



AAFCO
Proficiency Testing Program



Animal Feed Scheme

Sheep Feed

Test Material Code # 202030

Labs Reporting: 178

Methods Reported 382

Issue Date : 11/30/2020

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	1.000	0.0000				1		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	7.703	0.0870				3		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	7.910	0.1000				3		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	8.170	0.0200				3		0	
001.03	Loss on Drying, Low temp. methods (%)	0878	7.860	0.0800	8.155	0.3209	0.0486	7	-0.92	2%	0
001.03	Loss on Drying, Low temp. methods (%)	2318	7.860	0.0800	8.155	0.3209	0.0486	7	-0.92	2%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	8.070	0.1200	8.155	0.3209	0.0486	7	-0.27	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	8.075	0.0100	8.155	0.3209	0.0486	7	-0.25	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2295	8.185	0.0100	8.155	0.3209	0.0486	7	0.09	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	8.400	0.0000	8.155	0.3209	0.0486	7	0.76	2%	0
001.03	Loss on Drying, Low temp. methods (%)	0843	8.910	0.0400	8.155	0.3209	0.0486	7	2.35	5%	0
001.05	Loss on Drying, LECO (%)	0644	8.036	0.0150				2		0	
001.05	Loss on Drying, LECO (%)	0968	8.595	0.0100				2		0	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.405	0.0700	8.110	0.2582	0.1123	37	-2.73	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	7.585	0.0300	8.110	0.2582	0.1123	37	-2.03	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	7.735	0.3700	8.110	0.2582	0.1123	37	-1.45	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	7.740	0.0200	8.110	0.2582	0.1123	37	-1.43	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	7.753	0.3350	8.110	0.2582	0.1123	37	-1.39	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	7.755	0.0100	8.110	0.2582	0.1123	37	-1.38	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	7.790	0.0600	8.110	0.2582	0.1123	37	-1.24	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	7.975	0.1100	8.110	0.2582	0.1123	37	-0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	7.990	0.0000	8.110	0.2582	0.1123	37	-0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	7.990	0.0600	8.110	0.2582	0.1123	37	-0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	7.995	0.0100	8.110	0.2582	0.1123	37	-0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	8.011	0.0227	8.110	0.2582	0.1123	37	-0.38	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	8.050	0.1000	8.110	0.2582	0.1123	37	-0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	8.055	0.0900	8.110	0.2582	0.1123	37	-0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	8.075	0.2300	8.110	0.2582	0.1123	37	-0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	8.075	0.0300	8.110	0.2582	0.1123	37	-0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.105	0.0100	8.110	0.2582	0.1123	37	-0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	8.113	0.5315	8.110	0.2582	0.1123	37	0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	8.115	0.0900	8.110	0.2582	0.1123	37	0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	8.135	0.0500	8.110	0.2582	0.1123	37	0.10	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			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	8.135	0.0100	8.110	0.2582	0.1123	37	0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.160	0.2000	8.110	0.2582	0.1123	37	0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	8.170	0.1000	8.110	0.2582	0.1123	37	0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	8.200	0.2000	8.110	0.2582	0.1123	37	0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.219	0.0065	8.110	0.2582	0.1123	37	0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	8.250	0.1000	8.110	0.2582	0.1123	37	0.54	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	8.255	0.0300	8.110	0.2582	0.1123	37	0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	8.265	0.0500	8.110	0.2582	0.1123	37	0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.285	0.0900	8.110	0.2582	0.1123	37	0.68	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	8.300	0.0400	8.110	0.2582	0.1123	37	0.73	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	8.326	0.0990	8.110	0.2582	0.1123	37	0.83	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.375	0.0500	8.110	0.2582	0.1123	37	1.02	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.405	0.5500	8.110	0.2582	0.1123	37	1.14	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	8.415	0.0700	8.110	0.2582	0.1123	37	1.18	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	8.460	0.1000	8.110	0.2582	0.1123	37	1.35	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	8.465	0.1900	8.110	0.2582	0.1123	37	1.37	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	8.910	0.0400	8.110	0.2582	0.1123	37	3.10	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	8.100	1.400	8.110	0.2582	0.1123	37	-0.04	0%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	91.84	0.0400	8.110	0.2582	0.1123	37	324.25	516%	2
001.99	Loss on Drying, Miscellaneous (%)	0536	6.870	0.0600	8.002	0.4483	0.1361	20	-2.52	7%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	7.645	0.3900	8.002	0.4483	0.1361	20	-0.80	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	7.650	0.1000	8.002	0.4483	0.1361	20	-0.78	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	7.675	0.0100	8.002	0.4483	0.1361	20	-0.73	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	7.675	0.0500	8.002	0.4483	0.1361	20	-0.73	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	7.681	0.0218	8.002	0.4483	0.1361	20	-0.71	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	7.755	0.1300	8.002	0.4483	0.1361	20	-0.55	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	7.770	0.3200	8.002	0.4483	0.1361	20	-0.52	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	7.840	0.0800	8.002	0.4483	0.1361	20	-0.36	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.880	0.0000	8.002	0.4483	0.1361	20	-0.27	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	7.945	0.1100	8.002	0.4483	0.1361	20	-0.13	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	7.965	0.0500	8.002	0.4483	0.1361	20	-0.08	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	8.020	0.0000	8.002	0.4483	0.1361	20	0.04	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	8.200	0.0000	8.002	0.4483	0.1361	20	0.44	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0912	8.200	0.2000	8.002	0.4483	0.1361	20	0.44	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	8.220	0.4600	8.002	0.4483	0.1361	20	0.49	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	8.600	0.0000	8.002	0.4483	0.1361	20	1.33	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	8.635	0.1900	8.002	0.4483	0.1361	20	1.41	4%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	8.700	0.1800	8.002	0.4483	0.1361	20	1.56	4%	0
