ppm)	0968	44.50	1.000	46.02	2.429	2.278	23	-0.63	2%	0
022.43	Copper, ICP, Microwave (ppm)	0083	45.00	2.000	46.02	2.429	2.278	23	-0.42	1%	0
022.43	Copper, ICP, Microwave (ppm)	0407	45.35	1.854	46.02	2.429	2.278	23	-0.28	1%	0
022.43	Copper, ICP, Microwave (ppm)	0505	45.44	3.940	46.02	2.429	2.278	23	-0.24	1%	0
022.43	Copper, ICP, Microwave (ppm)	0425	45.60	3.600	46.02	2.429	2.278	23	-0.17	0%	0
022.43	Copper, ICP, Microwave (ppm)	0345	45.83	0.7500	46.02	2.429	2.278	23	-0.08	0%	0
022.43	Copper, ICP, Microwave (ppm)	0682	45.90	0.0000	46.02	2.429	2.278	23	-0.05	0%	0

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022.43	Copper, ICP, Microwave (ppm)	2192	46.48	0.9900	46.02	2.429	2.278	23	0.19	0%	0
022.43	Copper, ICP, Microwave (ppm)	0510	46.50	1.000	46.02	2.429	2.278	23	0.20	1%	0
022.43	Copper, ICP, Microwave (ppm)	0098	46.66	2.260	46.02	2.429	2.278	23	0.26	1%	0
022.43	Copper, ICP, Microwave (ppm)	0870	46.99	1.450	46.02	2.429	2.278	23	0.40	1%	0
022.43	Copper, ICP, Microwave (ppm)	0914	47.60	5.200	46.02	2.429	2.278	23	0.65	2%	0
022.43	Copper, ICP, Microwave (ppm)	2033	48.45	1.300	46.02	2.429	2.278	23	1.00	3%	0
022.43	Copper, ICP, Microwave (ppm)	0035	48.50	1.000	46.02	2.429	2.278	23	1.02	3%	0
022.43	Copper, ICP, Microwave (ppm)	0297	49.50	5.000	46.02	2.429	2.278	23	1.43	4%	0
022.43	Copper, ICP, Microwave (ppm)	0038	50.10	2.000	46.02	2.429	2.278	23	1.68	4%	0
022.43	Copper, ICP, Microwave (ppm)	0964	51.03	4.120	46.02	2.429	2.278	23	2.06	5%	0
022.44	Copper, ICP, Dry ash (ppm)	0164	44.00	2.000				2			0
022.44	Copper, ICP, Dry ash (ppm)	0066	47.68	0.6400				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	37.77	3.430				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	44.35	2.700				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0560	44.60	0.4000				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	41.50	3.200				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0572	43.50	0.6000				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	45.75	0.4900				3			0
022.99	Copper, Miscellaneous (ppm)	2302	33.00	0.0000	39.25	4.975	2.200	4			0
022.99	Copper, Miscellaneous (ppm)	0590	37.50	1.800	39.25	4.975	2.200	4			0
022.99	Copper, Miscellaneous (ppm)	0100	43.00	2.000	39.25	4.975	2.200	4			0
022.99	Copper, Miscellaneous (ppm)	0242	43.50	5.000	39.25	4.975	2.200	4			0
023.01	Fluorine, Ion Sel Elect (ppm)	2033	23.00	1.000				1			0
024.03	Iodine, Ion-selective electrode (ppm)	0171	3.450	0.1000				1			0
025.31	Iron, AAS, Dry ash (ppm)	0536	14.43	0.6100	639.9	37.73	7.290	13	-16.58	49%	0
025.31	Iron, AAS, Dry ash (ppm)	0689	573.8	3.600	639.9	37.73	7.290	13	-1.75	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0656	605.6	0.0000	639.9	37.73	7.290	13	-0.91	3%	0
025.31	Iron, AAS, Dry ash (ppm)	2146	633.2	3.200	639.9	37.73	7.290	13	-0.18	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0175	639.0	6.000	639.9	37.73	7.290	13	-0.02	0%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	639.5	0.0000	639.9	37.73	7.290	13	-0.01	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	642.0	13.70	639.9	37.73	7.290	13	0.05	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	642.5	17.40	639.9	37.73	7.290	13	0.07	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	653.5	13.00	639.9	37.73	7.290	13	0.36	1%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	659.9	1.240	639.9	37.73	7.290	13	0.53	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0505	670.2	9.000	639.9	37.73	7.290	13	0.80	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	670.7	2.020	639.9	37.73	7.290	13	0.81	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0868	698.5	25.00	639.9	37.73	7.290	13	1.55	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	1,415	114.0	639.9	37.73	7.290	13	20.54	61%	1
025.33	Iron, AAS, Microwave (ppm)	0904	391.0	4.750				2			0
025.33	Iron, AAS, Microwave (ppm)	2178	506.5	51.00				2			0
025.41	Iron, ICP, Dry ash (ppm)	0619	540.9	3.694	657.2	35.31	14.45	21	-3.29	9%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	542.3	21.24	657.2	35.31	14.45	21	-3.25	9%	0

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025.41	Iron, ICP, Dry ash (ppm)	0123	613.5	27.00	657.2	35.31	14.45	21	-1.24	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	616.7	2.080	657.2	35.31	14.45	21	-1.15	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	620.0	2.441	657.2	35.31	14.45	21	-1.05	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0003	622.5	43.00	657.2	35.31	14.45	21	-0.98	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	650.0	20.00	657.2	35.31	14.45	21	-0.20	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	658.3	22.50	657.2	35.31	14.45	21	0.03	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	662.3	9.440	657.2	35.31	14.45	21	0.15	0%	0
025.41	Iron, ICP, Dry ash (ppm)	2012	666.2	10.76	657.2	35.31	14.45	21	0.26	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	669.0	10.00	657.2	35.31	14.45	21	0.34	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0878	669.0	14.00	657.2	35.31	14.45	21	0.34	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	669.1	33.90	657.2	35.31	14.45	21	0.34	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	671.7	1.650	657.2	35.31	14.45	21	0.41	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0074	672.5	1.000	657.2	35.31	14.45	21	0.43	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	673.1	0.3000	657.2	35.31	14.45	21	0.45	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	679.0	6.000	657.2	35.31	14.45	21	0.62	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	687.4	11.10	657.2	35.31	14.45	21	0.85	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	689.1	42.58	657.2	35.31	14.45	21	0.90	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	696.5	1.000	657.2	35.31	14.45	21	1.11	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	706.4	19.80	657.2	35.31	14.45	21	1.39	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	203.5	27.00	576.6	127.7	15.22	14	-2.92	32%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	322.4	3.900	576.6	127.7	15.22	14	-1.99	22%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	340.5	19.00	576.6	127.7	15.22	14	-1.85	20%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	543.7	6.500	576.6	127.7	15.22	14	-0.26	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	560.6	0.9400	576.6	127.7	15.22	14	-0.12	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	603.5	21.00	576.6	127.7	15.22	14	0.21	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	610.9	8.448	576.6	127.7	15.22	14	0.27	3%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	620.8	8.300	576.6	127.7	15.22	14	0.35	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	634.0	36.00	576.6	127.7	15.22	14	0.45	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	645.4	24.30	576.6	127.7	15.22	14	0.54	6%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	647.2	1.714	576.6	127.7	15.22	14	0.55	6%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	656.0	32.00	576.6	127.7	15.22	14	0.62	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	675.0	12.00	576.6	127.7	15.22	14	0.77	9%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	720.0	12.00	576.6	127.7	15.22	14	1.12	12%	0
025.43	Iron, ICP, Microwave (ppm)	0345	479.5	13.00	656.1	38.87	17.07	20	-4.54	13%	0
025.43	Iron, ICP, Microwave (ppm)	2234	505.4	31.21	656.1	38.87	17.07	20	-3.88	11%	0
025.43	Iron, ICP, Microwave (ppm)	0675	614.2	0.0100	656.1	38.87	17.07	20	-1.08	3%	0
025.43	Iron, ICP, Microwave (ppm)	0353	617.0	10.00	656.1	38.87	17.07	20	-1.01	3%	0
025.43	Iron, ICP, Microwave (ppm)	0169	624.5	17.00	656.1	38.87	17.07	20	-0.81	2%	0
025.43	Iron, ICP, Microwave (ppm)	0968	634.0	6.000	656.1	38.87	17.07	20	-0.57	2%	0
025.43	Iron, ICP, Microwave (ppm)	2033	640.0	0.0000	656.1	38.87	17.07	20	-0.41	1%	0
025.43	Iron, ICP, Microwave (ppm)	2192	652.9	45.80	656.1	38.87	17.07	20	-0.08	0%	0
025.43	Iron, ICP, Microwave (ppm)	0425	653.7	32.20	656.1	38.87	17.07	20	-0.06	0%	0

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025.43	Iron, ICP, Microwave (ppm)	0083	659.0	8.000	656.1	38.87	17.07	20	0.07	0%	0
025.43	Iron, ICP, Microwave (ppm)	0918	662.6	6.460	656.1	38.87	17.07	20	0.17	0%	0
025.43	Iron, ICP, Microwave (ppm)	0297	664.0	42.00	656.1	38.87	17.07	20	0.20	1%	0
025.43	Iron, ICP, Microwave (ppm)	0682	670.5	0.0000	656.1	38.87	17.07	20	0.37	1%	0
025.43	Iron, ICP, Microwave (ppm)	0510	672.0	4.000	656.1	38.87	17.07	20	0.41	1%	0
025.43	Iron, ICP, Microwave (ppm)	0914	675.8	37.30	656.1	38.87	17.07	20	0.51	1%	0
025.43	Iron, ICP, Microwave (ppm)	0098	679.8	9.400	656.1	38.87	17.07	20	0.61	2%	0
025.43	Iron, ICP, Microwave (ppm)	0407	687.5	5.203	656.1	38.87	17.07	20	0.81	2%	0
025.43	Iron, ICP, Microwave (ppm)	0870	690.4	23.90	656.1	38.87	17.07	20	0.88	3%	0
025.43	Iron, ICP, Microwave (ppm)	0035	733.0	0.0000	656.1	38.87	17.07	20	1.98	6%	0
025.43	Iron, ICP, Microwave (ppm)	0038	736.0	50.00	656.1	38.87	17.07	20	2.06	6%	0
025.43	Iron, ICP, Microwave (ppm)	0964	725.2	102.0	656.1	38.87	17.07	20	1.78	5%	1
025.52	Iron, ICP-MS, Open vessel (ppm)	0560	429.1	171.1				2			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	479.3	0.2000				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	625.0	12.00				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	686.0	4.000				2			0
025.99	Iron, Miscellaneous (ppm)	2302	633.0	0.0000				3			0
025.99	Iron, Miscellaneous (ppm)	2144	663.9	2.770				3			0
025.99	Iron, Miscellaneous (ppm)	0100	684.5	9.000				3			0
025.99	Iron, Miscellaneous (ppm)	0242	639.0	46.00				3			1
027.31	Magnesium, AAS, Dry ash (%)	0038	0.1959	0.0007	0.2097	0.0063	0.0046	8	-2.22	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.2050	0.0100	0.2097	0.0063	0.0046	8	-0.75	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.2066	0.0044	0.2097	0.0063	0.0046	8	-0.50	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.2100	0.0000	0.2097	0.0063	0.0046	8	0.05	0%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.2100	0.0000	0.2097	0.0063	0.0046	8	0.05	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.2150	0.0100	0.2097	0.0063	0.0046	8	0.84	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.2150	0.0100	0.2097	0.0063	0.0046	8	0.84	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.2158	0.0014	0.2097	0.0063	0.0046	8	0.97	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.2050	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.2100	0.0200				1			0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.1850	0.0100	0.2080	0.0118	0.0052	16	-1.95	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.1873	0.0178	0.2080	0.0118	0.0052	16	-1.75	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.2000	0.0000	0.2080	0.0118	0.0052	16	-0.68	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.2000	0.0000	0.2080	0.0118	0.0052	16	-0.68	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.2000	0.0000	0.2080	0.0118	0.0052	16	-0.68	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.2050	0.0100	0.2080	0.0118	0.0052	16	-0.25	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.2050	0.0100	0.2080	0.0118	0.0052	16	-0.25	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.2090	0.0000	0.2080	0.0118	0.0052	16	0.09	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.2090	0.0020	0.2080	0.0118	0.0052	16	0.09	0%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.2100	0.0000	0.2080	0.0118	0.0052	16	0.17	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.2100	0.0200	0.2080	0.0118	0.0052	16	0.17	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.2130	0.0020	0.2080	0.0118	0.0052	16	0.42	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	R-bar	# Labs			
027.41	Magnesium, ICP, Dry ash (%)	0098	0.2200	0.0000	0.2080	0.0118	0.0052	16	1.02	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.2200	0.0000	0.2080	0.0118	0.0052	16	1.02	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.2213	0.0009	0.2080	0.0118	0.0052	16	1.12	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.2250	0.0100	0.2080	0.0118	0.0052	16	1.44	4%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.1932	0.0044	0.2091	0.0098	0.0061	16	-1.62	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.2000	0.0000	0.2091	0.0098	0.0061	16	-0.93	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.2000	0.0200	0.2091	0.0098	0.0061	16	-0.93	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.2014	0.0064	0.2091	0.0098	0.0061	16	-0.78	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.2029	0.0049	0.2091	0.0098	0.0061	16	-0.63	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.2050	0.0100	0.2091	0.0098	0.0061	16	-0.41	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.2050	0.0100	0.2091	0.0098	0.0061	16	-0.41	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.2070	0.0020	0.2091	0.0098	0.0061	16	-0.21	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.2100	0.0000	0.2091	0.0098	0.0061	16	0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.2100	0.0000	0.2091	0.0098	0.0061	16	0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.2115	0.0050	0.2091	0.0098	0.0061	16	0.25	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.2150	0.0100	0.2091	0.0098	0.0061	16	0.61	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.2180	0.0040	0.2091	0.0098	0.0061	16	0.92	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.2200	0.0000	0.2091	0.0098	0.0061	16	1.12	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.2210	0.0102	0.2091	0.0098	0.0061	16	1.22	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.2335	0.0110	0.2091	0.0098	0.0061	16	2.50	6%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.1850	0.0100	0.2036	0.0124	0.0042	19	-1.50	5%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.1900	0.0005	0.2036	0.0124	0.0042	19	-1.10	3%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.1900	0.0000	0.2036	0.0124	0.0042	19	-1.10	3%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.1920	0.0079	0.2036	0.0124	0.0042	19	-0.94	3%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.1930	0.0160	0.2036	0.0124	0.0042	19	-0.85	3%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.1995	0.0030	0.2036	0.0124	0.0042	19	-0.33	1%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.2000	0.0000	0.2036	0.0124	0.0042	19	-0.29	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.2000	0.0000	0.2036	0.0124	0.0042	19	-0.29	1%	0
027.43	Magnesium, ICP, Microwave (%)	2033	0.2000	0.0000	0.2036	0.0124	0.0042	19	-0.29	1%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.2025	0.0010	0.2036	0.0124	0.0042	19	-0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.2035	0.0010	0.2036	0.0124	0.0042	19	0.00	0%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.2050	0.0100	0.2036	0.0124	0.0042	19	0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.2100	0.0000	0.2036	0.0124	0.0042	19	0.52	2%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.2100	0.0020	0.2036	0.0124	0.0042	19	0.52	2%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.2112	0.0068	0.2036	0.0124	0.0042	19	0.62	2%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.2150	0.0100	0.2036	0.0124	0.0042	19	0.93	3%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.2189	0.0020	0.2036	0.0124	0.0042	19	1.24	4%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.2200	0.0000	0.2036	0.0124	0.0042	19	1.33	4%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.2250	0.0100	0.2036	0.0124	0.0042	19	1.73	5%	0
027.44	Magnesium, ICP, Dry ash (%)	0164	0.2070	0.0100				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.1948	0.0024				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0560	0.1986	0.0108				3			0