001.99	Loss on Drying, Miscellaneous (%)	2328	9.155	0.3700	8.002	0.4483	0.1361	20	2.57	7%	0
002.00	Protein, Crude, Crude (%)	0169	13.55	0.2100				2			0
002.00	Protein, Crude, Crude (%)	2328	13.94	0.1000				2			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0910	13.60	0.0000	13.85	0.1612	0.0771	14	-1.55	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.01	Protein, Crude, Auto Kjel-Foss (%)	0968	13.64	0.0100	13.85	0.1612	0.0771	14	-1.33	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2259	13.71	0.0920	13.85	0.1612	0.0771	14	-0.86	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0164	13.72	0.3200	13.85	0.1612	0.0771	14	-0.80	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0610	13.80	0.1000	13.85	0.1612	0.0771	14	-0.31	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2193	13.80	0.1600	13.85	0.1612	0.0771	14	-0.31	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0870	13.89	0.2850	13.85	0.1612	0.0771	14	0.26	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0652	13.90	0.0000	13.85	0.1612	0.0771	14	0.31	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0656	13.90	0.0000	13.85	0.1612	0.0771	14	0.31	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2196	13.90	0.0000	13.85	0.1612	0.0771	14	0.31	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0662	13.97	0.0625	13.85	0.1612	0.0771	14	0.74	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0685	13.98	0.0200	13.85	0.1612	0.0771	14	0.81	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2188	13.99	0.0300	13.85	0.1612	0.0771	14	0.84	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0889	14.27	0.0000	13.85	0.1612	0.0771	14	2.61	2%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	13.73	0.0600				2			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	13.91	0.2052				2			0
002.03	Protein, Crude, Hach Method (%)	0536	16.67	0.3100				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0638	13.90	0.2000				1			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	13.63	0.2400	13.89	0.1650	0.1169	30	-1.56	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	13.65	0.1000	13.89	0.1650	0.1169	30	-1.44	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	13.70	0.2000	13.89	0.1650	0.1169	30	-1.14	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	13.70	0.0000	13.89	0.1650	0.1169	30	-1.14	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	13.71	0.0462	13.89	0.1650	0.1169	30	-1.10	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0581	13.72	0.0400	13.89	0.1650	0.1169	30	-1.01	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	13.75	0.2900	13.89	0.1650	0.1169	30	-0.86	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2318	13.77	0.0600	13.89	0.1650	0.1169	30	-0.71	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	13.77	0.0020	13.89	0.1650	0.1169	30	-0.70	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0893	13.78	0.0100	13.89	0.1650	0.1169	30	-0.68	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	13.84	0.1700	13.89	0.1650	0.1169	30	-0.32	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0868	13.84	0.0400	13.89	0.1650	0.1169	30	-0.29	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2295	13.86	0.0100	13.89	0.1650	0.1169	30	-0.20	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	13.86	0.1200	13.89	0.1650	0.1169	30	-0.17	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	13.90	0.0380	13.89	0.1650	0.1169	30	0.08	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0852	13.92	0.1800	13.89	0.1650	0.1169	30	0.20	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	13.92	0.0200	13.89	0.1650	0.1169	30	0.20	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2291	13.93	0.1700	13.89	0.1650	0.1169	30	0.23	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	13.95	0.0100	13.89	0.1650	0.1169	30	0.35	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	13.95	0.2400	13.89	0.1650	0.1169	30	0.38	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	13.99	0.1700	13.89	0.1650	0.1169	30	0.59	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	14.00	0.0700	13.89	0.1650	0.1169	30	0.65	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0878	14.01	0.0900	13.89	0.1650	0.1169	30	0.71	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0897	14.03	0.0400	13.89	0.1650	0.1169	30	0.86	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	14.04	0.3700	13.89	0.1650	0.1169	30	0.89	1%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	0948	14.04	0.0600	13.89	0.1650	0.1169	30	0.92	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2152	14.06	0.0400	13.89	0.1650	0.1169	30	1.05	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	14.08	0.1100	13.89	0.1650	0.1169	30	1.14	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	14.15	0.3000	13.89	0.1650	0.1169	30	1.59	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	14.61	0.2700	13.89	0.1650	0.1169	30	4.35	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	12.58	0.8700	14.04	0.2573	0.1683	112	-5.69	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2178	12.82	0.4700	14.04	0.2573	0.1683	112	-4.76	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	12.94	0.0400	14.04	0.2573	0.1683	112	-4.29	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	13.17	0.4500	14.04	0.2573	0.1683	112	-3.40	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0033	13.40	0.4000	14.04	0.2573	0.1683	112	-2.49	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	13.43	0.1500	14.04	0.2573	0.1683	112	-2.39	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	13.53	0.8125	14.04	0.2573	0.1683	112	-1.98	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0013	13.58	0.7900	14.04	0.2573	0.1683	112	-1.81	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0028	13.58	0.2900	14.04	0.2573	0.1683	112	-1.81	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	13.61	0.2500	14.04	0.2573	0.1683	112	-1.69	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	13.63	0.0100	14.04	0.2573	0.1683	112	-1.