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027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.1988	0.0074				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.2050	0.0100				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.2105	0.0110				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.2135	0.0090				3			0
027.99	Magnesium, Miscellaneous (%)	2302	0.1900	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.2000	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.2200	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0590	0.2050	0.0100				3			1
028.31	Manganese, AAS, Dry ash (ppm)	0921	102.5	1.000	119.6	11.24	1.483	13	-1.52	7%	0
028.31	Manganese, AAS, Dry ash (ppm)	0536	104.3	2.000	119.6	11.24	1.483	13	-1.36	6%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	110.3	1.740	119.6	11.24	1.483	13	-0.83	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	2146	113.5	4.170	119.6	11.24	1.483	13	-0.55	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	117.6	0.3000	119.6	11.24	1.483	13	-0.18	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	119.2	0.0000	119.6	11.24	1.483	13	-0.04	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0689	120.3	1.400	119.6	11.24	1.483	13	0.06	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	122.5	0.9992	119.6	11.24	1.483	13	0.26	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0175	125.0	2.000	119.6	11.24	1.483	13	0.48	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	125.3	2.600	119.6	11.24	1.483	13	0.50	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0868	128.5	3.000	119.6	11.24	1.483	13	0.79	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0656	129.5	0.0000	119.6	11.24	1.483	13	0.88	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	144.8	0.0700	119.6	11.24	1.483	13	2.24	11%	0
028.32	Manganese, AAS, Open vessel (ppm)	0038	146.5	9.000				1			0
028.33	Manganese, AAS, Microwave (ppm)	0948	118.0	0.5700				2			0
028.33	Manganese, AAS, Microwave (ppm)	0904	122.8	14.80				2			0
028.41	Manganese, ICP, Dry ash (ppm)	0354	103.9	1.220	120.9	8.858	4.228	18	-1.92	7%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	104.7	0.7150	120.9	8.858	4.228	18	-1.83	7%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	111.0	8.000	120.9	8.858	4.228	18	-1.11	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	112.7	5.010	120.9	8.858	4.228	18	-0.92	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	113.9	0.1000	120.9	8.858	4.228	18	-0.79	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	2012	117.7	3.120	120.9	8.858	4.228	18	-0.36	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0878	119.5	1.000	120.9	8.858	4.228	18	-0.15	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	121.7	2.740	120.9	8.858	4.228	18	0.10	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	121.7	8.729	120.9	8.858	4.228	18	0.10	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	122.1	3.536	120.9	8.858	4.228	18	0.15	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	123.0	2.500	120.9	8.858	4.228	18	0.24	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0074	123.0	2.000	120.9	8.858	4.228	18	0.24	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	125.5	9.000	120.9	8.858	4.228	18	0.52	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	126.2	11.48	120.9	8.858	4.228	18	0.60	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	128.0	7.250	120.9	8.858	4.228	18	0.81	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	129.6	6.600	120.9	8.858	4.228	18	0.99	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0003	130.5	3.000	120.9	8.858	4.228	18	1.09	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	134.2	0.1000	120.9	8.858	4.228	18	1.50	6%	0

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028.42	Manganese, ICP, Open vessel (ppm)	0870	106.0	7.200	125.5	9.498	2.939	17	-2.05	8%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	110.2	0.2000	125.5	9.498	2.939	17	-1.61	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	119.0	2.000	125.5	9.498	2.939	17	-0.68	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	120.0	12.00	125.5	9.498	2.939	17	-0.58	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	120.6	1.618	125.5	9.498	2.939	17	-0.52	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	120.9	4.520	125.5	9.498	2.939	17	-0.49	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	122.4	0.5290	125.5	9.498	2.939	17	-0.32	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	122.5	5.000	125.5	9.498	2.939	17	-0.32	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	124.5	1.000	125.5	9.498	2.939	17	-0.11	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0265	126.0	2.000	125.5	9.498	2.939	17	0.05	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	128.0	2.000	125.5	9.498	2.939	17	0.26	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	129.5	1.000	125.5	9.498	2.939	17	0.42	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	130.1	0.6000	125.5	9.498	2.939	17	0.48	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	134.0	8.000	125.5	9.498	2.939	17	0.90	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	136.1	0.4000	125.5	9.498	2.939	17	1.12	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	137.7	0.7000	125.5	9.498	2.939	17	1.28	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	142.7	1.200	125.5	9.498	2.939	17	1.81	7%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	107.9	4.000	125.3	6.367	2.739	22	-2.74	7%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	116.9	1.100	125.3	6.367	2.739	22	-1.33	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0425	118.6	7.700	125.3	6.367	2.739	22	-1.07	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	120.0	4.000	125.3	6.367	2.739	22	-0.84	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	121.5	1.000	125.3	6.367	2.739	22	-0.60	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	121.5	4.170	125.3	6.367	2.739	22	-0.60	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	122.1	1.550	125.3	6.367	2.739	22	-0.51	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	122.5	0.8725	125.3	6.367	2.739	22	-0.45	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0038	123.5	1.000	125.3	6.367	2.739	22	-0.29	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	123.5	1.000	125.3	6.367	2.739	22	-0.29	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2033	124.2	1.150	125.3	6.367	2.739	22	-0.18	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	124.5	1.000	125.3	6.367	2.739	22	-0.13	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	124.5	1.000	125.3	6.367	2.739	22	-0.13	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	126.5	3.000	125.3	6.367	2.739	22	0.18	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0914	126.8	0.8000	125.3	6.367	2.739	22	0.23	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	128.5	1.000	125.3	6.367	2.739	22	0.50	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	130.5	11.35	125.3	6.367	2.739	22	0.80	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	130.7	0.0000	125.3	6.367	2.739	22	0.84	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2234	131.9	1.670	125.3	6.367	2.739	22	1.03	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	133.9	8.500	125.3	6.367	2.739	22	1.34	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	140.5	2.400	125.3	6.367	2.739	22	2.38	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	144.0	2.000	125.3	6.367	2.739	22	2.93	7%	0
028.44	Manganese, ICP, Dry ash (ppm)	0066	113.6	4.236				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	124.5	1.000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	105.1	0.7000				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	R-bar	# Labs			
028.52	Manganese, ICP-MS, Open vessel (ppm)	0560	124.2	0.5000				3			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	133.0	4.000				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	119.5	9.000	122.2	2.249	4.753	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0572	122.0	6.000	122.2	2.249	4.753	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	122.3	2.010	122.2	2.249	4.753	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	125.0	2.000	122.2	2.249	4.753	4			0
028.99	Manganese, Miscellaneous (ppm)	2302	118.0	0.0000	122.6	4.151	6.250	4			0
028.99	Manganese, Miscellaneous (ppm)	0242	121.5	7.000	122.6	4.151	6.250	4			0
028.99	Manganese, Miscellaneous (ppm)	0590	123.0	12.00	122.6	4.151	6.250	4			0
028.99	Manganese, Miscellaneous (ppm)	0100	128.0	6.000	122.6	4.151	6.250	4			0
031.00	Phosphorus, Vol (%)	0893	0.7500	0.0000				1			0
031.01	Phosphorus, Photometric (%)	2302	0.6600	0.0000	0.7572	0.0257	0.0090	32	-3.78	6%	0
031.01	Phosphorus, Photometric (%)	2144	0.7000	0.0000	0.7572	0.0257	0.0090	32	-2.22	4%	0
031.01	Phosphorus, Photometric (%)	0626	0.7200	0.0600	0.7572	0.0257	0.0090	32	-1.45	2%	0
031.01	Phosphorus, Photometric (%)	2146	0.7200	0.0000	0.7572	0.0257	0.0090	32	-1.45	2%	0
031.01	Phosphorus, Photometric (%)	2022	0.7250	0.0100	0.7572	0.0257	0.0090	32	-1.25	2%	0
031.01	Phosphorus, Photometric (%)	0939	0.7300	0.0200	0.7572	0.0257	0.0090	32	-1.06	2%	0
031.01	Phosphorus, Photometric (%)	2246	0.7400	0.0000	0.7572	0.0257	0.0090	32	-0.67	1%	0
031.01	Phosphorus, Photometric (%)	0175	0.7450	0.0100	0.7572	0.0257	0.0090	32	-0.47	1%	0
031.01	Phosphorus, Photometric (%)	2109	0.7465	0.0010	0.7572	0.0257	0.0090	32	-0.42	1%	0
031.01	Phosphorus, Photometric (%)	2062	0.7491	0.0052	0.7572	0.0257	0.0090	32	-0.31	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.7500	0.0200	0.7572	0.0257	0.0090	32	-0.28	0%	0
031.01	Phosphorus, Photometric (%)	0590	0.7500	0.0400	0.7572	0.0257	0.0090	32	-0.28	0%	0
031.01	Phosphorus, Photometric (%)	0674	0.7500	0.0000	0.7572	0.0257	0.0090	32	-0.28	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.7501	0.0002	0.7572	0.0257	0.0090	32	-0.28	0%	0
031.01	Phosphorus, Photometric (%)	0904	0.7550	0.0300	0.7572	0.0257	0.0090	32	-0.08	0%	0
031.01	Phosphorus, Photometric (%)	2196	0.7550	0.0000	0.7572	0.0257	0.0090	32	-0.08	0%	0
031.01	Phosphorus, Photometric (%)	0656	0.7600	0.0000	0.7572	0.0257	0.0090	32	0.11	0%	0
031.01	Phosphorus, Photometric (%)	0683	0.7600	0.0000	0.7572	0.0257	0.0090	32	0.11	0%	0
031.01	Phosphorus, Photometric (%)	2188	0.7650	0.0100	0.7572	0.0257	0.0090	32	0.30	1%	0
031.01	Phosphorus, Photometric (%)	0142	0.7655	0.0173	0.7572	0.0257	0.0090	32	0.32	1%	0
031.01	Phosphorus, Photometric (%)	0881	0.7660	0.0020	0.7572	0.0257	0.0090	32	0.34	1%	0
031.01	Phosphorus, Photometric (%)	0948	0.7680	0.0020	0.7572	0.0257	0.0090	32	0.42	1%	0
031.01	Phosphorus, Photometric (%)	2006	0.7680	0.0060	0.7572	0.0257	0.0090	32	0.42	1%	0
031.01	Phosphorus, Photometric (%)	0689	0.7700	0.0000	0.7572	0.0257	0.0090	32	0.50	1%	0
031.01	Phosphorus, Photometric (%)	0868	0.7700	0.0000	0.7572	0.0257	0.0090	32	0.50	1%	0
031.01	Phosphorus, Photometric (%)	0878	0.7800	0.0200	0.7572	0.0257	0.0090	32	0.89	2%	0
031.01	Phosphorus, Photometric (%)	0897	0.7800	0.0000	0.7572	0.0257	0.0090	32	0.89	2%	0
031.01	Phosphorus, Photometric (%)	2295	0.7850	0.0100	0.7572	0.0257	0.0090	32	1.08	2%	0
031.01	Phosphorus, Photometric (%)	0885	0.7866	0.0008	0.7572	0.0257	0.0090	32	1.14	2%	0
031.01	Phosphorus, Photometric (%)	0563	0.7912	0.0031	0.7572	0.0257	0.0090	32	1.32	2%	0
031.01	Phosphorus, Photometric (%)	2192	0.9250	0.0100	0.7572	0.0257	0.0090	32	6.53	11%	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	R-bar	# Labs			
031.01	Phosphorus, Photometric (%)	2181	1.165	0.0100	0.7572	0.0257	0.0090	32	15.86	27%	0
031.01	Phosphorus, Photometric (%)	0687	0.8000	0.1000	0.7572	0.0257	0.0090	32	1.67	3%	1
031.01	Phosphorus, Photometric (%)	0108	2.790	0.0600	0.7572	0.0257	0.0090	32	79.05	134%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0013	0.7600	0.0200				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.8000	0.0400				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.8150	0.0500				3			0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.7510	0.0064				3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.7548	0.0082				3			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.7650	0.0100				3			0
031.06	Phosphorus, Hach Method (%)	0536	0.7250	0.0100				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.6950	0.0100	0.7668	0.0473	0.0225	21	-1.52	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.7100	0.0200	0.7668	0.0473	0.0225	21	-1.20	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.7200	0.0000	0.7668	0.0473	0.0225	21	-0.99	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.7250	0.0900	0.7668	0.0473	0.0225	21	-0.88	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.7270	0.0620	0.7668	0.0473	0.0225	21	-0.84	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.7350	0.0100	0.7668	0.0473	0.0225	21	-0.67	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.7474	0.0832	0.7668	0.0473	0.0225	21	-0.41	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.7500	0.0200	0.7668	0.0473	0.0225	21	-0.35	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	0.7500	0.0200	0.7668	0.0473	0.0225	21	-0.35	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.7650	0.0300	0.7668	0.0473	0.0225	21	-0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.7650	0.0100	0.7668	0.0473	0.0225	21	-0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.7650	0.0100	0.7668	0.0473	0.0225	21	-0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.7650	0.0100	0.7668	0.0473	0.0225	21	-0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.7750	0.0100	0.7668	0.0473	0.0225	21	0.17	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.7850	0.0100	0.7668	0.0473	0.0225	21	0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.7925	0.0050	0.7668	0.0473	0.0225	21	0.54	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.8104	0.0220	0.7668	0.0473	0.0225	21	0.92	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.8185	0.0270	0.7668	0.0473	0.0225	21	1.09	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.8250	0.0100	0.7668	0.0473	0.0225	21	1.23	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.8549	0.0073	0.7668	0.0473	0.0225	21	1.86	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.8560	0.0060	0.7668	0.0473	0.0225	21	1.88	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	1.120	0.5400	0.7668	0.0473	0.0225	21	7.46	23%	1
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.6153	0.0077	0.7367	0.0484	0.0261	18	-2.51	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.6700	0.0400	0.7367	0.0484	0.0261	18	-1.38	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.6850	0.0500	0.7367	0.0484	0.0261	18	-1.07	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.6990	0.0100	0.7367	0.0484	0.0261	18	-0.78	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.7079	0.0384	0.7367	0.0484	0.0261	18	-0.60	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.7200	0.0400	0.7367	0.0484	0.0261	18	-0.35	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.7224	0.0058	0.7367	0.0484	0.0261	18	-0.30	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.7285	0.0130	0.7367	0.0484	0.0261	18	-0.17	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.7300	0.0800	0.7367	0.0484	0.0261	18	-0.14	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.7300	0.0400	0.7367	0.0484	0.0261	18	-0.14	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	R-bar	# Labs	Z Score	%RSD	
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.7450	0.0300	0.7367	0.0484	0.0261	18	0.17	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.7550	0.0760	0.7367	0.0484	0.0261	18	0.38	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.7595	0.0010	0.7367	0.0484	0.0261	18	0.47	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.7700	0.0000	0.7367	0.0484	0.0261	18	0.69	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.7743	0.0148	0.7367	0.0484	0.0261	18	0.78	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.7905	0.0030	0.7367	0.0484	0.0261	18	1.11	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.8050	0.0100	0.7367	0.0484	0.0261	18	1.41	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.8050	0.0100	0.7367	0.0484	0.0261	18	1.41	5%	0
031.43	Phosphorus, ICP, Microwave (%)	2033	0.7050	0.0040	0.7752	0.0339	0.0185	24	-2.07	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.7345	0.0050	0.7752	0.0339	0.0185	24	-1.20	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.7450	0.0500	0.7752	0.0339	0.0185	24	-0.89	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.7480	0.0046	0.7752	0.0339	0.0185	24	-0.80	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	0.7500	0.0000	0.7752	0.0339	0.0185	24	-0.74	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2234	0.7500	0.0600	0.7752	0.0339	0.0185	24	-0.74	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.7550	0.0100	0.7752	0.0339	0.0185	24	-0.60	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.7560	0.0080	0.7752	0.0339	0.0185	24	-0.57	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.7600	0.0400	0.7752	0.0339	0.0185	24	-0.45	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.7626	0.0200	0.7752	0.0339	0.0185	24	-0.37	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.7646	0.0313	0.7752	0.0339	0.0185	24	-0.31	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.7700	0.0000	0.7752	0.0339	0.0185	24	-0.15	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.7700	0.0400	0.7752	0.0339	0.0185	24	-0.15	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.7750	0.0300	0.7752	0.0339	0.0185	24	-0.01	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.7750	0.0080	0.7752	0.0339	0.0185	24	-0.01	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.7800	0.0000	0.7752	0.0339	0.0185	24	0.14	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.7875	0.0070	0.7752	0.0339	0.0185	24	0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.7910	0.0040	0.7752	0.0339	0.0185	24	0.47	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.7950	0.0100	0.7752	0.0339	0.0185	24	0.58	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.8100	0.0100	0.7752	0.0339	0.0185	24	1.03	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0914	0.8239	0.0686	0.7752	0.0339	0.0185	24	1.44	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.8250	0.0100	0.7752	0.0339	0.0185	24	1.47	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.8439	0.0203	0.7752	0.0339	0.0185	24	2.03	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.8452	0.0023	0.7752	0.0339	0.0185	24	2.06	5%	0
031.44	Phosphorus, ICP, Dry ash (%)	0164	0.7680	0.0020				3			0
031.44	Phosphorus, ICP, Dry ash (%)	2152	0.7700	0.0200				3			0
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.8035	0.0310				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.6798	0.0223				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0560	0.7151	0.0827				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.8067	0.0091				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.7420	0.0120				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.7550	0.0100				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.7915	0.0510				3			0
031.99	Phosphorus, Miscellaneous (%)	2302	0.6900	0.0000	0.7238	0.0269	0.0125	4			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	R-bar	# Labs			
031.99	Phosphorus, Miscellaneous (%)	0242	0.7150	0.0300	0.7238	0.0269	0.0125	4			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.7400	0.0000	0.7238	0.0269	0.0125	4			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.7500	0.0200	0.7238	0.0269	0.0125	4			0
032.31	Potassium, AAS, Dry ash (%)	0563	0.7329	0.0018	0.7820	0.0181	0.0146	8	-2.71	3%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.7700	0.0000	0.7820	0.0181	0.0146	8	-0.66	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.7771	0.0141	0.7820	0.0181	0.0146	8	-0.27	0%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.7800	0.0000	0.7820	0.0181	0.0146	8	-0.11	0%	0
032.31	Potassium, AAS, Dry ash (%)	0536	0.7850	0.0100	0.7820	0.0181	0.0146	8	0.17	0%	0
032.31	Potassium, AAS, Dry ash (%)	0868	0.7850	0.0100	0.7820	0.0181	0.0146	8	0.17	0%	0
032.31	Potassium, AAS, Dry ash (%)	2053	0.7950	0.0500	0.7820	0.0181	0.0146	8	0.72	1%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.8235	0.0310	0.7820	0.0181	0.0146	8	2.29	3%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.8050	0.0100				1			0
032.41	Potassium, ICP, Dry ash (%)	0019	0.6550	0.0300	0.7909	0.0561	0.0182	18	-2.42	9%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.7200	0.0200	0.7909	0.0561	0.0182	18	-1.26	4%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.7400	0.0000	0.7909	0.0561	0.0182	18	-0.91	3%	0
032.41	Potassium, ICP, Dry ash (%)	2012	0.7400	0.0200	0.7909	0.0561	0.0182	18	-0.91	3%	0
032.41	Potassium, ICP, Dry ash (%)	0003	0.7450	0.0100	0.7909	0.0561	0.0182	18	-0.82	3%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.7500	0.0600	0.7909	0.0561	0.0182	18	-0.73	3%	0
032.41	Potassium, ICP, Dry ash (%)	0354	0.7550	0.0100	0.7909	0.0561	0.0182	18	-0.64	2%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.7750	0.0100	0.7909	0.0561	0.0182	18	-0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0878	0.8050	0.0100	0.7909	0.0561	0.0182	18	0.25	1%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.8120	0.0180	0.7909	0.0561	0.0182	18	0.38	1%	0
032.41	Potassium, ICP, Dry ash (%)	0123	0.8200	0.0000	0.7909	0.0561	0.0182	18	0.52	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.8200	0.0000	0.7909	0.0561	0.0182	18	0.52	2%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.8295	0.0321	0.7909	0.0561	0.0182	18	0.69	2%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.8300	0.0200	0.7909	0.0561	0.0182	18	0.70	2%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.8325	0.0090	0.7909	0.0561	0.0182	18	0.74	3%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.8347	0.0482	0.7909	0.0561	0.0182	18	0.78	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.8450	0.0300	0.7909	0.0561	0.0182	18	0.96	3%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.8900	0.0000	0.7909	0.0561	0.0182	18	1.77	6%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.7550	0.0100	0.8122	0.0480	0.0193	16	-1.19	4%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.7640	0.0380	0.8122	0.0480	0.0193	16	-1.00	3%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.7650	0.0100	0.8122	0.0480	0.0193	16	-0.98	3%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.7800	0.0600	0.8122	0.0480	0.0193	16	-0.67	2%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.7873	0.0179	0.8122	0.0480	0.0193	16	-0.52	2%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.7930	0.0010	0.8122	0.0480	0.0193	16	-0.40	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.8005	0.0140	0.8122	0.0480	0.0193	16	-0.24	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.8010	0.0080	0.8122	0.0480	0.0193	16	-0.23	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.8015	0.0030	0.8122	0.0480	0.0193	16	-0.22	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.8150	0.0100	0.8122	0.0480	0.0193	16	0.06	0%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.8160	0.0020	0.8122	0.0480	0.0193	16	0.08	0%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.8200	0.0400	0.8122	0.0480	0.0193	16	0.16	0%	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	R-bar	# Labs			
032.42	Potassium, ICP, Open vessel (%)	0045	0.8440	0.0720	0.8122	0.0480	0.0193	16	0.66	2%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.8850	0.0100	0.8122	0.0480	0.0193	16	1.52	4%	0
032.42	Potassium, ICP, Open vessel (%)	0263	0.9225	0.0030	0.8122	0.0480	0.0193	16	2.30	7%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.9250	0.0100	0.8122	0.0480	0.0193	16	2.35	7%	0
032.43	Potassium, ICP, Microwave (%)	0425	0.7450	0.0700	0.8139	0.0474	0.0189	19	-1.45	4%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.7450	0.0100	0.8139	0.0474	0.0189	19	-1.45	4%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.7590	0.0300	0.8139	0.0474	0.0189	19	-1.16	3%	0
032.43	Potassium, ICP, Microwave (%)	2033	0.7800	0.0200	0.8139	0.0474	0.0189	19	-0.72	2%	0
032.43	Potassium, ICP, Microwave (%)	0083	0.7850	0.0100	0.8139	0.0474	0.0189	19	-0.61	2%	0
032.43	Potassium, ICP, Microwave (%)	0038	0.7880	0.0420	0.8139	0.0474	0.0189	19	-0.55	2%	0
032.43	Potassium, ICP, Microwave (%)	0870	0.7991	0.0137	0.8139	0.0474	0.0189	19	-0.31	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.8000	0.0000	0.8139	0.0474	0.0189	19	-0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.8040	0.0020	0.8139	0.0474	0.0189	19	-0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.8150	0.0100	0.8139	0.0474	0.0189	19	0.02	0%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.8150	0.0100	0.8139	0.0474	0.0189	19	0.02	0%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.8260	0.0020	0.8139	0.0474	0.0189	19	0.25	1%	0
032.43	Potassium, ICP, Microwave (%)	0089	0.8400	0.0000	0.8139	0.0474	0.0189	19	0.55	2%	0
032.43	Potassium, ICP, Microwave (%)	0407	0.8422	0.0358	0.8139	0.0474	0.0189	19	0.60	2%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.8450	0.0500	0.8139	0.0474	0.0189	19	0.66	2%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.8500	0.0200	0.8139	0.0474	0.0189	19	0.76	2%	0
032.43	Potassium, ICP, Microwave (%)	0202	0.8560	0.0000	0.8139	0.0474	0.0189	19	0.89	3%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.8910	0.0331	0.8139	0.0474	0.0189	19	1.62	5%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.9000	0.0000	0.8139	0.0474	0.0189	19	1.82	5%	0
032.44	Potassium, ICP, Dry ash (%)	0164	0.8105	0.0010				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.7785	0.0130				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0560	0.7847	0.0753				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	0.7886	0.0207				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.7730	0.0480				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.8200	0.0400				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	0.8490	0.0300				3			0
032.99	Potassium, Miscellaneous (%)	0590	0.7650	0.0300	0.7813	0.0144	0.0175	4			0
032.99	Potassium, Miscellaneous (%)	0100	0.7800	0.0200	0.7813	0.0144	0.0175	4			0
032.99	Potassium, Miscellaneous (%)	2302	0.7800	0.0000	0.7813	0.0144	0.0175	4			0
032.99	Potassium, Miscellaneous (%)	0242	0.8000	0.0200	0.7813	0.0144	0.0175	4			0
033.00	Salt as chloride, Sol Cl (%)	2246	0.9150	0.0900	1.097	0.0671	0.0208	22	-2.71	8%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.9500	0.0200	1.097	0.0671	0.0208	22	-2.19	7%	0
033.00	Salt as chloride, Sol Cl (%)	0893	1.000	0.0000	1.097	0.0671	0.0208	22	-1.44	4%	0
033.00	Salt as chloride, Sol Cl (%)	2295	1.015	0.0100	1.097	0.0671	0.0208	22	-1.22	4%	0
033.00	Salt as chloride, Sol Cl (%)	0171	1.060	0.0000	1.097	0.0671	0.0208	22	-0.55	2%	0
033.00	Salt as chloride, Sol Cl (%)	0539	1.060	0.0200	1.097	0.0671	0.0208	22	-0.55	2%	0
033.00	Salt as chloride, Sol Cl (%)	0897	1.060	0.0200	1.097	0.0671	0.0208	22	-0.55	2%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.069	0.0001	1.097	0.0671	0.0208	22	-0.41	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	R-bar	# Labs	Z Score	%RSD	
033.00	Salt as chloride, Sol Cl (%)	2076	1.080	0.1000	1.097	0.0671	0.0208	22	-0.25	1%	0
033.00	Salt as chloride, Sol Cl (%)	2022	1.090	0.0000	1.097	0.0671	0.0208	22	-0.10	0%	0
033.00	Salt as chloride, Sol Cl (%)	2146	1.110	0.0000	1.097	0.0671	0.0208	22	0.20	1%	0
033.00	Salt as chloride, Sol Cl (%)	2062	1.115	0.0117	1.097	0.0671	0.0208	22	0.27	1%	0
033.00	Salt as chloride, Sol Cl (%)	0123	1.119	0.0040	1.097	0.0671	0.0208	22	0.33	1%	0
033.00	Salt as chloride, Sol Cl (%)	2196	1.120	0.0000	1.097	0.0671	0.0208	22	0.35	1%	0
033.00	Salt as chloride, Sol Cl (%)	0881	1.123	0.0170	1.097	0.0671	0.0208	22	0.38	1%	0
033.00	Salt as chloride, Sol Cl (%)	0885	1.135	0.0022	1.097	0.0671	0.0208	22	0.58	2%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.145	0.0300	1.097	0.0671	0.0208	22	0.72	2%	0
033.00	Salt as chloride, Sol Cl (%)	0878	1.145	0.0100	1.097	0.0671	0.0208	22	0.72	2%	0
033.00	Salt as chloride, Sol Cl (%)	0298	1.160	0.0200	1.097	0.0671	0.0208	22	0.94	3%	0
033.00	Salt as chloride, Sol Cl (%)	0169	1.165	0.0100	1.097	0.0671	0.0208	22	1.02	3%	0
033.00	Salt as chloride, Sol Cl (%)	0309	1.167	0.0209	1.097	0.0671	0.0208	22	1.04	3%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.223	0.0710	1.097	0.0671	0.0208	22	1.88	6%	0
033.00	Salt as chloride, Sol Cl (%)	0675	1.285	0.1300	1.097	0.0671	0.0208	22	2.81	9%	1
033.01	Salt as chloride, Poten Cl (%)	2109	0.9550	0.0440	1.148	0.0238	0.0132	26	-8.14	8%	0
033.01	Salt as chloride, Poten Cl (%)	0619	1.085	0.0100	1.148	0.0238	0.0132	26	-2.67	3%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.110	0.0000	1.148	0.0238	0.0132	26	-1.62	2%	0
033.01	Salt as chloride, Poten Cl (%)	0425	1.120	0.0000	1.148	0.0238	0.0132	26	-1.20	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.130	0.0000	1.148	0.0238	0.0132	26	-0.78	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.130	0.0200	1.148	0.0238	0.0132	26	-0.78	1%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.135	0.0100	1.148	0.0238	0.0132	26	-0.57	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	1.140	0.0000	1.148	0.0238	0.0132	26	-0.36	0%	0
033.01	Salt as chloride, Poten Cl (%)	0939	1.140	0.0200	1.148	0.0238	0.0132	26	-0.36	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	1.145	0.0100	1.148	0.0238	0.0132	26	-0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	1.150	0.0200	1.148	0.0238	0.0132	26	0.07	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	1.150	0.0200	1.148	0.0238	0.0132	26	0.07	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.150	0.0200	1.148	0.0238	0.0132	26	0.07	0%	0
033.01	Salt as chloride, Poten Cl (%)	2146	1.150	0.0000	1.148	0.0238	0.0132	26	0.07	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.152	0.0170	1.148	0.0238	0.0132	26	0.13	0%	0
033.01	Salt as chloride, Poten Cl (%)	0964	1.153	0.0550	1.148	0.0238	0.0132	26	0.17	0%	0
033.01	Salt as chloride, Poten Cl (%)	0004	1.155	0.0100	1.148	0.0238	0.0132	26	0.28	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.155	0.0100	1.148	0.0238	0.0132	26	0.28	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.155	0.0300	1.148	0.0238	0.0132	26	0.28	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.155	0.0100	1.148	0.0238	0.0132	26	0.28	0%	0
033.01	Salt as chloride, Poten Cl (%)	0175	1.160	0.0000	1.148	0.0238	0.0132	26	0.49	1%	0
033.01	Salt as chloride, Poten Cl (%)	0590	1.165	0.0100	1.148	0.0238	0.0132	26	0.70	1%	0
033.01	Salt as chloride, Poten Cl (%)	0019	1.180	0.0000	1.148	0.0238	0.0132	26	1.33	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	1.225	0.0100	1.148	0.0238	0.0132	26	3.22	3%	0
033.01	Salt as chloride, Poten Cl (%)	0186	1.228	0.0160	1.148	0.0238	0.0132	26	3.35	3%	0
033.01	Salt as chloride, Poten Cl (%)	2268	1.290	0.0000	1.148	0.0238	0.0132	26	5.96	6%	0
033.01	Salt as chloride, Poten Cl (%)	0003	1.150	0.1000	1.148	0.0238	0.0132	26	0.07	0%	1