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	13.68	0.2600	14.04	0.2573	0.1683	112	-1.40	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	13.75	0.7000	14.04	0.2573	0.1683	112	-1.13	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	13.76	0.1600	14.04	0.2573	0.1683	112	-1.09	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0546	13.76	0.1720	14.04	0.2573	0.1683	112	-1.08	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2109	13.79	0.5000	14.04	0.2573	0.1683	112	-0.97	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0014	13.80	0.4000	14.04	0.2573	0.1683	112	-0.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	13.80	0.0000	14.04	0.2573	0.1683	112	-0.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2303	13.81	0.0700	14.04	0.2573	0.1683	112	-0.91	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	13.82	0.5200	14.04	0.2573	0.1683	112	-0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	13.83	0.1200	14.04	0.2573	0.1683	112	-0.82	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	13.84	0.1900	14.04	0.2573	0.1683	112	-0.80	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	13.85	0.0700	14.04	0.2573	0.1683	112	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	13.85	0.3000	14.04	0.2573	0.1683	112	-0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	13.85	0.1000	14.04	0.2573	0.1683	112	-0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	13.86	0.1600	14.04	0.2573	0.1683	112	-0.70	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	13.86	0.0400	14.04	0.2573	0.1683	112	-0.70	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	13.87	0.0700	14.04	0.2573	0.1683	112	-0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	13.88	0.0130	14.04	0.2573	0.1683	112	-0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	13.88	0.2200	14.04	0.2573	0.1683	112	-0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	13.89	0.1500	14.04	0.2573	0.1683	112	-0.60	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	13.90	0.0000	14.04	0.2573	0.1683	112	-0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	13.90	0.0000	14.04	0.2573	0.1683	112	-0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2319	13.90	0.0000	14.04	0.2573	0.1683	112	-0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0032	13.90	0.0550	14.04	0.2573	0.1683	112	-0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	13.91	0.0004	14.04	0.2573	0.1683	112	-0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0038	13.92	0.2300	14.04	0.2573	0.1683	112	-0.48	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			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	13.92	0.0900	14.04	0.2573	0.1683	112	-0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	13.95	0.1000	14.04	0.2573	0.1683	112	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	13.95	0.1000	14.04	0.2573	0.1683	112	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	13.95	0.1000	14.04	0.2573	0.1683	112	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0610	13.95	0.1000	14.04	0.2573	0.1683	112	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	13.95	0.1000	14.04	0.2573	0.1683	112	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2184	13.95	0.1800	14.04	0.2573	0.1683	112	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	13.97	0.1600	14.04	0.2573	0.1683	112	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	13.98	0.2700	14.04	0.2573	0.1683	112	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	13.99	0.0700	14.04	0.2573	0.1683	112	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	13.99	0.0200	14.04	0.2573	0.1683	112	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	14.00	0.1500	14.04	0.2573	0.1683	112	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	14.00	0.0712	14.04	0.2573	0.1683	112	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	14.00	0.2000	14.04	0.2573	0.1683	112	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	14.02	0.0000	14.04	0.2573	0.1683	112	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	14.03	0.0625	14.04	0.2573	0.1683	112	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	14.04	0.0700	14.04	0.2573	0.1683	112	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	14.04	0.1400	14.04	0.2573	0.1683	112	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0914	14.04	0.4800	14.04	0.2573	0.1683	112	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	14.05	0.1570	14.04	0.2573	0.1683	112	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	14.06	0.0300	14.04	0.2573	0.1683	112	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	14.06	0.0600	14.04	0.2573	0.1683	112	0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0872	14.07	0.1900	14.04	0.2573	0.1683	112	0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	14.09	0.0600	14.04	0.2573	0.1683	112	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	14.10	0.0000	14.04	0.2573	0.1683	112	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	14.10	0.8000	14.04	0.2573	0.1683	112	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	14.10	0.0200	14.04	0.2573	0.1683	112	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2246	