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	R-bar	# Labs			
033.01	Salt as chloride, Poten Cl (%)	0148	1.905	0.0100	1.148	0.0238	0.0132	26	31.84	33%	2
033.03	Salt as chloride, Quantab (%)	0505	0.9400	0.0400	1.066	0.1677	0.0175	4			0
033.03	Salt as chloride, Quantab (%)	0265	0.9750	0.0300	1.066	0.1677	0.0175	4			0
033.03	Salt as chloride, Quantab (%)	0190	1.040	0.0000	1.066	0.1677	0.0175	4			0
033.03	Salt as chloride, Quantab (%)	0144	1.310	0.0000	1.066	0.1677	0.0175	4			0
033.03	Salt as chloride, Quantab (%)	0726	0.8200	0.1200	1.066	0.1677	0.0175	4			1
033.05	Salt as chloride, Ion Sel Electrode (%)	0904	0.6676	0.0121				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.145	0.0100				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0868	1.150	0.0200				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	1.507	0.2050				3			1
033.99	Salt, Miscellaneous (%)	2246	0.5600	0.0000	0.9355	0.2077	0.0300	8	-1.81	20%	0
033.99	Salt, Miscellaneous (%)	0536	0.7150	0.0100	0.9355	0.2077	0.0300	8	-1.06	12%	0
033.99	Salt, Miscellaneous (%)	2234	0.8900	0.0600	0.9355	0.2077	0.0300	8	-0.22	2%	0
033.99	Salt, Miscellaneous (%)	0358	0.9300	0.0400	0.9355	0.2077	0.0300	8	-0.03	0%	0
033.99	Salt, Miscellaneous (%)	2181	1.050	0.0800	0.9355	0.2077	0.0300	8	0.55	6%	0
033.99	Salt, Miscellaneous (%)	2073	1.070	0.0000	0.9355	0.2077	0.0300	8	0.65	7%	0
033.99	Salt, Miscellaneous (%)	0910	1.095	0.0500	0.9355	0.2077	0.0300	8	0.77	9%	0
033.99	Salt, Miscellaneous (%)	0682	1.110	0.0000	0.9355	0.2077	0.0300	8	0.84	9%	0
033.99	Salt, Miscellaneous (%)	2129	1.059	0.2327	0.9355	0.2077	0.0300	8	0.60	7%	1
034.04	Selenium, AA, Hydride (ppm)	0045	0.9700	0.0020				3			0
034.04	Selenium, AA, Hydride (ppm)	0171	1.116	0.0030				3			0
034.04	Selenium, AA, Hydride (ppm)	0169	1.255	0.0100				3			0
034.04	Selenium, AA, Hydride (ppm)	0563	1.167	0.0411				3			1
034.41	Selenium, ICP, Dry ash (ppm)	0619	0.9460	0.0400				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0407	1.015	0.0900				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0148	1.059	0.1430				3			0
034.42	Selenium, ICP, Open vessel (ppm)	0692	0.7500	0.0000				1			0
034.43	Selenium, ICP, Microwave (ppm)	0066	0.3200	0.0200	1.257	0.4561	0.1278	6	-2.05	37%	0
034.43	Selenium, ICP, Microwave (ppm)	2234	1.175	0.3900	1.257	0.4561	0.1278	6	-0.18	3%	0
034.43	Selenium, ICP, Microwave (ppm)	0682	1.200	0.0000	1.257	0.4561	0.1278	6	-0.12	2%	0
034.43	Selenium, ICP, Microwave (ppm)	0964	1.275	0.0200	1.257	0.4561	0.1278	6	0.04	1%	0
034.43	Selenium, ICP, Microwave (ppm)	0968	1.605	0.0070	1.257	0.4561	0.1278	6	0.76	14%	0
034.43	Selenium, ICP, Microwave (ppm)	0407	1.715	0.3300	1.257	0.4561	0.1278	6	1.00	18%	0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0047	1.045	0.0300				3			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0910	1.155	0.0300				3			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0186	1.228	0.0220				3			0
034.53	Selenium, ICP-MS, Microwave (ppm)	0164	1.030	0.1010	1.218	0.1460	0.0701	7	-1.29	8%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0914	1.086	0.0750	1.218	0.1460	0.0701	7	-0.91	5%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0553	1.150	0.0200	1.218	0.1460	0.0701	7	-0.47	3%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0560	1.268	0.0960	1.218	0.1460	0.0701	7	0.34	2%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0939	1.310	0.0400	1.218	0.1460	0.0701	7	0.63	4%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0918	1.339	0.0688	1.218	0.1460	0.0701	7	0.83	5%	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	R-bar	# Labs			
034.53	Selenium, ICP-MS, Microwave (ppm)	2033	1.345	0.0900	1.218	0.1460	0.0701	7	0.87	5%	0
034.99	Selenium, Miscellaneous (ppm)	0190	2.605	0.0100				2			0
034.99	Selenium, Miscellaneous (ppm)	2302	361.0	0.0000				2			0
035.01	Sodium, Ion-selective electrode (%)	0868	0.3995	0.0030				1			0
035.05	Sodium, Flame Emission (%)	0108	0.4300	0.0000				1			0
035.31	Sodium, AAS, Dry ash (%)	0683	0.3750	0.0100	0.4003	0.0162	0.0045	11	-1.56	3%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.3850	0.0100	0.4003	0.0162	0.0045	11	-0.94	2%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.3896	0.0052	0.4003	0.0162	0.0045	11	-0.66	1%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.3900	0.0000	0.4003	0.0162	0.0045	11	-0.64	1%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.4000	0.0000	0.4003	0.0162	0.0045	11	-0.02	0%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.4012	0.0024	0.4003	0.0162	0.0045	11	0.05	0%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.4020	0.0080	0.4003	0.0162	0.0045	11	0.10	0%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.4100	0.0040	0.4003	0.0162	0.0045	11	0.60	1%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.4100	0.0000	0.4003	0.0162	0.0045	11	0.60	1%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.4150	0.0100	0.4003	0.0162	0.0045	11	0.90	2%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.4600	0.0000	0.4003	0.0162	0.0045	11	3.68	7%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.3950	0.0300	0.4003	0.0162	0.0045	11	-0.33	1%	1
035.32	Sodium, AAS, Open vessel (%)	0169	0.4150	0.0300				1			0
035.41	Sodium, ICP, Dry ash (%)	0358	0.3650	0.0100	0.4089	0.0289	0.0096	20	-1.52	5%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.3700	0.0000	0.4089	0.0289	0.0096	20	-1.34	5%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.3750	0.0100	0.4089	0.0289	0.0096	20	-1.17	4%	0
035.41	Sodium, ICP, Dry ash (%)	2259	0.3825	0.0270	0.4089	0.0289	0.0096	20	-0.91	3%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.3900	0.0200	0.4089	0.0289	0.0096	20	-0.65	2%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.3900	0.0200	0.4089	0.0289	0.0096	20	-0.65	2%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.3950	0.0100	0.4089	0.0289	0.0096	20	-0.48	2%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.3995	0.0110	0.4089	0.0289	0.0096	20	-0.32	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.4050	0.0100	0.4089	0.0289	0.0096	20	-0.13	0%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.4050	0.0100	0.4089	0.0289	0.0096	20	-0.13	0%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.4100	0.0000	0.4089	0.0289	0.0096	20	0.04	0%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.4150	0.0100	0.4089	0.0289	0.0096	20	0.21	1%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.4232	0.0008	0.4089	0.0289	0.0096	20	0.50	2%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.4240	0.0040	0.4089	0.0289	0.0096	20	0.52	2%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.4255	0.0030	0.4089	0.0289	0.0096	20	0.58	2%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.4275	0.0008	0.4089	0.0289	0.0096	20	0.64	2%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.4350	0.0100	0.4089	0.0289	0.0096	20	0.90	3%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.4425	0.0044	0.4089	0.0289	0.0096	20	1.16	4%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.4450	0.0300	0.4089	0.0289	0.0096	20	1.25	4%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.4800	0.0000	0.4089	0.0289	0.0096	20	2.46	9%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.3650	0.0100	0.4080	0.0273	0.0074	14	-1.58	5%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.3728	0.0005	0.4080	0.0273	0.0074	14	-1.29	4%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.3900	0.0200	0.4080	0.0273	0.0074	14	-0.66	2%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.3922	0.0229	0.4080	0.0273	0.0074	14	-0.58	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	R-bar	# Labs	Z Score	%RSD	
035.42	Sodium, ICP, Open vessel (%)	0035	0.3950	0.0100	0.4080	0.0273	0.0074	14	-0.48	2%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.3985	0.0110	0.4080	0.0273	0.0074	14	-0.35	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.4035	0.0010	0.4080	0.0273	0.0074	14	-0.17	1%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.4100	0.0000	0.4080	0.0273	0.0074	14	0.07	0%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.4140	0.0020	0.4080	0.0273	0.0074	14	0.22	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.4250	0.0100	0.4080	0.0273	0.0074	14	0.62	2%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.4260	0.0020	0.4080	0.0273	0.0074	14	0.66	2%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.4300	0.0000	0.4080	0.0273	0.0074	14	0.81	3%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.4433	0.0037	0.4080	0.0273	0.0074	14	1.29	4%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.4450	0.0100	0.4080	0.0273	0.0074	14	1.36	5%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.4220	0.0420	0.4080	0.0273	0.0074	14	0.51	2%	1
035.43	Sodium, ICP, Microwave (%)	0675	0.3750	0.0100	0.4195	0.0226	0.0090	19	-1.97	5%	0
035.43	Sodium, ICP, Microwave (%)	2192	0.3950	0.0100	0.4195	0.0226	0.0090	19	-1.08	3%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.4000	0.0000	0.4195	0.0226	0.0090	19	-0.86	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.4025	0.0090	0.4195	0.0226	0.0090	19	-0.75	2%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.4050	0.0100	0.4195	0.0226	0.0090	19	-0.64	2%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.4055	0.0010	0.4195	0.0226	0.0090	19	-0.62	2%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.4100	0.0000	0.4195	0.0226	0.0090	19	-0.42	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.4100	0.0000	0.4195	0.0226	0.0090	19	-0.42	1%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.4108	0.0007	0.4195	0.0226	0.0090	19	-0.39	1%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.4139	0.0214	0.4195	0.0226	0.0090	19	-0.25	1%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.4140	0.0124	0.4195	0.0226	0.0090	19	-0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.4250	0.0100	0.4195	0.0226	0.0090	19	0.25	1%	0
035.43	Sodium, ICP, Microwave (%)	0881	0.4285	0.0150	0.4195	0.0226	0.0090	19	0.40	1%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.4348	0.0155	0.4195	0.0226	0.0090	19	0.68	2%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.4390	0.0000	0.4195	0.0226	0.0090	19	0.86	2%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.4400	0.0000	0.4195	0.0226	0.0090	19	0.91	2%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.4450	0.0100	0.4195	0.0226	0.0090	19	1.13	3%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.4520	0.0186	0.4195	0.0226	0.0090	19	1.44	4%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.4920	0.0280	0.4195	0.0226	0.0090	19	3.21	9%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0560	0.3956	0.0114				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.4128	0.0002				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.4136	0.0043				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.4100	0.0220				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.4150	0.0500				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.4215	0.0190				3			0
035.99	Sodium, Miscellaneous (%)	2302	0.2100	0.0000	0.3638	0.1038	0.0125	4			0
035.99	Sodium, Miscellaneous (%)	0242	0.3950	0.0100	0.3638	0.1038	0.0125	4			0
035.99	Sodium, Miscellaneous (%)	0100	0.4150	0.0100	0.3638	0.1038	0.0125	4			0
035.99	Sodium, Miscellaneous (%)	0590	0.4350	0.0300	0.3638	0.1038	0.0125	4			0
036.04	Sulfur, LECO (%)	0226	0.2600	0.0000				3			0
036.04	Sulfur, LECO (%)	0148	0.2800	0.0000				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	R-bar	# Labs			
036.04	Sulfur, LECO (%)	0229	0.4550	0.0300				3			0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.2184	0.0103	0.2856	0.0170	0.0078	20	-3.95	12%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.2600	0.0200	0.2856	0.0170	0.0078	20	-1.50	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.2640	0.0060	0.2856	0.0170	0.0078	20	-1.27	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.2672	0.0023	0.2856	0.0170	0.0078	20	-1.08	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.2750	0.0140	0.2856	0.0170	0.0078	20	-0.62	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.2750	0.0100	0.2856	0.0170	0.0078	20	-0.62	2%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.2757	0.0052	0.2856	0.0170	0.0078	20	-0.58	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.2850	0.0100	0.2856	0.0170	0.0078	20	-0.03	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.2850	0.0100	0.2856	0.0170	0.0078	20	-0.03	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.2890	0.0074	0.2856	0.0170	0.0078	20	0.20	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.2900	0.0000	0.2856	0.0170	0.0078	20	0.26	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0229	0.2900	0.0000	0.2856	0.0170	0.0078	20	0.26	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.2900	0.0000	0.2856	0.0170	0.0078	20	0.26	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.2950	0.0100	0.2856	0.0170	0.0078	20	0.55	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.2970	0.0020	0.2856	0.0170	0.0078	20	0.67	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.2990	0.0000	0.2856	0.0170	0.0078	20	0.79	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.2991	0.0183	0.2856	0.0170	0.0078	20	0.79	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.3000	0.0200	0.2856	0.0170	0.0078	20	0.85	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.3055	0.0110	0.2856	0.0170	0.0078	20	1.17	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.3100	0.0000	0.2856	0.0170	0.0078	20	1.43	4%	0
036.43	Sulfur, ICP, Microwave (%)	2033	0.2300	0.0000	0.2868	0.0220	0.0092	14	-2.59	10%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.2631	0.0115	0.2868	0.0220	0.0092	14	-1.08	4%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.2700	0.0200	0.2868	0.0220	0.0092	14	-0.77	3%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.2736	0.0020	0.2868	0.0220	0.0092	14	-0.60	2%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.2800	0.0200	0.2868	0.0220	0.0092	14	-0.31	1%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.2800	0.0200	0.2868	0.0220	0.0092	14	-0.31	1%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.2850	0.0100	0.2868	0.0220	0.0092	14	-0.08	0%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.2850	0.0100	0.2868	0.0220	0.0092	14	-0.08	0%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.2895	0.0030	0.2868	0.0220	0.0092	14	0.12	0%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.2935	0.0030	0.2868	0.0220	0.0092	14	0.30	1%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.2975	0.0150	0.2868	0.0220	0.0092	14	0.49	2%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.3050	0.0080	0.2868	0.0220	0.0092	14	0.83	3%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.3300	0.0000	0.2868	0.0220	0.0092	14	1.97	8%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.3326	0.0060	0.2868	0.0220	0.0092	14	2.09	8%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.2723	0.0315				3			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.2925	0.0005				3			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0560	0.3069	0.0352				3			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.2845	0.0370				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.2700	0.0200				1			0
037.31	Zinc, AAS, Dry ash (ppm)	0921	353.0	6.000	381.1	17.36	4.682	12	-1.62	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	0175	362.0	8.000	381.1	17.36	4.682	12	-1.10	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	R-bar	# Labs			
037.31	Zinc, AAS, Dry ash (ppm)	0529	365.7	8.300	381.1	17.36	4.682	12	-0.89	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	378.4	9.300	381.1	17.36	4.682	12	-0.16	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	379.1	3.918	381.1	17.36	4.682	12	-0.11	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	379.3	0.7200	381.1	17.36	4.682	12	-0.10	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0536	380.8	0.2000	381.1	17.36	4.682	12	-0.01	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	383.2	16.20	381.1	17.36	4.682	12	0.12	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	386.1	0.0000	381.1	17.36	4.682	12	0.29	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0868	395.5	1.000	381.1	17.36	4.682	12	0.83	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	401.9	2.540	381.1	17.36	4.682	12	1.20	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0656	405.8	0.0000	381.1	17.36	4.682	12	1.43	3%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	369.5	61.00				1			0
037.33	Zinc, AAS, Microwave (ppm)	0948	377.4	3.170				3			0
037.33	Zinc, AAS, Microwave (ppm)	0010	405.0	10.00				3			0
037.33	Zinc, AAS, Microwave (ppm)	0904	439.0	27.05				3			0
037.41	Zinc, ICP, Dry ash (ppm)	0354	345.7	2.230	390.7	22.11	12.26	18	-2.03	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	346.5	2.367	390.7	22.11	12.26	18	-2.00	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	355.0	28.00	390.7	22.11	12.26	18	-1.61	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	2012	376.6	0.7000	390.7	22.11	12.26	18	-0.64	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	381.4	32.03	390.7	22.11	12.26	18	-0.42	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	382.5	3.000	390.7	22.11	12.26	18	-0.37	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0074	384.5	21.00	390.7	22.11	12.26	18	-0.28	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	384.8	61.74	390.7	22.11	12.26	18	-0.27	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	393.0	6.000	390.7	22.11	12.26	18	0.10	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0878	396.0	2.000	390.7	22.11	12.26	18	0.24	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	396.3	4.715	390.7	22.11	12.26	18	0.25	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0003	402.0	20.00	390.7	22.11	12.26	18	0.51	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	402.7	16.00	390.7	22.11	12.26	18	0.54	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	404.0	0.1000	390.7	22.11	12.26	18	0.60	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	411.0	2.000	390.7	22.11	12.26	18	0.92	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	411.9	1.720	390.7	22.11	12.26	18	0.96	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	416.3	14.32	390.7	22.11	12.26	18	1.16	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	417.3	2.800	390.7	22.11	12.26	18	1.20	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	17,893	35,032	390.7	22.11	12.26	18	791.50	2240%	2
037.42	Zinc, ICP, Open vessel (ppm)	2129	337.6	27.90	381.2	34.99	12.33	15	-1.25	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	345.6	5.270	381.2	34.99	12.33	15	-1.02	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	355.1	0.7000	381.2	34.99	12.33	15	-0.75	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	359.4	4.500	381.2	34.99	12.33	15	-0.62	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	360.7	10.39	381.2	34.99	12.33	15	-0.58	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	361.0	22.00	381.2	34.99	12.33	15	-0.58	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	371.5	10.55	381.2	34.99	12.33	15	-0.28	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	372.0	10.00	381.2	34.99	12.33	15	-0.26	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	374.5	41.00	381.2	34.99	12.33	15	-0.19	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	R-bar	# Labs	Z Score	%RSD	
037.42	Zinc, ICP, Open vessel (ppm)	0263	378.0	1.797	381.2	34.99	12.33	15	-0.09	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	413.6	0.0000	381.2	34.99	12.33	15	0.93	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	416.5	39.00	381.2	34.99	12.33	15	1.01	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	417.9	4.100	381.2	34.99	12.33	15	1.05	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0035	420.5	1.000	381.2	34.99	12.33	15	1.12	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	464.7	6.800	381.2	34.99	12.33	15	2.39	11%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	359.5	73.00	381.2	34.99	12.33	15	-0.62	3%	1
037.43	Zinc, ICP, Microwave (ppm)	0675	350.2	0.1200	396.7	26.44	9.416	21	-1.76	6%	0
037.43	Zinc, ICP, Microwave (ppm)	2234	364.0	10.57	396.7	26.44	9.416	21	-1.24	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	374.8	4.610	396.7	26.44	9.416	21	-0.83	3%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	377.5	29.65	396.7	26.44	9.416	21	-0.73	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	377.9	2.700	396.7	26.44	9.416	21	-0.71	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	378.5	17.00	396.7	26.44	9.416	21	-0.69	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	378.6	9.500	396.7	26.44	9.416	21	-0.69	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	380.5	7.000	396.7	26.44	9.416	21	-0.61	2%	0
037.43	Zinc, ICP, Microwave (ppm)	2033	384.3	1.000	396.7	26.44	9.416	21	-0.47	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	388.3	0.0000	396.7	26.44	9.416	21	-0.32	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	396.0	2.000	396.7	26.44	9.416	21	-0.03	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	400.0	20.00	396.7	26.44	9.416	21	0.12	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	400.0	0.0000	396.7	26.44	9.416	21	0.12	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	405.2	13.00	396.7	26.44	9.416	21	0.32	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	410.4	16.70	396.7	26.44	9.416	21	0.51	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	417.7	11.20	396.7	26.44	9.416	21	0.79	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	421.5	15.00	396.7	26.44	9.416	21	0.94	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	422.0	16.00	396.7	26.44	9.416	21	0.96	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	426.1	4.489	396.7	26.44	9.416	21	1.11	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0038	435.0	6.000	396.7	26.44	9.416	21	1.45	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0914	448.2	11.20	396.7	26.44	9.416	21	1.95	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0425	400.2	45.40	396.7	26.44	9.416	21	0.13	0%	1
037.44	Zinc, ICP, Dry ash (ppm)	0066	358.7	8.770				3			0
037.44	Zinc, ICP, Dry ash (ppm)	2152	373.4	0.6200				3			0
037.44	Zinc, ICP, Dry ash (ppm)	0164	389.0	4.000				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	275.6	7.500				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0560	386.5	41.40				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	404.0	26.00				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0572	381.0	10.00				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	387.5	7.000				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	423.5	29.00				3			0
037.99	Zinc, Miscellaneous (ppm)	2302	361.0	0.0000	404.0	32.52	8.792	5			0
037.99	Zinc, Miscellaneous (ppm)	0242	383.5	25.00	404.0	32.52	8.792	5			0
037.99	Zinc, Miscellaneous (ppm)	2144	408.7	6.960	404.0	32.52	8.792	5			0
037.99	Zinc, Miscellaneous (ppm)	0590	423.5	5.000	404.0	32.52	8.792	5			0

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037.99	Zinc, Miscellaneous (ppm)	0100	443.5	7.000	404.0	32.52	8.792	5		0	
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	0.8130	0.0080				3		0	
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.044	0.0429				3		0	
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.110	0.0400				3		0	
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	0.9450	0.0900	1.560	0.6782	0.2353	4		0	
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	1.130	0.1610	1.560	0.6782	0.2353	4		0	
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	1.715	0.1900	1.560	0.6782	0.2353	4		0	
038.42	Molybdenum, ICP, Open vessel (ppm)	0265	2.450	0.5000	1.560	0.6782	0.2353	4		0	
038.43	Molybdenum, ICP, Microwave (ppm)	0353	0.7245	0.0279	1.078	0.2781	0.0427	8	-1.27	16%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	0.8700	0.0200	1.078	0.2781	0.0427	8	-0.75	10%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	0.9200	0.0600	1.078	0.2781	0.0427	8	-0.57	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	1.070	0.0437	1.078	0.2781	0.0427	8	-0.03	0%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	1.110	0.0400	1.078	0.2781	0.0427	8	0.11	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	2033	1.135	0.0500	1.078	0.2781	0.0427	8	0.20	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.300	0.0000	1.078	0.2781	0.0427	8	0.80	10%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	1.550	0.1000	1.078	0.2781	0.0427	8	1.70	22%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0910	1.040	0.1000				1		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0918	1.111	0.0410	1.155	0.0318	0.0303	4		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	1.155	0.0300	1.155	0.0318	0.0303	4		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0939	1.170	0.0400	1.155	0.0318	0.0303	4		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	1.185	0.0100	1.155	0.0318	0.0303	4		0	
040.52	Barium, ICP-MS, Open vessel (ppm)	0560	8.445	0.2100				1		0	
040.53	Barium, ICP-MS, Microwave (ppm)	0918	8.020	0.0981				1		0	
041.43	Vanadium, ICP, Microwave (ppm)	2033	1.455	0.0500				1		0	
041.53	Vanadium, ICP-MS, Microwave (ppm)	0553	1.310	0.0200				1		0	
042.00	Chloride, Titrimetric (%)	0619	0.6560	0.0080				2		0	
042.00	Chloride, Titrimetric (%)	0948	0.6990	0.0120				2		0	
042.99	Chloride, Miscellaneous (%)	0297	0.7150	0.0100				1		0	
101.01	Choline Chloride, Chem (ppm)	0171	1,883	47.00				1		0	
101.02	Choline Chloride, LC (ppm)	0904	1,589	241.0				1		0	
101.99	Choline Chloride, Miscellaneous (ppm)	0227	2,630	120.0				1		0	
102.01	Niacin, Microbiological (ppm)	0227	83.00	3.000				1		0	
102.02	Niacin, LC (ppm)	0010	38.90	1.600				1		0	
102.99	Niacin, Miscellaneous (ppm)	0160	34.45	7.500				2		0	
102.99	Niacin, Miscellaneous (ppm)	0904	53.71	4.580				2		0	
103.01	Pantothenic Acid, Microbiological (ppm)	0227	29.85	2.300				1		0	
103.02	Pantothenic Acid, LC (ppm)	0010	35.10	3.600				1		0	
103.99	Pantothenic Acid, Miscellaneous (ppm)	0160	111.1	19.50				1		0	
104.00	Riboflavin, Fluorometric (ppm)	0227	10.70	0.0000				1		0	
104.03	Riboflavin, LC (ppm)	0910	6.150	0.1000	9.167	1.770	1.322	5		0	
104.03	Riboflavin, LC (ppm)	0027	9.392	1.058	9.167	1.770	1.322	5		0	
104.03	Riboflavin, LC (ppm)	2192	9.400	3.000	9.167	1.770	1.322	5		0	