14.10	0.2000	14.04	0.2573	0.1683	112	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	14.10	0.0070	14.04	0.2573	0.1683	112	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	14.11	0.1210	14.04	0.2573	0.1683	112	0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	14.11	0.1375	14.04	0.2573	0.1683	112	0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	14.11	0.1600	14.04	0.2573	0.1683	112	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	14.12	0.0710	14.04	0.2573	0.1683	112	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	14.12	0.0000	14.04	0.2573	0.1683	112	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0298	14.12	0.0200	14.04	0.2573	0.1683	112	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0868	14.13	0.0100	14.04	0.2573	0.1683	112	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2174	14.13	0.0400	14.04	0.2573	0.1683	112	0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	14.13	0.0910	14.04	0.2573	0.1683	112	0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	14.13	0.0440	14.04	0.2573	0.1683	112	0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	14.14	0.1000	14.04	0.2573	0.1683	112	0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0508	14.15	0.0730	14.04	0.2573	0.1683	112	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	14.15	0.1000	14.04	0.2573	0.1683	112	0.43	0%	0

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002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	14.16	0.0600	14.04	0.2573	0.1683	112	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	14.17	0.0200	14.04	0.2573	0.1683	112	0.51	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	14.18	0.0500	14.04	0.2573	0.1683	112	0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	14.19	0.1080	14.04	0.2573	0.1683	112	0.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	14.19	0.1200	14.04	0.2573	0.1683	112	0.58	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	14.20	0.2500	14.04	0.2573	0.1683	112	0.60	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	14.20	0.0600	14.04	0.2573	0.1683	112	0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	14.20	0.2000	14.04	0.2573	0.1683	112	0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2326	14.22	0.0600	14.04	0.2573	0.1683	112	0.70	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	14.24	0.0000	14.04	0.2573	0.1683	112	0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0656	14.25	0.0000	14.04	0.2573	0.1683	112	0.82	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	14.26	0.0100	14.04	0.2573	0.1683	112	0.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	14.26	0.2800	14.04	0.2573	0.1683	112	0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	14.27	0.0200	14.04	0.2573	0.1683	112	0.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	14.29	0.3100	14.04	0.2573	0.1683	112	0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	14.29	0.1300	14.04	0.2573	0.1683	112	0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	14.30	0.2000	14.04	0.2573	0.1683	112	1.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	14.31	0.0200	14.04	0.2573	0.1683	112	1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	14.33	0.0900	14.04	0.2573	0.1683	112	1.11	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	14.33	0.0600	14.04	0.2573	0.1683	112	1.13	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	14.39	0.0100	14.04	0.2573	0.1683	112	1.34	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	14.41	0.2300	14.04	0.2573	0.1683	112	1.42	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	14.49	0.1420	14.04	0.2573	0.1683	112	1.73	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	14.50	0.0000	14.04	0.2573	0.1683	112	1.79	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	14.53	0.0200	14.04	0.2573	0.1683	112	1.90	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2302	14.56	0.4400	14.04	0.2573	0.1683	112	2.02	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2057	14.56	0.0000	14.04	0.2573	0.1683	112	2.04	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	14.58	0.0200	14.04	0.2573	0.1683	112	2.10	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	14.58	0.1400	14.04	0.2573	0.1683	112	2.10	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	14.67	0.4500	14.04	0.2573	0.1683	112	2.43	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	15.15	0.0560	14.04	0.2573	0.1683	112	4.30	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	16.20	0.6000	14.04	0.2573	0.1683	112	8.39	8%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	16.25	0.7000	14.04	0.2573	0.1683	112	8.59	8%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	15.94	3.090	14.04	0.2573	0.1683	112	7.36	7%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0612	17.95	0.1700	14.04	0.2573	0.1683	112	15.17	14%	2
002.08	Protein, Crude, Cu/Ti (%)	0098	13.90	0.0400				1			0
002.11	Protein, Crude, NIR (%)	0553	13.10	0.1200	14.08	1.067	0.0640	5			0
002.11	Protein, Crude, NIR (%)	0852	13.10	0.0800	14.08	1.067	0.0640	5			0
002.11	Protein, Crude, NIR (%)	0889	13.89	0.0000	14.08	1.067	0.0640	5			0
002.11	Protein, Crude, NIR (%)	2302	14.78	0.0000	14.08	1.067	0.0640	5			0
002.11	Protein, Crude, NIR (%)	0297	15.53	0.1200	14.08	1.067	0.0640	5			0
002.99	Protein, Crude, Miscellaneous (%)	0643	13.10	0.1000				2			0

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002.99	Protein, Crude, Miscellaneous (%)	2144	14.37	0.0400				2			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2144	2.415	0.1300	2.673	0.3108	0.1123	8	-0.83	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	2.430	0.0200	2.673	0.3108	0.1123	8	-0.78	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	2.475	0.0500	2.673	0.3108	0.1123	8	-0.64	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	2.553	0.0063	2.673	0.3108	0.1123	8	-0.39	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	2.580	0.4000	2.673	0.3108	0.1123	8	-0.30	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0175	2.775	0.1100	2.673	0.3108	0.1123	8	0.33	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0032	3.055	0.0700	2.673	0.3108	0.1123	8	1.23	7%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	3.099	0.1117	2.673	0.3108	0.1123	8	1.37	8%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0164	2.805	0.0900				1			0
003.06	Fat, Crude, Pet Ether (%)	0884	2.000	0.0000	2.417	0.2955	0.0757	15	-1.41	9%	0
003.06	Fat, Crude, Pet Ether (%)	2295	2.045	0.0100	2.417	0.2955	0.0757	15	-1.26	8%	0
003.06	Fat, Crude, Pet Ether (%)	0939	2.085	0.2900	2.417	0.2955	0.0757	15	-1.12	7%	0
003.06	Fat, Crude, Pet Ether (%)	0229	2.245	0.0700	2.417	0.2955	0.0757	15	-0.58	4%	0
003.06	Fat, Crude, Pet Ether (%)	2268	2.260	0.1600	2.417	0.2955	0.0757	15	-0.53	3%	0
003.06	Fat, Crude, Pet Ether (%)	2181	2.310	0.0200	2.417	0.2955	0.0757	15	-0.36	2%	0
003.06	Fat, Crude, Pet Ether (%)	0297	2.365	0.0700	2.417	0.2955	0.0757	15	-0.17	1%	0
003.06	Fat, Crude, Pet Ether (%)	0689	2.400	0.0000	2.417	0.2955	0.0757	15	-0.06	0%	0
003.06	Fat, Crude, Pet Ether (%)	0644	2.479	0.0950	2.417	0.2955	0.0757	15	0.21	1%	0
003.06	Fat, Crude, Pet Ether (%)	0425	2.495	0.0500	2.417	0.2955	0.0757	15	0.27	2%	0
003.06	Fat, Crude, Pet Ether (%)	0294	2.625	0.0100	2.417	0.2955	0.0757	15	0.71	4%	0
003.06	Fat, Crude, Pet Ether (%)	0687	2.700	0.2000	2.417	0.2955	0.0757	15	0.96	6%	0
003.06	Fat, Crude, Pet Ether (%)	0910	2.735	0.0300	2.417	0.2955	0.0757	15	1.08	7%	0
003.06	Fat, Crude, Pet Ether (%)	0682	2.740	0.0000	2.417	0.2955	0.0757	15	1.09	7%	0
003.06	Fat, Crude, Pet Ether (%)	0169	2.765	0.1300	2.417	0.2955	0.0757	15	1.18	7%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	2.232	0.0290	2.583	0.1690	0.0262	11	-2.08	7%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	2.405	0.0500	2.583	0.1690	0.0262	11	-1.05	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	2.485	0.0300	2.583	0.1690	0.0262	11	-0.58	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0638	2.500	0.0000	2.583	0.1690	0.0262	11	-0.49	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	2.505	0.0900	2.583	0.1690	0.0262	11	-0.46	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	2.595	0.0100	2.583	0.1690	0.0262	11	0.07	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	2.650	0.0297	2.583	0.1690	0.0262	11	0.40	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	2.700	0.0200	2.583	0.1690	0.0262	11	0.69	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	2.725	0.0100	2.583	0.1690	0.0262	11	0.84	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	2.725	0.0100	2.583	0.1690	0.0262	11	0.84	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	2.795	0.0100	2.583	0.1690	0.0262	11	1.25	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	2.365	0.2100	2.583	0.1690	0.0262	11	-1.29	4%	1
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	1.835	0.1700	2.127	0.2055	0.0748	27	-1.42	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	1.900	0.0200	2.127	0.2055	0.0748	27	-1.11	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	1.925	0.0300	2.127	0.2055	0.0748	27	-0.98	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0553	1.940	0.1200	2.127	0.2055	0.0748	27	-0.91	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	1.945	0.0300	2.127	0.2055	0.0748	27	-0.89	4%	0

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003.10	Fat, Crude, Randall, Pet Ether (%)	0619	1.945	0.0500	2.127	0.2055	0.0748	27	-0.89	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	1.947	0.1060	2.127	0.2055	0.0748	27	-0.88	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0897	2.010	0.0200	2.127	0.2055	0.0748	27	-0.57	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	2.020	0.0200	2.127	0.2055	0.0748	27	-0.52	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	2.042	0.1241	2.127	0.2055	0.0748	27	-0.42	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	2.045	0.0746	2.127	0.2055	0.0748	27	-0.40	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	2.060	0.0000	2.127	0.2055	0.0748	27	-0.33	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	2.070	0.1200	2.127	0.2055	0.0748	27	-0.28	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0062	2.092	0.0460	2.127	0.2055	0.0748	27	-0.17	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	2.117	0.0050	2.127	0.2055	0.0748	27	-0.05	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	2.137	0.0258	2.127	0.2055	0.0748	27	0.05	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	2.150	0.1000	2.127	0.2055	0.0748	27	0.11	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	2.160	0.0000	2.127	0.2055	0.0748	27	0.16	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	2.212	0.0024	2.127	0.2055	0.0748	27	0.41	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	2.250	0.0600	2.127	0.2055	0.0748	27	0.60	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	2.270	0.2400	2.127	0.2055	0.0748	27	0.69	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	2.287	0.1660	2.127	0.2055	0.0748	27	0.78	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	2.350	0.1000	2.127	0.2055	0.0748	27	1.08	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	2.425	0.1700	2.127	0.2055	0.0748	27	1.45	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	2.495	0.0900	2.127	0.2055	0.0748	27	1.79	9%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2089	2.525	0.1300	2.127	0.2055	0.0748	27	1.93	9%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	2.600	0.0000	2.127	0.2055	0.0748	27	2.30	11%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	2.430	0.4000	2.127	0.2055	0.0748	27	1.47	7%	1
003.11	Fat, Crude, NIR (%)	0889	2.240	0.0000	3.022	0.7419	0.0720	5			0
003.11	Fat, Crude, NIR (%)	0553	2.625	0.1300	3.022	0.7419	0.0720	5			0
003.11	Fat, Crude, NIR (%)	2302	2.830	0.0000	3.022	0.7419	0.0720	5			0
003.11	Fat, Crude, NIR (%)	0297	3.230	0.1000	3.022	0.7419	0.0720	5			0
003.11	Fat, Crude, NIR (%)	0852	4.185	0.1300	3.022	0.7419	0.0720	5			0
003.12	Fat, Crude, Hexane Ext (%)	0893	1.970	0.0200	2.571	0.4428	0.0883	6	-1.36	12%	0