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104.03	Riboflavin, LC (ppm)	0939	10.30	0.2500	9.167	1.770	1.322	5		0	
104.03	Riboflavin, LC (ppm)	0010	10.60	2.200	9.167	1.770	1.322	5		0	
104.99	Riboflavin, Miscellaneous (ppm)	0160	5.180	0.1200				2		0	
104.99	Riboflavin, Miscellaneous (ppm)	0904	10.38	2.270				2		0	
105.00	Thiamine, LC (ppm)	0910	2.110	0.0800				2		0	
105.00	Thiamine, LC (ppm)	0939	2.895	0.0500				2		0	
105.01	Thiamine, Fluorometer (ppm)	0227	2.825	0.0700				1		0	
106.00	Vitamin A, Color (KU / kg)	0227	1.011	0.0990				1		0	
106.01	Vitamin A, UV (KU / kg)	0098	3.715	4.750				1		0	
106.02	Vitamin A, LC (KU / kg)	0905	0.7470	0.0280	2.834	2.638	0.8980	14	-0.79	37%	0
106.02	Vitamin A, LC (KU / kg)	0875	0.7600	0.0800	2.834	2.638	0.8980	14	-0.79	37%	0
106.02	Vitamin A, LC (KU / kg)	0676	0.7950	0.0300	2.834	2.638	0.8980	14	-0.77	36%	0
106.02	Vitamin A, LC (KU / kg)	0148	1.310	0.0400	2.834	2.638	0.8980	14	-0.58	27%	0
106.02	Vitamin A, LC (KU / kg)	0689	1.350	0.1000	2.834	2.638	0.8980	14	-0.56	26%	0
106.02	Vitamin A, LC (KU / kg)	0004	1.410	0.2600	2.834	2.638	0.8980	14	-0.54	25%	0
106.02	Vitamin A, LC (KU / kg)	0910	1.700	0.0000	2.834	2.638	0.8980	14	-0.43	20%	0
106.02	Vitamin A, LC (KU / kg)	0010	1.840	0.5200	2.834	2.638	0.8980	14	-0.38	18%	0
106.02	Vitamin A, LC (KU / kg)	0036	2.600	1.200	2.834	2.638	0.8980	14	-0.09	4%	0
106.02	Vitamin A, LC (KU / kg)	0038	2.660	0.4000	2.834	2.638	0.8980	14	-0.07	3%	0
106.02	Vitamin A, LC (KU / kg)	0619	4.125	0.1900	2.834	2.638	0.8980	14	0.49	23%	0
106.02	Vitamin A, LC (KU / kg)	0027	7.696	2.247	2.834	2.638	0.8980	14	1.84	86%	0
106.02	Vitamin A, LC (KU / kg)	0675	12.03	3.610	2.834	2.638	0.8980	14	3.48	162%	0
106.02	Vitamin A, LC (KU / kg)	0914	15.83	3.867	2.834	2.638	0.8980	14	4.93	229%	0
106.02	Vitamin A, LC (KU / kg)	2319	< 4		2.834	2.638	0.8980	14			5
107.00	Vitamin B12, Microbiological (ppb)	0227	12.20	0.8000				1		0	
107.99	Vitamin B12, Miscellaneous (ppb)	0160	40.30	8.000				1		0	
108.02	Vitamin D3, LC (KU / kg)	0227	0.3655	0.0010				2		0	
108.02	Vitamin D3, LC (KU / kg)	0675	2.140	0.3400				2		0	
108.02	Vitamin D3, LC (KU / kg)	2319	< 0.4					2		5	
108.02	Vitamin D3, LC (KU / kg)	0910	< 0.5					2		5	
108.99	Vitamin D3, Miscellaneous (KU / kg)	0619	0.2950	0.0100				2		0	
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	0.8720	0.2180				2		0	
108.99	Vitamin D3, Miscellaneous (KU / kg)	0904	< 0.5					2		5	
109.02	Vitamin E, LC (IU / kg)	0619	31.00	2.000	42.43	9.152	2.248	10	-1.25	13%	0
109.02	Vitamin E, LC (IU / kg)	0905	34.50	3.000	42.43	9.152	2.248	10	-0.87	9%	0
109.02	Vitamin E, LC (IU / kg)	0910	37.10	2.200	42.43	9.152	2.248	10	-0.58	6%	0
109.02	Vitamin E, LC (IU / kg)	0676	38.98	0.1900	42.43	9.152	2.248	10	-0.38	4%	0
109.02	Vitamin E, LC (IU / kg)	2103	39.00	6.000	42.43	9.152	2.248	10	-0.37	4%	0
109.02	Vitamin E, LC (IU / kg)	0227	43.45	3.100	42.43	9.152	2.248	10	0.11	1%	0
109.02	Vitamin E, LC (IU / kg)	0036	44.65	0.9000	42.43	9.152	2.248	10	0.24	3%	0
109.02	Vitamin E, LC (IU / kg)	0148	45.30	3.700	42.43	9.152	2.248	10	0.31	3%	0
109.02	Vitamin E, LC (IU / kg)	0563	54.17	0.3799	42.43	9.152	2.248	10	1.28	14%	0