003.12	Fat, Crude, Hexane Ext (%)	0171	2.225	0.0700	2.571	0.4428	0.0883	6	-0.78	7%	0
003.12	Fat, Crude, Hexane Ext (%)	2326	2.680	0.0200	2.571	0.4428	0.0883	6	0.25	2%	0
003.12	Fat, Crude, Hexane Ext (%)	2200	2.700	0.2000	2.571	0.4428	0.0883	6	0.29	3%	0
003.12	Fat, Crude, Hexane Ext (%)	2199	2.890	0.1800	2.571	0.4428	0.0883	6	0.72	6%	0
003.12	Fat, Crude, Hexane Ext (%)	2318	2.960	0.0400	2.571	0.4428	0.0883	6	0.88	8%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0033	2.235	0.0300	2.463	0.2692	0.0455	7	-0.85	5%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	2.300	0.1000	2.463	0.2692	0.0455	7	-0.61	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	2.330	0.0400	2.463	0.2692	0.0455	7	-0.50	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	2.360	0.0800	2.463	0.2692	0.0455	7	-0.38	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	2.430	0.0400	2.463	0.2692	0.0455	7	-0.12	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	2.722	0.0082	2.463	0.2692	0.0455	7	0.96	5%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	3.130	0.0200	2.463	0.2692	0.0455	7	2.48	14%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2291	2.280	0.5400	2.463	0.2692	0.0455	7	-0.68	4%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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003.14	Fat, Crude, Ankom (%)	2129	1.597	0.2510	2.295	0.2409	0.1262	53	-2.90	15%	0
003.14	Fat, Crude, Ankom (%)	0843	1.635	0.1700	2.295	0.2409	0.1262	53	-2.74	14%	0
003.14	Fat, Crude, Ankom (%)	0574	1.875	0.0900	2.295	0.2409	0.1262	53	-1.74	9%	0
003.14	Fat, Crude, Ankom (%)	0581	1.940	0.2000	2.295	0.2409	0.1262	53	-1.47	8%	0
003.14	Fat, Crude, Ankom (%)	0108	1.945	0.0300	2.295	0.2409	0.1262	53	-1.45	8%	0
003.14	Fat, Crude, Ankom (%)	0407	1.975	0.2162	2.295	0.2409	0.1262	53	-1.33	7%	0
003.14	Fat, Crude, Ankom (%)	0619	2.005	0.2100	2.295	0.2409	0.1262	53	-1.20	6%	0
003.14	Fat, Crude, Ankom (%)	0848	2.025	0.2100	2.295	0.2409	0.1262	53	-1.12	6%	0
003.14	Fat, Crude, Ankom (%)	0034	2.050	0.1400	2.295	0.2409	0.1262	53	-1.02	5%	0
003.14	Fat, Crude, Ankom (%)	0037	2.080	0.1600	2.295	0.2409	0.1262	53	-0.89	5%	0
003.14	Fat, Crude, Ankom (%)	0358	2.090	0.0000	2.295	0.2409	0.1262	53	-0.85	4%	0
003.14	Fat, Crude, Ankom (%)	0956	2.100	0.0000	2.295	0.2409	0.1262	53	-0.81	4%	0
003.14	Fat, Crude, Ankom (%)	0505	2.120	0.3600	2.295	0.2409	0.1262	53	-0.73	4%	0
003.14	Fat, Crude, Ankom (%)	0298	2.140	0.0200	2.295	0.2409	0.1262	53	-0.64	3%	0
003.14	Fat, Crude, Ankom (%)	0202	2.145	0.0500	2.295	0.2409	0.1262	53	-0.62	3%	0
003.14	Fat, Crude, Ankom (%)	0675	2.150	0.0200	2.295	0.2409	0.1262	53	-0.60	3%	0
003.14	Fat, Crude, Ankom (%)	0144	2.170	0.0800	2.295	0.2409	0.1262	53	-0.52	3%	0
003.14	Fat, Crude, Ankom (%)	2302	2.190	0.0200	2.295	0.2409	0.1262	53	-0.44	2%	0
003.14	Fat, Crude, Ankom (%)	0876	2.200	0.0000	2.295	0.2409	0.1262	53	-0.39	2%	0
003.14	Fat, Crude, Ankom (%)	0912	2.250	0.1000	2.295	0.2409	0.1262	53	-0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0089	2.265	0.0500	2.295	0.2409	0.1262	53	-0.12	1%	0
003.14	Fat, Crude, Ankom (%)	0035	2.285	0.0100	2.295	0.2409	0.1262	53	-0.04	0%	0
003.14	Fat, Crude, Ankom (%)	0186	2.285	0.1100	2.295	0.2409	0.1262	53	-0.04	0%	0
003.14	Fat, Crude, Ankom (%)	0968	2.290	0.0600	2.295	0.2409	0.1262	53	-0.02	0%	0
003.14	Fat, Crude, Ankom (%)	0300	2.300	0.0400	2.295	0.2409	0.1262	53	0.02	0%	0
003.14	Fat, Crude, Ankom (%)	0357	2.300	0.0000	2.295	0.2409	0.1262	53	0.02	0%	0
003.14	Fat, Crude, Ankom (%)	0948	2.305	0.0700	2.295	0.2409	0.1262	53	0.04	0%	0
003.14	Fat, Crude, Ankom (%)	0049	2.325	0.5300	2.295	0.2409	0.1262	53	0.13	1%	0
003.14	Fat, Crude, Ankom (%)	2144	2.340	0.2200	2.295	0.2409	0.1262	53	0.19	1%	0
003.14	Fat, Crude, Ankom (%)	2146	2.345	0.0300	2.295	0.2409	0.1262	53	0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0598	2.355	0.0500	2.295	0.2409	0.1262	53	0.25	1%	0
003.14	Fat, Crude, Ankom (%)	2057	2.361	0.0124	2.295	0.2409	0.1262	53	0.27	1%	0
003.14	Fat, Crude, Ankom (%)	0175	2.365	0.2100	2.295	0.2409	0.1262	53	0.29	2%	0
003.14	Fat, Crude, Ankom (%)	0878	2.365	0.0500	2.295	0.2409	0.1262	53	0.29	2%	0
003.14	Fat, Crude, Ankom (%)	0529	2.385	0.0300	2.295	0.2409	0.1262	53	0.37	2%	0
003.14	Fat, Crude, Ankom (%)	0066	2.390	0.0400	2.295	0.2409	0.1262	53	0.40	2%	0
003.14	Fat, Crude, Ankom (%)	0868	2.405	0.0500	2.295	0.2409	0.1262	53	0.46	2%	0
003.14	Fat, Crude, Ankom (%)	2076	2.406	0.5854	2.295	0.2409	0.1262	53	0.46	2%	0
003.14	Fat, Crude, Ankom (%)	0148	2.415	0.4500	2.295	0.2409	0.1262	53	0.50	3%	0
003.14	Fat, Crude, Ankom (%)	0511	2.440	0.0600	2.295	0.2409	0.1262	53	0.60	3%	0
003.14	Fat, Crude, Ankom (%)	0083	2.450	0.0600	2.295	0.2409	0.1262	53	0.64	3%	0
003.14	Fat, Crude, Ankom (%)	0520	2.450	0.0800	2.295	0.2409	0.1262	53	0.64	3%	0

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003.14	Fat, Crude, Ankom (%)	0009	2.460	0.2200	2.295	0.2409	0.1262	53	0.69	4%	0
003.14	Fat, Crude, Ankom (%)	0229	2.480	0.4600	2.295	0.2409	0.1262	53	0.77	4%	0
003.14	Fat, Crude, Ankom (%)	0726	2.505	0.0900	2.295	0.2409	0.1262	53	0.87	5%	0
003.14	Fat, Crude, Ankom (%)	0001	2.559	0.1419	2.295	0.2409	0.1262	53	1.10	6%	0
003.14	Fat, Crude, Ankom (%)	0682	2.580	0.0000	2.295	0.2409	0.1262	53	1.18	6%	0
003.14	Fat, Crude, Ankom (%)	0004	2.585	0.1900	2.295	0.2409	0.1262	53	1.20	6%	0
003.14	Fat, Crude, Ankom (%)	0190	2.630	0.1200	2.295	0.2409	0.1262	53	1.39	7%	0
003.14	Fat, Crude, Ankom (%)	0278	2.800	0.0000	2.295	0.2409	0.1262	53	2.10	11%	0
003.14	Fat, Crude, Ankom (%)	0510	2.885	0.1100	2.295	0.2409	0.1262	53	2.45	13%	0
003.14	Fat, Crude, Ankom (%)	0265	3.015	0.0300	2.295	0.2409	0.1262	53	2.99	16%	0
003.14	Fat, Crude, Ankom (%)	0003	3.020	0.2000	2.295	0.2409	0.1262	53	3.01	16%	0
003.14	Fat, Crude, Ankom (%)	0853	2.900	1.600	2.295	0.2409	0.1262	53	2.51	13%	1
003.99	Fat, Crude, Miscellaneous (%)	0546	2.080	0.0800	2.428	0.2747	0.0760	5			0
003.99	Fat, Crude, Miscellaneous (%)	0536	2.230	0.0000	2.428	0.2747	0.0760	5			0