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109.02	Vitamin E, LC (IU / kg)	0675	85.24	1.010	42.43	9.152	2.248	10	4.68	50%	0
109.02	Vitamin E, LC (IU / kg)	0098	45.90	13.80	42.43	9.152	2.248	10	0.38	4%	1
109.99	Vitamin E, Miscellaneous (IU / kg)	0904	34.62	5.730				2			0
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	38.00	10.00				2			0
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 0.044					0			5
112.01	Pyridoxine, LC (µg / g)	0227	2.690	0.0400				1			0
113.01	Folic Acid, Micro (ppm)	0227	0.6835	0.0670				1			0
114.01	Biotin, Microbiological (ppm)	0227	0.2460	0.0100				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	7.555	4.590				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.7150	0.0100	0.7960	0.0219	0.0135	19	-3.70	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.7550	0.0500	0.7960	0.0219	0.0135	19	-1.87	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.7750	0.0100	0.7960	0.0219	0.0135	19	-0.96	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.7755	0.0010	0.7960	0.0219	0.0135	19	-0.94	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.7803	0.0162	0.7960	0.0219	0.0135	19	-0.72	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.7815	0.0150	0.7960	0.0219	0.0135	19	-0.66	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.7850	0.0300	0.7960	0.0219	0.0135	19	-0.50	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.7950	0.0100	0.7960	0.0219	0.0135	19	-0.04	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.7980	0.0495	0.7960	0.0219	0.0135	19	0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.7990	0.0000	0.7960	0.0219	0.0135	19	0.14	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.7995	0.0110	0.7960	0.0219	0.0135	19	0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.8025	0.0070	0.7960	0.0219	0.0135	19	0.30	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	0.8045	0.0030	0.7960	0.0219	0.0135	19	0.39	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.8070	0.0020	0.7960	0.0219	0.0135	19	0.50	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	0.8080	0.0180	0.7960	0.0219	0.0135	19	0.55	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.8165	0.0050	0.7960	0.0219	0.0135	19	0.94	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.8205	0.0150	0.7960	0.0219	0.0135	19	1.12	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.8205	0.0022	0.7960	0.0219	0.0135	19	1.12	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.8359	0.0021	0.7960	0.0219	0.0135	19	1.82	3%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.8115	0.0090				1			0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.7750	0.0100	0.8155	0.0398	0.0067	6	-1.02	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.7950	0.0020	0.8155	0.0398	0.0067	6	-0.52	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.7950	0.0100	0.8155	0.0398	0.0067	6	-0.52	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.8130	0.0180	0.8155	0.0398	0.0067	6	-0.06	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.8490	0.0000	0.8155	0.0398	0.0067	6	0.84	2%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.8660	0.0000	0.8155	0.0398	0.0067	6	1.27	3%	0
120.99	Alanine, Miscellaneous (%)	0889	0.7100	0.0200				3			0
120.99	Alanine, Miscellaneous (%)	2146	0.7850	0.0100				3			0
120.99	Alanine, Miscellaneous (%)	0227	0.8200	0.0000				3			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.9150	0.0100	0.9974	0.0409	0.0112	18	-2.02	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.9341	0.0188	0.9974	0.0409	0.0112	18	-1.55	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	0.9510	0.0000	0.9974	0.0409	0.0112	18	-1.14	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.9600	0.0000	0.9974	0.0409	0.0112	18	-0.92	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.9695	0.0070	0.9974	0.0409	0.0112	18	-0.68	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.9850	0.0300	0.9974	0.0409	0.0112	18	-0.30	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	0.9900	0.0220	0.9974	0.0409	0.0112	18	-0.18	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.9914	0.0122	0.9974	0.0409	0.0112	18	-0.15	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.9950	0.0100	0.9974	0.0409	0.0112	18	-0.06	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.000	0.0000	0.9974	0.0409	0.0112	18	0.06	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.015	0.0090	0.9974	0.0409	0.0112	18	0.42	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	1.020	0.0050	0.9974	0.0409	0.0112	18	0.54	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.021	0.0110	0.9974	0.0409	0.0112	18	0.57	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.026	0.0050	0.9974	0.0409	0.0112	18	0.69	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.026	0.0090	0.9974	0.0409	0.0112	18	0.69	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.030	0.0280	0.9974	0.0409	0.0112	18	0.80	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.045	0.0080	0.9974	0.0409	0.0112	18	1.16	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.185	0.0169	0.9974	0.0409	0.0112	18	4.60	9%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	0.9604	0.0579	0.9974	0.0409	0.0112	18	-0.91	2%	1
121.02	Arginine, Post-col OPA Der (%)	0098	1.015	0.0200				1			0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.9375	0.0190	1.018	0.0715	0.0388	6	-1.13	4%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.9850	0.0700	1.018	0.0715	0.0388	6	-0.46	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	0.9900	0.0040	1.018	0.0715	0.0388	6	-0.39	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	1.015	0.0000	1.018	0.0715	0.0388	6	-0.05	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.070	0.1400	1.018	0.0715	0.0388	6	0.72	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	1.112	0.0000	1.018	0.0715	0.0388	6	1.31	5%	0
121.99	Arginine, Miscellaneous (%)	0889	0.9550	0.0300				2			0
121.99	Arginine, Miscellaneous (%)	0227	1.000	0.0200				2			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.275	0.0300	1.391	0.0403	0.0240	19	-2.87	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.309	0.0230	1.391	0.0403	0.0240	19	-2.02	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.345	0.0100	1.391	0.0403	0.0240	19	-1.13	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.355	0.0300	1.391	0.0403	0.0240	19	-0.88	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.355	0.0100	1.391	0.0403	0.0240	19	-0.88	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.372	0.0000	1.391	0.0403	0.0240	19	-0.46	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.376	0.0520	1.391	0.0403	0.0240	19	-0.36	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.383	0.0150	1.391	0.0403	0.0240	19	-0.20	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.395	0.0100	1.391	0.0403	0.0240	19	0.11	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.396	0.0895	1.391	0.0403	0.0240	19	0.14	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.400	0.0090	1.391	0.0403	0.0240	19	0.22	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.405	0.0300	1.391	0.0403	0.0240	19	0.36	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.408	0.0120	1.391	0.0403	0.0240	19	0.43	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	1.416	0.0020	1.391	0.0403	0.0240	19	0.63	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.418	0.0200	1.391	0.0403	0.0240	19	0.68	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.422	0.0140	1.391	0.0403	0.0240	19	0.78	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.430	0.0410	1.391	0.0403	0.0240	19	0.96	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	1.436	0.0230	1.391	0.0403	0.0240	19	1.11	2%	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	R-bar	# Labs			
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.548	0.0363	1.391	0.0403	0.0240	19	3.90	6%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.434	0.0480				1			0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.396	0.0000	1.439	0.0481	0.0166	5			0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.405	0.0300	1.439	0.0481	0.0166	5			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.435	0.0500	1.439	0.0481	0.0166	5			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.439	0.0030	1.439	0.0481	0.0166	5			0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.518	0.0000	1.439	0.0481	0.0166	5			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.624	0.2850	1.439	0.0481	0.0166	5			1
122.99	Aspartic, Miscellaneous (%)	0889	1.215	0.0100				3			0
122.99	Aspartic, Miscellaneous (%)	2146	1.405	0.0100				3			0
122.99	Aspartic, Miscellaneous (%)	0227	1.440	0.0200				3			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0870	0.1951	0.0130	0.2631	0.0212	0.0086	19	-3.21	13%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.2296	0.0044	0.2631	0.0212	0.0086	19	-1.58	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0652	0.2400	0.0200	0.2631	0.0212	0.0086	19	-1.09	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0226	0.2430	0.0177	0.2631	0.0212	0.0086	19	-0.95	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0910	0.2500	0.0200	0.2631	0.0212	0.0086	19	-0.62	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0619	0.2550	0.0000	0.2631	0.0212	0.0086	19	-0.38	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0878	0.2565	0.0010	0.2631	0.0212	0.0086	19	-0.31	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0872	0.2610	0.0020	0.2631	0.0212	0.0086	19	-0.10	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0941	0.2620	0.0180	0.2631	0.0212	0.0086	19	-0.05	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0353	0.2650	0.0100	0.2631	0.0212	0.0086	19	0.09	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0644	0.2675	0.0190	0.2631	0.0212	0.0086	19	0.21	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2059	0.2675	0.0010	0.2631	0.0212	0.0086	19	0.21	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0571	0.2690	0.0060	0.2631	0.0212	0.0086	19	0.28	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0968	0.2700	0.0000	0.2631	0.0212	0.0086	19	0.32	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0918	0.2750	0.0100	0.2631	0.0212	0.0086	19	0.56	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0868	0.2805	0.0070	0.2631	0.0212	0.0086	19	0.82	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0675	0.2850	0.0100	0.2631	0.0212	0.0086	19	1.03	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0682	0.3140	0.0000	0.2631	0.0212	0.0086	19	2.40	10%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0354	0.3195	0.0050	0.2631	0.0212	0.0086	19	2.66	11%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.2905	0.0050				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.2083	0.0258	0.2480	0.0228	0.0126	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.2510	0.0000	0.2480	0.0228	0.0126	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.2550	0.0100	0.2480	0.0228	0.0126	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2615	0.0270	0.2480	0.0228	0.0126	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.2640	0.0000	0.2480	0.0228	0.0126	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	< 0.005		0.2480	0.0228	0.0126	5			5
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.2350	0.0100				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.2400	0.0200				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2146	0.2400	0.0000				3			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.642	0.0514	2.760	0.0757	0.0338	18	-1.55	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.670	0.0200	2.760	0.0757	0.0338	18	-1.19	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	R-bar	# Labs	Z Score	%RSD	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	2.681	0.0000	2.760	0.0757	0.0338	18	-1.04	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.710	0.0200	2.760	0.0757	0.0338	18	-0.66	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.720	0.0800	2.760	0.0757	0.0338	18	-0.53	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.726	0.0440	2.760	0.0757	0.0338	18	-0.45	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	2.728	0.0140	2.760	0.0757	0.0338	18	-0.42	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	2.738	0.0370	2.760	0.0757	0.0338	18	-0.29	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	2.745	0.0700	2.760	0.0757	0.0338	18	-0.20	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.756	0.0240	2.760	0.0757	0.0338	18	-0.05	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.764	0.0190	2.760	0.0757	0.0338	18	0.05	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.771	0.0150	2.760	0.0757	0.0338	18	0.14	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.792	0.0120	2.760	0.0757	0.0338	18	0.43	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.810	0.0400	2.760	0.0757	0.0338	18	0.66	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	2.825	0.0100	2.760	0.0757	0.0338	18	0.86	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	2.849	0.0080	2.760	0.0757	0.0338	18	1.18	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	2.927	0.0732	2.760	0.0757	0.0338	18	2.21	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	3.011	0.0700	2.760	0.0757	0.0338	18	3.31	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	2.760	0.1935	2.760	0.0757	0.0338	18	0.00	0%	1
125.02	Glutamic, Post-col OPA Der (%)	0098	2.824	0.0480				1			0
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.568	0.0000	2.922	0.2702	0.0913	6	-1.31	6%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	2.842	0.1800	2.922	0.2702	0.0913	6	-0.30	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	2.915	0.0080	2.922	0.2702	0.0913	6	-0.03	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.949	0.0000	2.922	0.2702	0.0913	6	0.10	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	2.950	0.1000	2.922	0.2702	0.0913	6	0.10	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.310	0.2600	2.922	0.2702	0.0913	6	1.43	7%	0
125.99	Glutamic, Miscellaneous (%)	0889	2.365	0.0600				3			0
125.99	Glutamic, Miscellaneous (%)	0227	2.780	0.0000				3			0
125.99	Glutamic, Miscellaneous (%)	2146	2.950	0.0400				3			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.7150	0.0300	0.7479	0.0209	0.0125	19	-1.57	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.7162	0.0142	0.7479	0.0209	0.0125	19	-1.52	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.7190	0.0000	0.7479	0.0209	0.0125	19	-1.38	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.7300	0.0000	0.7479	0.0209	0.0125	19	-0.86	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.7300	0.0000	0.7479	0.0209	0.0125	19	-0.86	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.7350	0.0300	0.7479	0.0209	0.0125	19	-0.62	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.7450	0.0100	0.7479	0.0209	0.0125	19	-0.14	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.7500	0.0020	0.7479	0.0209	0.0125	19	0.10	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.7520	0.0100	0.7479	0.0209	0.0125	19	0.19	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.7529	0.0023	0.7479	0.0209	0.0125	19	0.23	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.7530	0.0080	0.7479	0.0209	0.0125	19	0.24	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.7570	0.0504	0.7479	0.0209	0.0125	19	0.43	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.7575	0.0150	0.7479	0.0209	0.0125	19	0.46	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.7580	0.0040	0.7479	0.0209	0.0125	19	0.48	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.7620	0.0160	0.7479	0.0209	0.0125	19	0.67	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	R-bar	# Labs	Z Score	%RSD	
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.7625	0.0070	0.7479	0.0209	0.0125	19	0.70	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.7645	0.0010	0.7479	0.0209	0.0125	19	0.79	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.7700	0.0080	0.7479	0.0209	0.0125	19	1.05	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.8443	0.0291	0.7479	0.0209	0.0125	19	4.60	6%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.7725	0.0110				1			0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.6400	0.0000	0.7482	0.0673	0.0048	5			0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.7420	0.0000	0.7482	0.0673	0.0048	5			0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.7500	0.0200	0.7482	0.0673	0.0048	5			0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.8030	0.0000	0.7482	0.0673	0.0048	5			0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.8060	0.0040	0.7482	0.0673	0.0048	5			0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.7665	0.1710	0.7482	0.0673	0.0048	5			1
126.99	Glycine, Miscellaneous (%)	0889	0.4025	0.0050				3			0
126.99	Glycine, Miscellaneous (%)	2146	0.7350	0.0100				3			0
126.99	Glycine, Miscellaneous (%)	0227	0.7700	0.0200				3			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.3635	0.0194	0.3957	0.0189	0.0080	19	-1.70	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.3636	0.0091	0.3957	0.0189	0.0080	19	-1.70	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.3750	0.0100	0.3957	0.0189	0.0080	19	-1.09	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.3800	0.0000	0.3957	0.0189	0.0080	19	-0.83	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.3800	0.0000	0.3957	0.0189	0.0080	19	-0.83	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.3900	0.0200	0.3957	0.0189	0.0080	19	-0.30	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.3910	0.0060	0.3957	0.0189	0.0080	19	-0.25	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.3945	0.0110	0.3957	0.0189	0.0080	19	-0.06	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.3950	0.0100	0.3957	0.0189	0.0080	19	-0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.3970	0.0120	0.3957	0.0189	0.0080	19	0.07	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.3985	0.0070	0.3957	0.0189	0.0080	19	0.15	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.4005	0.0030	0.3957	0.0189	0.0080	19	0.26	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.4015	0.0050	0.3957	0.0189	0.0080	19	0.31	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.4025	0.0010	0.3957	0.0189	0.0080	19	0.36	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.4030	0.0080	0.3957	0.0189	0.0080	19	0.39	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.4070	0.0000	0.3957	0.0189	0.0080	19	0.60	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.4193	0.0212	0.3957	0.0189	0.0080	19	1.25	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.4360	0.0020	0.3957	0.0189	0.0080	19	2.13	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.4598	0.0065	0.3957	0.0189	0.0080	19	3.39	8%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.3995	0.0070				1			0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.3370	0.0000	0.3730	0.0410	0.0222	6	-0.88	5%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.3415	0.0530	0.3730	0.0410	0.0222	6	-0.77	4%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.3600	0.0100	0.3730	0.0410	0.0222	6	-0.32	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.3750	0.0500	0.3730	0.0410	0.0222	6	0.05	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.3900	0.0200	0.3730	0.0410	0.0222	6	0.42	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.4600	0.0000	0.3730	0.0410	0.0222	6	2.12	12%	0
127.99	Histidine, Miscellaneous (%)	2146	0.3650	0.0100				3			0
127.99	Histidine, Miscellaneous (%)	0227	0.3850	0.0100				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	R-bar	# Labs			
127.99	Histidine, Miscellaneous (%)	0889	0.4025	0.0050				3			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.4650	0.0100	0.5694	0.0306	0.0100	18	-3.41	9%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.5259	0.0121	0.5694	0.0306	0.0100	18	-1.42	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.5320	0.0000	0.5694	0.0306	0.0100	18	-1.22	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.5445	0.0184	0.5694	0.0306	0.0100	18	-0.81	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.5515	0.0450	0.5694	0.0306	0.0100	18	-0.59	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.5550	0.0100	0.5694	0.0306	0.0100	18	-0.47	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.5550	0.0100	0.5694	0.0306	0.0100	18	-0.47	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.5650	0.0100	0.5694	0.0306	0.0100	18	-0.14	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.5724	0.0133	0.5694	0.0306	0.0100	18	0.10	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.5775	0.0050	0.5694	0.0306	0.0100	18	0.26	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.5800	0.0000	0.5694	0.0306	0.0100	18	0.35	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.5840	0.0060	0.5694	0.0306	0.0100	18	0.48	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.5845	0.0030	0.5694	0.0306	0.0100	18	0.49	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.5855	0.0190	0.5694	0.0306	0.0100	18	0.52	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.5985	0.0010	0.5694	0.0306	0.0100	18	0.95	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.6010	0.0100	0.5694	0.0306	0.0100	18	1.03	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.6010	0.0060	0.5694	0.0306	0.0100	18	1.03	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.6130	0.0020	0.5694	0.0306	0.0100	18	1.42	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.5827	0.0636	0.5694	0.0306	0.0100	18	0.43	1%	1
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.5960	0.0060				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.5380	0.0000	0.6020	0.0600	0.0120	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.5760	0.0000	0.6020	0.0600	0.0120	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.5800	0.0400	0.6020	0.0600	0.0120	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.6200	0.0200	0.6020	0.0600	0.0120	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.6960	0.0000	0.6020	0.0600	0.0120	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.5200	0.1700	0.6020	0.0600	0.0120	5			1
128.05	Isoleucine, Pre-col AQC Der (%)	2319	< 0.005		0.6020	0.0600	0.0120	5			5
128.99	Isoleucine, Miscellaneous (%)	0889	0.5300	0.0000				3			0
128.99	Isoleucine, Miscellaneous (%)	2146	0.5850	0.0100				3			0
128.99	Isoleucine, Miscellaneous (%)	0227	0.5950	0.0100				3			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.125	0.0100	1.218	0.0354	0.0143	19	-2.64	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	1.125	0.0000	1.218	0.0354	0.0143	19	-2.64	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.158	0.0245	1.218	0.0354	0.0143	19	-1.69	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.190	0.0200	1.218	0.0354	0.0143	19	-0.80	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.200	0.0400	1.218	0.0354	0.0143	19	-0.52	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.200	0.0000	1.218	0.0354	0.0143	19	-0.52	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.204	0.0140	1.218	0.0354	0.0143	19	-0.40	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.216	0.0000	1.218	0.0354	0.0143	19	-0.07	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.220	0.0180	1.218	0.0354	0.0143	19	0.05	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	1.223	0.0060	1.218	0.0354	0.0143	19	0.13	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.225	0.0100	1.218	0.0354	0.0143	19	0.19	0%	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	R-bar	# Labs			
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.237	0.0090	1.218	0.0354	0.0143	19	0.51	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.242	0.0050	1.218	0.0354	0.0143	19	0.65	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.243	0.0110	1.218	0.0354	0.0143	19	0.68	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.243	0.0050	1.218	0.0354	0.0143	19	0.68	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.244	0.0050	1.218	0.0354	0.0143	19	0.71	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.245	0.0100	1.218	0.0354	0.0143	19	0.75	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.252	0.0585	1.218	0.0354	0.0143	19	0.96	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.288	0.0249	1.218	0.0354	0.0143	19	1.97	3%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.243	0.0160				1			0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.138	0.0000	1.218	0.0670	0.0220	5			0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.183	0.0100	1.218	0.0670	0.0220	5			0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.220	0.0400	1.218	0.0670	0.0220	5			0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.230	0.0600	1.218	0.0670	0.0220	5			0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.319	0.0000	1.218	0.0670	0.0220	5			0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.107	0.3050	1.218	0.0670	0.0220	5			1
129.05	Leucine, Pre-col AQC Der (%)	2319	< 0.005		1.218	0.0670	0.0220	5			5
129.99	Leucine, Miscellaneous (%)	0889	1.048	0.0350				3			0
129.99	Leucine, Miscellaneous (%)	2146	1.185	0.0100				3			0
129.99	Leucine, Miscellaneous (%)	0227	1.250	0.0000				3			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.6750	0.0500	0.7234	0.0303	0.0145	20	-1.60	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.6840	0.0147	0.7234	0.0303	0.0145	20	-1.30	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.6900	0.0000	0.7234	0.0303	0.0145	20	-1.10	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.6910	0.0000	0.7234	0.0303	0.0145	20	-1.07	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.7000	0.0120	0.7234	0.0303	0.0145	20	-0.77	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.7045	0.0550	0.7234	0.0303	0.0145	20	-0.62	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.7050	0.0000	0.7234	0.0303	0.0145	20	-0.61	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.7150	0.0100	0.7234	0.0303	0.0145	20	-0.28	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.7200	0.0140	0.7234	0.0303	0.0145	20	-0.11	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.7235	0.0090	0.7234	0.0303	0.0145	20	0.00	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.7250	0.0100	0.7234	0.0303	0.0145	20	0.05	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.7345	0.0010	0.7234	0.0303	0.0145	20	0.37	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	0.7345	0.0010	0.7234	0.0303	0.0145	20	0.37	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.7350	0.0100	0.7234	0.0303	0.0145	20	0.38	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.7475	0.0150	0.7234	0.0303	0.0145	20	0.80	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.7490	0.0060	0.7234	0.0303	0.0145	20	0.84	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.7540	0.0200	0.7234	0.0303	0.0145	20	1.01	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.7547	0.0092	0.7234	0.0303	0.0145	20	1.03	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.7580	0.0027	0.7234	0.0303	0.0145	20	1.14	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.7650	0.0500	0.7234	0.0303	0.0145	20	1.37	3%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.7805	0.0270				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.7020	0.0000	0.7614	0.0405	0.0218	6	-1.47	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.7550	0.0700	0.7614	0.0405	0.0218	6	-0.16	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	R-bar	# Labs	Z Score	%RSD	
130.05	L-Lysine, Pre-col AQC Der (%)	0014	0.7565	0.0110	0.7614	0.0405	0.0218	6	-0.12	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.7600	0.0400	0.7614	0.0405	0.0218	6	-0.03	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.7880	0.0100	0.7614	0.0405	0.0218	6	0.66	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.8070	0.0000	0.7614	0.0405	0.0218	6	1.13	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.8310	0.2120	0.7614	0.0405	0.0218	6	1.72	5%	1
130.99	L-Lysine, Miscellaneous (%)	2144	0.6400	0.0000	0.7025	0.0514	0.0050	4			0
130.99	L-Lysine, Miscellaneous (%)	2146	0.6950	0.0100	0.7025	0.0514	0.0050	4			0
130.99	L-Lysine, Miscellaneous (%)	2053	0.7100	0.0000	0.7025	0.0514	0.0050	4			0
130.99	L-Lysine, Miscellaneous (%)	0227	0.7650	0.0100	0.7025	0.0514	0.0050	4			0
130.99	L-Lysine, Miscellaneous (%)	0889	0.8900	0.0400	0.7025	0.0514	0.0050	4			1
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.1700	0.0000	0.2417	0.0154	0.0061	19	-4.64	15%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.2199	0.0047	0.2417	0.0154	0.0061	19	-1.41	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.2200	0.0000	0.2417	0.0154	0.0061	19	-1.40	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2300	0.0200	0.2417	0.0154	0.0061	19	-0.76	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.2320	0.0020	0.2417	0.0154	0.0061	19	-0.63	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.2350	0.0100	0.2417	0.0154	0.0061	19	-0.43	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.2355	0.0030	0.2417	0.0154	0.0061	19	-0.40	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.2395	0.0050	0.2417	0.0154	0.0061	19	-0.14	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.2430	0.0040	0.2417	0.0154	0.0061	19	0.09	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.2442	0.0111	0.2417	0.0154	0.0061	19	0.16	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.2450	0.0020	0.2417	0.0154	0.0061	19	0.22	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.2455	0.0030	0.2417	0.0154	0.0061	19	0.25	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.2495	0.0050	0.2417	0.0154	0.0061	19	0.51	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.2500	0.0000	0.2417	0.0154	0.0061	19	0.54	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.2500	0.0000	0.2417	0.0154	0.0061	19	0.54	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.2505	0.0250	0.2417	0.0154	0.0061	19	0.57	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.2540	0.0040	0.2417	0.0154	0.0061	19	0.80	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.2664	0.0080	0.2417	0.0154	0.0061	19	1.60	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.3050	0.0100	0.2417	0.0154	0.0061	19	4.10	13%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2405	0.0030				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.1995	0.0210	0.2434	0.0384	0.0077	6	-1.14	9%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.2050	0.0100	0.2434	0.0384	0.0077	6	-1.00	8%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.2550	0.0100	0.2434	0.0384	0.0077	6	0.30	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.2560	0.0000	0.2434	0.0384	0.0077	6	0.33	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.2590	0.0000	0.2434	0.0384	0.0077	6	0.41	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.2857	0.0049	0.2434	0.0384	0.0077	6	1.10	9%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	< 0.005		0.2434	0.0384	0.0077	6			5
131.99	Methionine, Miscellaneous (%)	2146	0.2200	0.0200				3			0
131.99	Methionine, Miscellaneous (%)	0227	0.2350	0.0100				3			0
131.99	Methionine, Miscellaneous (%)	0889	0.2425	0.0050				3			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.6320	0.0000	0.7122	0.0405	0.0088	19	-1.98	6%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.6415	0.0150	0.7122	0.0405	0.0088	19	-1.75	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	R-bar	# Labs	Z Score	%RSD	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.6700	0.0000	0.7122	0.0405	0.0088	19	-1.04	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.6850	0.0100	0.7122	0.0405	0.0088	19	-0.67	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.6900	0.0060	0.7122	0.0405	0.0088	19	-0.55	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.6911	0.0025	0.7122	0.0405	0.0088	19	-0.52	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.6950	0.0100	0.7122	0.0405	0.0088	19	-0.43	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.7000	0.0200	0.7122	0.0405	0.0088	19	-0.30	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.7090	0.0040	0.7122	0.0405	0.0088	19	-0.08	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.7145	0.0110	0.7122	0.0405	0.0088	19	0.06	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.7165	0.0010	0.7122	0.0405	0.0088	19	0.11	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.7180	0.0140	0.7122	0.0405	0.0088	19	0.14	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.7220	0.0140	0.7122	0.0405	0.0088	19	0.24	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.7305	0.0030	0.7122	0.0405	0.0088	19	0.45	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.7390	0.0040	0.7122	0.0405	0.0088	19	0.66	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.7450	0.0100	0.7122	0.0405	0.0088	19	0.81	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.7601	0.0009	0.7122	0.0405	0.0088	19	1.18	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.7704	0.0071	0.7122	0.0405	0.0088	19	1.44	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.8045	0.0350	0.7122	0.0405	0.0088	19	2.28	6%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.7225	0.0130				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.6650	0.0000	0.7072	0.0471	0.0120	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.6760	0.0000	0.7072	0.0471	0.0120	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.7000	0.0200	0.7072	0.0471	0.0120	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.7100	0.0400	0.7072	0.0471	0.0120	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.7850	0.0000	0.7072	0.0471	0.0120	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.7205	0.1150	0.7072	0.0471	0.0120	5			1
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	< 0.005		0.7072	0.0471	0.0120	5			5
132.99	Phenylalanine, Miscellaneous (%)	2146	0.6800	0.0000				3			0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.7050	0.0000				3			0
132.99	Phenylalanine, Miscellaneous (%)	0227	0.7250	0.0100				3			0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.1941	0.0036	0.9517	0.0598	0.0204	18	-12.68	40%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.7700	0.0200	0.9517	0.0598	0.0204	18	-3.04	10%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.9050	0.1100	0.9517	0.0598	0.0204	18	-0.78	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.9136	0.0040	0.9517	0.0598	0.0204	18	-0.64	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.9160	0.0560	0.9517	0.0598	0.0204	18	-0.60	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.9240	0.0100	0.9517	0.0598	0.0204	18	-0.46	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.9250	0.0100	0.9517	0.0598	0.0204	18	-0.45	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.9420	0.0280	0.9517	0.0598	0.0204	18	-0.16	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	0.9500	0.0160	0.9517	0.0598	0.0204	18	-0.03	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	0.9520	0.0100	0.9517	0.0598	0.0204	18	0.00	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	0.9520	0.0040	0.9517	0.0598	0.0204	18	0.00	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.9585	0.0390	0.9517	0.0598	0.0204	18	0.11	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.9750	0.0100	0.9517	0.0598	0.0204	18	0.39	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.9920	0.0300	0.9517	0.0598	0.0204	18	0.67	2%	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	R-bar	# Labs			
133.00	Proline, Post-col Ninhydrin Der (%)	0353	1.010	0.0000	0.9517	0.0598	0.0204	18	0.98	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.016	0.0150	0.9517	0.0598	0.0204	18	1.07	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	1.035	0.0000	0.9517	0.0598	0.0204	18	1.39	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.042	0.0022	0.9517	0.0598	0.0204	18	1.52	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.062	0.1361	0.9517	0.0598	0.0204	18	1.85	6%	1
133.05	Proline, Pre-col AQC Der (%)	0676	0.9350	0.0100	1.019	0.0733	0.0060	5			0
133.05	Proline, Pre-col AQC Der (%)	0626	0.9780	0.0100	1.019	0.0733	0.0060	5			0
133.05	Proline, Pre-col AQC Der (%)	0148	0.9950	0.0100	1.019	0.0733	0.0060	5			0
133.05	Proline, Pre-col AQC Der (%)	2188	1.075	0.0000	1.019	0.0733	0.0060	5			0
133.05	Proline, Pre-col AQC Der (%)	2196	1.114	0.0000	1.019	0.0733	0.0060	5			0
133.05	Proline, Pre-col AQC Der (%)	0407	0.8015	0.4050	1.019	0.0733	0.0060	5			1
133.99	Proline, Miscellaneous (%)	0889	0.7750	0.0400				3			0
133.99	Proline, Miscellaneous (%)	2146	0.9500	0.0200				3			0
133.99	Proline, Miscellaneous (%)	0227	0.9850	0.0100				3			0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.6300	0.0200	0.7170	0.0292	0.0128	18	-2.98	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.6800	0.0220	0.7170	0.0292	0.0128	18	-1.27	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.6900	0.0200	0.7170	0.0292	0.0128	18	-0.93	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.6910	0.0000	0.7170	0.0292	0.0128	18	-0.89	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.6945	0.0010	0.7170	0.0292	0.0128	18	-0.77	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.7055	0.0110	0.7170	0.0292	0.0128	18	-0.40	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.7085	0.0090	0.7170	0.0292	0.0128	18	-0.29	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.7100	0.0400	0.7170	0.0292	0.0128	18	-0.24	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.7142	0.0131	0.7170	0.0292	0.0128	18	-0.10	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.7150	0.0100	0.7170	0.0292	0.0128	18	-0.07	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.7240	0.0020	0.7170	0.0292	0.0128	18	0.24	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.7280	0.0060	0.7170	0.0292	0.0128	18	0.38	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.7315	0.0210	0.7170	0.0292	0.0128	18	0.49	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.7330	0.0120	0.7170	0.0292	0.0128	18	0.55	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.7401	0.0105	0.7170	0.0292	0.0128	18	0.79	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.7500	0.0000	0.7170	0.0292	0.0128	18	1.13	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.7575	0.0050	0.7170	0.0292	0.0128	18	1.38	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.7870	0.0286	0.7170	0.0292	0.0128	18	2.39	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.8589	0.0685	0.7170	0.0292	0.0128	18	4.85	10%	1
134.02	Serine, Post-col OPA Der (%)	0098	0.6465	0.0170				1			0
134.05	Serine, Pre-col AQC Der (%)	0148	0.7050	0.0100	0.7529	0.0430	0.0042	5			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.7250	0.0100	0.7529	0.0430	0.0042	5			0
134.05	Serine, Pre-col AQC Der (%)	2188	0.7380	0.0000	0.7529	0.0430	0.0042	5			0
134.05	Serine, Pre-col AQC Der (%)	2196	0.7980	0.0000	0.7529	0.0430	0.0042	5			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.7985	0.0010	0.7529	0.0430	0.0042	5			0
134.05	Serine, Pre-col AQC Der (%)	0407	0.6920	0.0740	0.7529	0.0430	0.0042	5			1
134.99	Serine, Miscellaneous (%)	0889	0.6200	0.0000				3			0
134.99	Serine, Miscellaneous (%)	2146	0.6900	0.0200				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	R-bar	# Labs			
134.99	Serine, Miscellaneous (%)	0227	0.7200	0.0000				3			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.4600	0.0400	0.5533	0.0184	0.0139	19	-5.08	8%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.5267	0.0106	0.5533	0.0184	0.0139	19	-1.45	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.5315	0.0090	0.5533	0.0184	0.0139	19	-1.19	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.5430	0.0000	0.5533	0.0184	0.0139	19	-0.56	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.5450	0.0100	0.5533	0.0184	0.0139	19	-0.45	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.5450	0.0100	0.5533	0.0184	0.0139	19	-0.45	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.5450	0.0300	0.5533	0.0184	0.0139	19	-0.45	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.5450	0.0100	0.5533	0.0184	0.0139	19	-0.45	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.5470	0.0120	0.5533	0.0184	0.0139	19	-0.34	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.5570	0.0020	0.5533	0.0184	0.0139	19	0.20	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.5575	0.0110	0.5533	0.0184	0.0139	19	0.23	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.5580	0.0100	0.5533	0.0184	0.0139	19	0.25	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.5590	0.0000	0.5533	0.0184	0.0139	19	0.31	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.5635	0.0070	0.5533	0.0184	0.0139	19	0.55	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.5636	0.0446	0.5533	0.0184	0.0139	19	0.56	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.5650	0.0100	0.5533	0.0184	0.0139	19	0.63	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.5760	0.0162	0.5533	0.0184	0.0139	19	1.23	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.5790	0.0100	0.5533	0.0184	0.0139	19	1.40	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.5818	0.0213	0.5533	0.0184	0.0139	19	1.54	3%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.5645	0.0010				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.4915	0.0270	0.5526	0.0403	0.0223	6	-1.52	6%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.5350	0.0300	0.5526	0.0403	0.0223	6	-0.44	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.5630	0.0000	0.5526	0.0403	0.0223	6	0.26	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.5635	0.0070	0.5526	0.0403	0.0223	6	0.27	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.5650	0.0700	0.5526	0.0403	0.0223	6	0.31	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.5970	0.0000	0.5526	0.0403	0.0223	6	1.10	4%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	< 0.005		0.5526	0.0403	0.0223	6			5
135.99	Threonine, Miscellaneous (%)	0889	0.4400	0.0000				3			0
135.99	Threonine, Miscellaneous (%)	2146	0.5550	0.0100				3			0
135.99	Threonine, Miscellaneous (%)	0227	0.5750	0.0100				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.1650	0.0100	0.2020	0.0272	0.0092	7	-1.36	9%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.1800	0.0100	0.2020	0.0272	0.0092	7	-0.81	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.1950	0.0040	0.2020	0.0272	0.0092	7	-0.26	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.2050	0.0300	0.2020	0.0272	0.0092	7	0.11	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.2170	0.0000	0.2020	0.0272	0.0092	7	0.55	4%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.2170	0.0004	0.2020	0.0272	0.0092	7	0.55	4%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2350	0.0100	0.2020	0.0272	0.0092	7	1.21	8%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.1840	0.0020				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.1865	0.0110				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.1935	0.0010				3			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.1905	0.0030				1			0

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136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.1825	0.0010	0.1916	0.0092	0.0046	6	-0.99	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.1846	0.0067	0.1916	0.0092	0.0046	6	-0.76	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.1905	0.0030	0.1916	0.0092	0.0046	6	-0.12	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0148	0.1930	0.0040	0.1916	0.0092	0.0046	6	0.16	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.1935	0.0030	0.1916	0.0092	0.0046	6	0.21	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.2250	0.0100	0.1916	0.0092	0.0046	6	3.64	9%	0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.1080	0.0120				1			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.4300	0.0000				1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.3550	0.0300	0.4797	0.0654	0.0175	13	-1.91	13%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.3940	0.0000	0.4797	0.0654	0.0175	13	-1.31	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.4324	0.0150	0.4797	0.0654	0.0175	13	-0.72	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.4445	0.0170	0.4797	0.0654	0.0175	13	-0.54	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.4600	0.0200	0.4797	0.0654	0.0175	13	-0.30	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.4600	0.0000	0.4797	0.0654	0.0175	13	-0.30	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.4775	0.0690	0.4797	0.0654	0.0175	13	-0.03	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.5010	0.0020	0.4797	0.0654	0.0175	13	0.33	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.5010	0.0080	0.4797	0.0654	0.0175	13	0.33	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.5355	0.0070	0.4797	0.0654	0.0175	13	0.85	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.5450	0.0100	0.4797	0.0654	0.0175	13	1.00	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.5466	0.0418	0.4797	0.0654	0.0175	13	1.02	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.5568	0.0079	0.4797	0.0654	0.0175	13	1.18	8%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.4810	0.0220				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.4045	0.0090	0.5387	0.0843	0.0058	5			0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.5410	0.0000	0.5387	0.0843	0.0058	5			0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.5550	0.0100	0.5387	0.0843	0.0058	5			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.5550	0.0100	0.5387	0.0843	0.0058	5			0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.6380	0.0000	0.5387	0.0843	0.0058	5			0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.9385	0.5270	0.5387	0.0843	0.0058	5			1
137.05	Tyrosine, Pre-col AQC Der (%)	2319	< 0.005		0.5387	0.0843	0.0058	5			5
137.99	Tyrosine, Miscellaneous (%)	0889	0.4300	0.0000				3			0
137.99	Tyrosine, Miscellaneous (%)	0227	0.4450	0.0100				3			0
137.99	Tyrosine, Miscellaneous (%)	2146	0.4550	0.0100				3			0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.5827	0.0636	0.6944	0.0295	0.0170	19	-3.78	8%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.6350	0.0100	0.6944	0.0295	0.0170	19	-2.01	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.6665	0.0610	0.6944	0.0295	0.0170	19	-0.95	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.6674	0.0140	0.6944	0.0295	0.0170	19	-0.92	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.6700	0.0400	0.6944	0.0295	0.0170	19	-0.83	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.6740	0.0080	0.6944	0.0295	0.0170	19	-0.69	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.6790	0.0000	0.6944	0.0295	0.0170	19	-0.52	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.6934	0.0150	0.6944	0.0295	0.0170	19	-0.04	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.6935	0.0010	0.6944	0.0295	0.0170	19	-0.03	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.7020	0.0080	0.6944	0.0295	0.0170	19	0.26	1%	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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138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.7050	0.0100	0.6944	0.0295	0.0170	19	0.36	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.7065	0.0210	0.6944	0.0295	0.0170	19	0.41	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.7066	0.0366	0.6944	0.0295	0.0170	19	0.41	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.7090	0.0020	0.6944	0.0295	0.0170	19	0.49	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.7150	0.0100	0.6944	0.0295	0.0170	19	0.70	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.7150	0.0100	0.6944	0.0295	0.0170	19	0.70	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.7235	0.0030	0.6944	0.0295	0.0170	19	0.98	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.7290	0.0060	0.6944	0.0295	0.0170	19	1.17	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.7450	0.0040	0.6944	0.0295	0.0170	19	1.71	4%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.7420	0.0100				1			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.6615	0.0030	0.7209	0.0400	0.0106	5			0
138.05	Valine, Pre-col AQC Der (%)	2188	0.6990	0.0000	0.7209	0.0400	0.0106	5			0
138.05	Valine, Pre-col AQC Der (%)	0676	0.7400	0.0400	0.7209	0.0400	0.0106	5			0
138.05	Valine, Pre-col AQC Der (%)	0148	0.7450	0.0100	0.7209	0.0400	0.0106	5			0
138.05	Valine, Pre-col AQC Der (%)	2196	0.7590	0.0000	0.7209	0.0400	0.0106	5			0
138.05	Valine, Pre-col AQC Der (%)	0407	0.6360	0.1840	0.7209	0.0400	0.0106	5			1
138.05	Valine, Pre-col AQC Der (%)	2319	< 0.005		0.7209	0.0400	0.0106	5			5
138.99	Valine, Miscellaneous (%)	0889	0.6550	0.0000				3			0
138.99	Valine, Miscellaneous (%)	2146	0.6950	0.0100				3			0
138.99	Valine, Miscellaneous (%)	0227	0.7600	0.0000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0900	0.0000				1			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0055	0.0050				1			0
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					0			5
150.00	Phytase, Colorimetric (Units / kg)	0047	426.0	2.000	953.8	368.9	49.00	4			0
150.00	Phytase, Colorimetric (Units / kg)	0619	976.0	22.00	953.8	368.9	49.00	4			0
150.00	Phytase, Colorimetric (Units / kg)	0027	1,180	131.9	953.8	368.9	49.00	4			0
150.00	Phytase, Colorimetric (Units / kg)	0218	1,233	40.10	953.8	368.9	49.00	4			0
150.99	Phytase, Miscellaneous (Units / kg)	2022	676.5	17.00				1			0
160.10	Fructose, HPAEC PAD (%)	0297	0.1385	0.0330				1			0
160.99	Fructose, Miscellaneous (%)	0619	0.1330	0.0020				2			0
160.99	Fructose, Miscellaneous (%)	0227	0.2550	0.0100				2			0
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
162.10	Glucose, HPAEC PAD (%)	0297	0.2000	0.0400				1			0
162.99	Glucose, Miscellaneous (%)	0619	0.0850	0.0000				3			0
162.99	Glucose, Miscellaneous (%)	0227	0.3800	0.0000				3			0
162.99	Glucose, Miscellaneous (%)	0689	3.600	0.4000				3			0
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0619	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.10	Maltose, HPAEC PAD (%)	0297	0.2675	0.0370				1			0
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0			5