003.99	Fat, Crude, Miscellaneous (%)	0656	2.460	0.0000	2.428	0.2747	0.0760	5			0
003.99	Fat, Crude, Miscellaneous (%)	0941	2.620	0.2000	2.428	0.2747	0.0760	5			0
003.99	Fat, Crude, Miscellaneous (%)	0160	2.750	0.1000	2.428	0.2747	0.0760	5			0
004.00	Fiber, Crude, Asbestos Free (%)	0186	15.35	0.1000	16.81	1.502	0.2267	14	-0.97	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	15.45	0.1000	16.81	1.502	0.2267	14	-0.90	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	15.59	0.1700	16.81	1.502	0.2267	14	-0.81	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	15.71	0.3900	16.81	1.502	0.2267	14	-0.73	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	15.74	0.0600	16.81	1.502	0.2267	14	-0.71	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2326	15.93	0.4300	16.81	1.502	0.2267	14	-0.59	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	16.55	0.3000	16.81	1.502	0.2267	14	-0.17	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	16.82	0.2200	16.81	1.502	0.2267	14	0.01	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	16.90	0.0900	16.81	1.502	0.2267	14	0.06	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	17.00	0.1059	16.81	1.502	0.2267	14	0.13	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	17.52	0.2000	16.81	1.502	0.2267	14	0.47	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	18.66	0.1600	16.81	1.502	0.2267	14	1.23	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	19.20	0.0000	16.81	1.502	0.2267	14	1.59	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	19.85	0.8480	16.81	1.502	0.2267	14	2.03	9%	0
004.01	Fiber, Crude, Sing Filt (%)	2144	14.93	0.1000				1			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	13.42	1.160	15.52	1.668	0.5100	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0921	14.31	0.3100	15.52	1.668	0.5100	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	15.61	0.0500	15.52	1.668	0.5100	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	17.01	0.9300	15.52	1.668	0.5100	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	17.26	0.1000	15.52	1.668	0.5100	5			0
004.06	Fiber, Crude, Fibertec (%)	2200	14.45	0.1000	15.50	0.7110	0.2107	22	-1.47	3%	0
004.06	Fiber, Crude, Fibertec (%)	0893	14.71	0.0300	15.50	0.7110	0.2107	22	-1.11	3%	0
004.06	Fiber, Crude, Fibertec (%)	0610	14.80	0.2000	15.50	0.7110	0.2107	22	-0.98	2%	0
004.06	Fiber, Crude, Fibertec (%)	2295	14.86	0.0100	15.50	0.7110	0.2107	22	-0.90	2%	0
004.06	Fiber, Crude, Fibertec (%)	0868	14.90	0.0100	15.50	0.7110	0.2107	22	-0.85	2%	0

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004.06	Fiber, Crude, Fibertec (%)	0897	14.91	0.0100	15.50	0.7110	0.2107	22	-0.83	2%	0
004.06	Fiber, Crude, Fibertec (%)	2319	15.00	0.8000	15.50	0.7110	0.2107	22	-0.70	2%	0
004.06	Fiber, Crude, Fibertec (%)	0098	15.25	0.1100	15.50	0.7110	0.2107	22	-0.35	1%	0
004.06	Fiber, Crude, Fibertec (%)	0964	15.26	0.5300	15.50	0.7110	0.2107	22	-0.34	1%	0
004.06	Fiber, Crude, Fibertec (%)	2152	15.26	0.0200	15.50	0.7110	0.2107	22	-0.33	1%	0
004.06	Fiber, Crude, Fibertec (%)	0968	15.36	0.3700	15.50	0.7110	0.2107	22	-0.20	0%	0
004.06	Fiber, Crude, Fibertec (%)	2022	15.59	0.0300	15.50	0.7110	0.2107	22	0.12	0%	0
004.06	Fiber, Crude, Fibertec (%)	2318	15.62	0.1200	15.50	0.7110	0.2107	22	0.17	0%	0
004.06	Fiber, Crude, Fibertec (%)	0027	15.65	0.1020	15.50	0.7110	0.2107	22	0.22	1%	0
004.06	Fiber, Crude, Fibertec (%)	2006	15.69	0.0000	15.50	0.7110	0.2107	22	0.27	1%	0
004.06	Fiber, Crude, Fibertec (%)	0676	15.70	0.4900	15.50	0.7110	0.2107	22	0.28	1%	0
004.06	Fiber, Crude, Fibertec (%)	0885	16.08	0.1835	15.50	0.7110	0.2107	22	0.82	2%	0
004.06	Fiber, Crude, Fibertec (%)	0878	16.15	0.1900	15.50	0.7110	0.2107	22	0.91	2%	0
004.06	Fiber, Crude, Fibertec (%)	2199	16.20	0.4000	15.50	0.7110	0.2107	22	0.99	2%	0
004.06	Fiber, Crude, Fibertec (%)	0948	16.41	0.4900	15.50	0.7110	0.2107	22	1.28	3%	0
004.06	Fiber, Crude, Fibertec (%)	0689	16.60	0.4000	15.50	0.7110	0.2107	22	1.55	4%	0
004.06	Fiber, Crude, Fibertec (%)	0638	18.58	0.0400	15.50	0.7110	0.2107	22	4.34	10%	0
004.07	Fiber, Crude, ANKOM (%)	0042	14.06	0.1600	16.08	1.081	0.3593	64	-1.86	6%	0
004.07	Fiber, Crude, ANKOM (%)	0682	14.10	0.0000	16.08	1.081	0.3593	64	-1.83	6%	0
004.07	Fiber, Crude, ANKOM (%)	0619	14.16	0.3200	16.08	1.081	0.3593	64	-1.78	6%	0
004.07	Fiber, Crude, ANKOM (%)	0708	14.44	0.5700	16.08	1.081	0.3593	64	-1.52	5%	0
004.07	Fiber, Crude, ANKOM (%)	0144	14.50	0.3400	16.08	1.081	0.3593	64	-1.46	5%	0
004.07	Fiber, Crude, ANKOM (%)	2144	14.79	0.0900	16.08	1.081	0.3593	64	-1.19	4%	0
004.07	Fiber, Crude, ANKOM (%)	0956	14.80	1.000	16.08	1.081	0.3593	64	-1.18	4%	0
004.07	Fiber, Crude, ANKOM (%)	2193	14.84	0.5300	16.08	1.081	0.3593	64	-1.15	4%	0
004.07	Fiber, Crude, ANKOM (%)	0643	14.98	0.0700	16.08	1.081	0.3593	64	-1.02	3%	0
004.07	Fiber, Crude, ANKOM (%)	0910	15.00	0.4000	16.08	1.081	0.3593	64	-1.00	3%	0
004.07	Fiber, Crude, ANKOM (%)	0968	15.16	0.0600	16.08	1.081	0.3593	64	-0.85	3%	0
004.07	Fiber, Crude, ANKOM (%)	0028	15.25	0.3000	16.08	1.081	0.3593	64	-0.76	3%	0
004.07	Fiber, Crude, ANKOM (%)	2259	15.26	0.0050	16.08	1.081	0.3593	64	-0.76	3%	0
004.07	Fiber, Crude, ANKOM (%)	0589	15.27	0.1900	16.08	1.081	0.3593	64	-0.75	3%	0
004.07	Fiber, Crude, ANKOM (%)	0505	15.27	0.0600	16.08	1.081	0.3593	64	-0.75	3%	0
004.07	Fiber, Crude, ANKOM (%)	2188	15.35	0.0000	16.08	1.081	0.3593	64	-0.67	2%	0
004.07	Fiber, Crude, ANKOM (%)	0265	15.40	0.4000	16.08	1.081	0.3593	64	-0.63	2%	0
004.07	Fiber, Crude, ANKOM (%)	0881	15.42	0.3300	16.08	1.081	0.3593	64	-0.61	2%	0
004.07	Fiber, Crude, ANKOM (%)	0100	15.55	0.0700	16.08	1.081	0.3593	64	-0.49	2%	0
004.07	Fiber, Crude, ANKOM (%)	0190	15.55	0.3000	16.08	1.081	0.3593	64	-0.49	2%	0
004.07	Fiber, Crude, ANKOM (%)	0726	15.56	0.0200	16.08	1.081	0.3593	64	-0.48	2%	0
004.07	Fiber, Crude, ANKOM (%)	2109	15.57	0.0500	16.08	1.081	0.3593	64	-0.47	2%	0
004.07	Fiber, Crude, ANKOM (%)	0038	15.59	0.3100	16.08	1.081	0.3593	64	-0.45	2%	0
004.07	Fiber, Crude, ANKOM (%)	0914	15.60	0.6000	16.08	1.081	0.3593	64	-0.44	1%	0