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165.10	Sucrose, HPAEC PAD (%)	0297	1.783	0.1130				1		0	
165.99	Sucrose, Miscellaneous (%)	0619	1.840	0.0400				2		0	
165.99	Sucrose, Miscellaneous (%)	0227	2.080	0.0200				2		0	
166.10	Raffinose, HPAEC PAD (%)	0297	0.3610	0.0280				1		0	
166.99	Raffinose, Miscellaneous (%)	0619	0.3395	0.0030				2		0	
166.99	Raffinose, Miscellaneous (%)	0227	0.3900	0.0000				2		0	
167.10	Stachyose, HPAEC PAD (%)	0297	0.7150	0.0320				1		0	
167.99	Stachyose, Miscellaneous (%)	0619	0.6895	0.0050				2		0	
167.99	Stachyose, Miscellaneous (%)	0227	0.7050	0.0100				2		0	
351.00	Chlortetracycline, Plate (ppm)	0218	2.832	0.0270				1		0	
351.05	Chlortetracycline, LC-MS/MS (ppm)	2314	0.8604	0.0046	2.511	1.472	0.1337	4		0	
351.05	Chlortetracycline, LC-MS/MS (ppm)	2055	1.800	0.2000	2.511	1.472	0.1337	4		0	
351.05	Chlortetracycline, LC-MS/MS (ppm)	0939	3.205	0.2700	2.511	1.472	0.1337	4		0	
351.05	Chlortetracycline, LC-MS/MS (ppm)	0619	4.180	0.0600	2.511	1.472	0.1337	4		0	
351.05	Chlortetracycline, LC-MS/MS (ppm)	0148	2.665	0.9300	2.511	1.472	0.1337	4		1	
382.04	Sulfamethazine, LC-MS/MS (ppm)	2234	2.090	0.1600				3		0	
382.04	Sulfamethazine, LC-MS/MS (ppm)	2314	2.947	0.1115				3		0	
382.04	Sulfamethazine, LC-MS/MS (ppm)	0148	4.440	0.6600				3		0	
386.00	Tiamulin, LC (ppm)	0668	105.5	3.000	115.7	9.685	6.875	4		0	
386.00	Tiamulin, LC (ppm)	2192	109.5	2.900	115.7	9.685	6.875	4		0	
386.00	Tiamulin, LC (ppm)	0910	122.2	8.600	115.7	9.685	6.875	4		0	
386.00	Tiamulin, LC (ppm)	0001	125.5	13.00	115.7	9.685	6.875	4		0	
386.02	Tiamulin, LC-MS/MS (ppm)	2144	62.92	0.3500				3		0	
386.02	Tiamulin, LC-MS/MS (ppm)	0148	111.1	1.822				3		0	
386.02	Tiamulin, LC-MS/MS (ppm)	0619	153.5	1.000				3		0	
386.02	Tiamulin, LC-MS/MS (ppm)	2234	112.4	7.440				3		1	
388.03	Tylosin, LC (ppm)	0910	52.50	1.000				3		0	
388.03	Tylosin, LC (ppm)	2192	53.50	0.9800				3		0	
388.03	Tylosin, LC (ppm)	0032	62.65	1.300				3		0	
388.03	Tylosin, LC (ppm)	0033	97.80	14.40				3		1	
388.05	Tylosin, LC-MS/MS (ppm)	0875	45.00	0.0000	64.24	18.22	0.4880	5		0	
388.05	Tylosin, LC-MS/MS (ppm)	2144	49.90	0.1400	64.24	18.22	0.4880	5		0	
388.05	Tylosin, LC-MS/MS (ppm)	0148	62.40	0.8000	64.24	18.22	0.4880	5		0	
388.05	Tylosin, LC-MS/MS (ppm)	2234	74.13	0.8000	64.24	18.22	0.4880	5		0	
388.05	Tylosin, LC-MS/MS (ppm)	0619	89.75	0.7000	64.24	18.22	0.4880	5		0	
388.99	Tylosin, Miscellaneous (ppm)	2146	44.84	0.7500				1		0	
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.5200	0.0200	0.5418	0.0176	0.0059	9	-1.24	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.5285	0.0030	0.5418	0.0176	0.0059	9	-0.76	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.5311	0.0076	0.5418	0.0176	0.0059	9	-0.61	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.5355	0.0010	0.5418	0.0176	0.0059	9	-0.36	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.5410	0.0020	0.5418	0.0176	0.0059	9	-0.05	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.5430	0.0000	0.5418	0.0176	0.0059	9	0.07	0%	0

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400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.5480	0.0060	0.5418	0.0176	0.0059	9	0.35	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.5613	0.0084	0.5418	0.0176	0.0059	9	1.11	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.5972	0.0050	0.5418	0.0176	0.0059	9	3.15	5%	0
400.99	Water Activity, Miscellaneous (Units)	0843	0.5355	0.0010				2			0
400.99	Water Activity, Miscellaneous (Units)	2073	0.5355	0.0070				2			0
516.00	Arsenic, Total, AA, Hydride (ppm)	0045	0.1320	0.0020				2			0
516.00	Arsenic, Total, AA, Hydride (ppm)	0171	0.1400	0.0040				2			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0407	1.057	0.1200				1			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0682	< 10					1			5
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0186	0.1335	0.0030				3			0
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0910	0.1450	0.0100				3			0
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	2053	0.1700	0.0000				3			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0553	0.1360	0.0060	0.1450	0.0066	0.0045	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0227	0.1440	0.0120	0.1450	0.0066	0.0045	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0939	0.1500	0.0000	0.1450	0.0066	0.0045	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	2033	0.1500	0.0000	0.1450	0.0066	0.0045	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0918	0.2038	0.0000	0.1450	0.0066	0.0045	4			2
516.99	Arsenic, Total, Miscellaneous (ppm)	2302	0.0000	0.0000				0			4
518.31	Cadmium, AAS, Dry ash (ppm)	0689	< 0.2					0			5
518.34	Cadmium, AAS, Graphite furnace (ppm)	2246	0.2300	0.0000				1			0
518.41	Cadmium, ICP, Dry ash (ppm)	0171	0.0960	0.0000				2			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.1134	0.0318				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0968	0.1270	0.0040				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.1437	0.0067				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					2			5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.1060	0.0040				3			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	2053	0.1100	0.0000				3			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0910	0.1150	0.0100				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.0975	0.0030	0.1045	0.0058	0.0082	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	2033	0.1000	0.0200	0.1045	0.0058	0.0082	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0939	0.1050	0.0100	0.1045	0.0058	0.0082	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.1085	0.0030	0.1045	0.0058	0.0082	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0918	0.1115	0.0050	0.1045	0.0058	0.0082	5			0
518.99	Cadmium, Miscellaneous (ppm)	2302	0.0000	0.0000				0			4
520.41	Chromium, ICP, Dry ash (ppm)	0171	1.893	0.0000				2			0
520.41	Chromium, ICP, Dry ash (ppm)	0407	2.265	0.2420				2			0
520.42	Chromium, ICP, Open vessel (ppm)	0693	4.054	0.1460				2			0
520.42	Chromium, ICP, Open vessel (ppm)	0045	4.215	0.0500				2			0
520.43	Chromium, ICP, Microwave (ppm)	0968	2.451	0.0640	3.831	1.480	0.0501	4			0
520.43	Chromium, ICP, Microwave (ppm)	0407	2.724	0.0763	3.831	1.480	0.0501	4			0
520.43	Chromium, ICP, Microwave (ppm)	0682	4.660	0.0000	3.831	1.480	0.0501	4			0
520.43	Chromium, ICP, Microwave (ppm)	0510	5.490	0.0600	3.831	1.480	0.0501	4			0

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520.52	Chromium, ICP-MS, Open vessel (ppm)	0186	2.235	0.0300				1		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0553	3.995	0.1500				3		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0164	4.035	0.0500				3		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0939	4.250	0.1200				3		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0918	2.326	0.0574				3		2	
526.31	Lead, AAS, Dry ash (ppm)	0689	< 0.2					0		5	
526.34	Lead, AAS, Graphite furnace (ppm)	2246	0.4750	0.1300				1		0	
526.41	Lead, ICP, Dry ash (ppm)	0171	0.0880	0.0100				2		0	
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1959	0.0125				2		0	
526.43	Lead, ICP, Microwave (ppm)	0968	0.1800	0.0100				2		0	
526.43	Lead, ICP, Microwave (ppm)	0407	0.2563	0.0187				2		0	
526.43	Lead, ICP, Microwave (ppm)	0682	< 3					2		5	
526.52	Lead, ICP-MS, Open vessel (ppm)	2053	0.1800	0.0000				2		0	
526.52	Lead, ICP-MS, Open vessel (ppm)	0910	0.2000	0.0000				2		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.1800	0.0140	0.1997	0.0191	0.0201	5		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0553	0.1915	0.0150	0.1997	0.0191	0.0201	5		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0918	0.1919	0.0013	0.1997	0.0191	0.0201	5		0	
526.53	Lead, ICP-MS, Microwave (ppm)	2033	0.2050	0.0300	0.1997	0.0191	0.0201	5		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0939	0.2300	0.0400	0.1997	0.0191	0.0201	5		0	
526.99	Lead, Miscellaneous (ppm)	2302	0.0000	0.0000				0		4	
529.99	Mercury, Miscellaneous (ppb)	2302	0.0000	0.0000				0		4	
529.99	Mercury, Miscellaneous (ppb)	0227	< 10					0		5	
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					0		5	
539.41	Nickel, ICP, Dry ash (ppm)	0171	1.860	0.0200				2		0	
539.41	Nickel, ICP, Dry ash (ppm)	0407	2.021	0.0247				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0407	2.165	0.1276				3		0	
539.43	Nickel, ICP, Microwave (ppm)	2033	2.845	0.0500				3		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	2.930	0.0000				3		0	
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	2.065	0.0300				1		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0553	2.635	0.1100				2		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0918	2.954	0.0027				2		0	
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.0000	0.0000				0		4	
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0619	0.0115	0.0010				1		0	
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hydrolysis	0619	0.0105	0.0010				1		0	
708.01	Capric acid (10:0), Direct Methylation by Alkali Hydrolysis	0619	0.0155	0.0010				1		0	
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hydrolysis	0619	0.0230	0.0020				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.0015	0.0010				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	0.0125	0.0010				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005					2		5	
714.01	Myristic Acid (14:0) , Direct Methylation by Alkali Hydrolysi	0619	0.0305	0.0030				1		0	
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0226	0.0050	0.0000				2		0	
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0164	0.0160	0.0000				2		0	

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716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysi	0619	0.5075	0.0070				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.5200	0.0060				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	0.7220	0.0220				2		0	
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hyc	0619	0.0415	0.0050				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0080	0.0000				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.0090	0.0000				2		0	
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	0619	0.0805	0.0030				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.0885	0.0010				2		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.1170	0.0020				2		0	
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysi	0619	0.6170	0.0000				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.7025	0.0050				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	0.8340	0.0220				2		0	
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hy	0619	1.480	0.0000				1		0	
726.02	Linoleic Acid (9c,12c-18:2), Direct Methylation by Acid-Alk	0148	1.345	0.0100				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	1.380	0.0090				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	1.432	0.0370				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	1.593	0.0520				3		0	
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0619	0.0720	0.0040				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0676	0.0630	0.0000				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0226	0.0665	0.0030				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0164	0.0780	0.0000				3		0	
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali Hydrolys	0619	0.0410	0.0040				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0110	0.0000				2		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	0.0140	0.0000				2		0	
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alkali Hydr	0619	0.0440	0.0040				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0115	0.0010				2		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0164	0.0130	0.0000				2		0	
736.01	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Methylation	0619	0.0000	0.0000				0		4	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%	0676	0.0020	0.0000				1		0	
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation by Alkal	0619	0.0000	0.0000				0		4	
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Dir	0619	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0226	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0676	0.0000	0.0000				0		4	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0065	0.0010				2		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	0.0130	0.0000				2		0	
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkali Hydrol	0619	0.0000	0.0000				0		4	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
746.01	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:!	0619	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:!	0226	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:!	0676	0.0000	0.0000				0		4	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0090	0.0000				1		0	
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0619	0.0000	0.0000				0		4	

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	R-bar	# Labs			
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0226	0.0000	0.0000				0			4
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0676	0.0000	0.0000				0			4
752.01	Nervonic Acid (24:1) isomers, Direct Methylation by Alkali	0619	0.0000	0.0000				0			4
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005					0			5
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct M	0148	0.0748	0.0016				1			0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell	0676	0.0600	0.0000				2			0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell	0164	0.0835	0.0010				2			0
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct M	0148	1.345	0.0100				1			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell	0676	1.385	0.0100				2			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell	0164	1.605	0.0540				2			0
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.9225	0.0310				1			0
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w	0164	0.9150	0.0240				1			0
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/v	0164	1.696	0.0520				1			0
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	3.735	0.1140				1			0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	2.860	0.0540				2			0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	3.571	0.1090				2			0

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 5 = A reporting limit and 4 = zeros submitted as values. 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). Flag 3 indicates not used in statistics.