004.07	Fiber, Crude, ANKOM (%)	2181	15.62	0.7300	16.08	1.081	0.3593	64	-0.43	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			
004.07	Fiber, Crude, ANKOM (%)	0123	15.65	0.1400	16.08	1.081	0.3593	64	-0.39	1%	0
004.07	Fiber, Crude, ANKOM (%)	0510	15.72	0.0300	16.08	1.081	0.3593	64	-0.33	1%	0
004.07	Fiber, Crude, ANKOM (%)	0675	15.95	0.0300	16.08	1.081	0.3593	64	-0.12	0%	0
004.07	Fiber, Crude, ANKOM (%)	0529	15.95	0.0400	16.08	1.081	0.3593	64	-0.12	0%	0
004.07	Fiber, Crude, ANKOM (%)	0876	15.95	0.3000	16.08	1.081	0.3593	64	-0.12	0%	0
004.07	Fiber, Crude, ANKOM (%)	0083	16.03	0.0100	16.08	1.081	0.3593	64	-0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0581	16.05	0.7000	16.08	1.081	0.3593	64	-0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0278	16.05	0.1000	16.08	1.081	0.3593	64	-0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0035	16.06	0.0100	16.08	1.081	0.3593	64	-0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0009	16.08	0.2700	16.08	1.081	0.3593	64	0.00	0%	0
004.07	Fiber, Crude, ANKOM (%)	0354	16.08	0.0200	16.08	1.081	0.3593	64	0.00	0%	0
004.07	Fiber, Crude, ANKOM (%)	0590	16.15	0.5000	16.08	1.081	0.3593	64	0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0520	16.25	0.3000	16.08	1.081	0.3593	64	0.16	1%	0
004.07	Fiber, Crude, ANKOM (%)	0098	16.31	0.5000	16.08	1.081	0.3593	64	0.22	1%	0
004.07	Fiber, Crude, ANKOM (%)	0160	16.35	1.900	16.08	1.081	0.3593	64	0.25	1%	0
004.07	Fiber, Crude, ANKOM (%)	2196	16.37	0.0000	16.08	1.081	0.3593	64	0.27	1%	0
004.07	Fiber, Crude, ANKOM (%)	0693	16.44	1.548	16.08	1.081	0.3593	64	0.34	1%	0
004.07	Fiber, Crude, ANKOM (%)	0407	16.47	0.1921	16.08	1.081	0.3593	64	0.36	1%	0
004.07	Fiber, Crude, ANKOM (%)	0870	16.48	0.8682	16.08	1.081	0.3593	64	0.38	1%	0
004.07	Fiber, Crude, ANKOM (%)	2302	16.50	0.0500	16.08	1.081	0.3593	64	0.39	1%	0
004.07	Fiber, Crude, ANKOM (%)	0066	16.58	0.5100	16.08	1.081	0.3593	64	0.46	2%	0
004.07	Fiber, Crude, ANKOM (%)	0229	16.68	1.400	16.08	1.081	0.3593	64	0.56	2%	0
004.07	Fiber, Crude, ANKOM (%)	0553	16.86	0.1700	16.08	1.081	0.3593	64	0.72	2%	0
004.07	Fiber, Crude, ANKOM (%)	2009	16.95	0.1265	16.08	1.081	0.3593	64	0.81	3%	0
004.07	Fiber, Crude, ANKOM (%)	0032	16.96	0.1800	16.08	1.081	0.3593	64	0.82	3%	0
004.07	Fiber, Crude, ANKOM (%)	0034	16.98	0.8400	16.08	1.081	0.3593	64	0.84	3%	0
004.07	Fiber, Crude, ANKOM (%)	0263	17.02	0.1142	16.08	1.081	0.3593	64	0.88	3%	0
004.07	Fiber, Crude, ANKOM (%)	0939	17.14	0.2800	16.08	1.081	0.3593	64	0.98	3%	0
004.07	Fiber, Crude, ANKOM (%)	0848	17.16	0.1300	16.08	1.081	0.3593	64	1.00	3%	0
004.07	Fiber, Crude, ANKOM (%)	0948	17.18	0.0300	16.08	1.081	0.3593	64	1.02	3%	0
004.07	Fiber, Crude, ANKOM (%)	2146	17.23	0.3200	16.08	1.081	0.3593	64	1.07	4%	0
004.07	Fiber, Crude, ANKOM (%)	0004	17.32	1.880	16.08	1.081	0.3593	64	1.15	4%	0
004.07	Fiber, Crude, ANKOM (%)	0202	17.65	0.3200	16.08	1.081	0.3593	64	1.46	5%	0
004.07	Fiber, Crude, ANKOM (%)	0089	18.42	0.1800	16.08	1.081	0.3593	64	2.17	7%	0
004.07	Fiber, Crude, ANKOM (%)	0511	18.50	1.000	16.08	1.081	0.3593	64	2.24	8%	0
004.07	Fiber, Crude, ANKOM (%)	0536	18.75	0.1100	16.08	1.081	0.3593	64	2.47	8%	0
004.07	Fiber, Crude, ANKOM (%)	0598	19.06	0.8700	16.08	1.081	0.3593	64	2.76	9%	0
004.07	Fiber, Crude, ANKOM (%)	0298	19.33	0.0200	16.08	1.081	0.3593	64	3.01	10%	0
004.07	Fiber, Crude, ANKOM (%)	0294	20.45	0.1000	16.08	1.081	0.3593	64	4.05	14%	0
004.07	Fiber, Crude, ANKOM (%)	0045	20.00	2.000	16.08	1.081	0.3593	64	3.63	12%	1
004.11	Fiber, Crude, NIR (%)	2302	14.86	0.0300				3			0
004.11	Fiber, Crude, NIR (%)	0889	15.52	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			
004.11	Fiber, Crude, NIR (%)	0852	15.68	0.0100				3			0
004.11	Fiber, Crude, NIR (%)	0553	13.47	0.5000				3			1
004.99	Fiber, Crude, Miscellaneous (%)	2146	15.49	0.0400				1			0
005.00	Ash, 2h @ 600°C (%)	0169	9.960	0.0400	10.59	0.3233	0.0957	70	-1.95	3%	0
005.00	Ash, 2h @ 600°C (%)	0164	9.965	0.0300	10.59	0.3233	0.0957	70	-1.93	3%	0
005.00	Ash, 2h @ 600°C (%)	0144	10.03	0.0400	10.59	0.3233	0.0957	70	-1.73	3%	0
005.00	Ash, 2h @ 600°C (%)	0953	10.11	0.1700	10.59	0.3233	0.0957	70	-1.50	2%	0
005.00	Ash, 2h @ 600°C (%)	0297	10.14	0.1300	10.59	0.3233	0.0957	70	-1.41	2%	0
005.00	Ash, 2h @ 600°C (%)	0425	10.15	0.1100	10.59	0.3233	0.0957	70	-1.38	2%	0
005.00	Ash, 2h @ 600°C (%)	2199	10.15	0.1000	10.59	0.3233	0.0957	70	-1.36	2%	0
005.00	Ash, 2h @ 600°C (%)	2268	10.17	0.0800	10.59	0.3233	0.0957	70	-1.30	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	10.20	0.0000	10.59	0.3233	0.0957	70	-1.21	2%	0
005.00	Ash, 2h @ 600°C (%)	0042	10.25	0.0100	10.59	0.3233	0.0957	70	-1.07	2%	0
005.00	Ash, 2h @ 600°C (%)	2200	10.25	0.1000	10.59	0.3233	0.0957	70	-1.05	2%	0
005.00	Ash, 2h @ 600°C (%)	0881	10.26	0.1410	10.59	0.3233	0.0957	70	-1.03	2%	0
005.00	Ash, 2h @ 600°C (%)	0539	10.27	0.1300	10.59	0.3233	0.0957	70	-1.00	2%	0
005.00	Ash, 2h @ 600°C (%)	0049	10.27	0.1400	10.59	0.3233	0.0957	70	-0.99	2%	0
005.00	Ash, 2h @ 600°C (%)	0278	10.31	0.1300	10.59	0.3233	0.0957	70	-0.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	10.31	0.0800	10.59	0.3233	0.0957	70	-0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	2184	10.35	0.2600	10.59	0.3233	0.0957	70	-0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	10.36	0.0100	10.59	0.3233	0.0957	70	-0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	10.38	0.0000	10.59	0.3233	0.0957	70	-0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	10.40	0.3900	10.59	0.3233	0.0957	70	-0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	10.41	0.1000	10.59	0.3233	0.0957	70	-0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	10.41	0.0200	10.59	0.3233	0.0957	70	-0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	10.43	0.1000	10.59	0.3233	0.0957	70	-0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	10.44	0.0200	10.59	0.3233	0.0957	70	-0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0574	10.45	0.2100	10.59	0.3233	0.0957	70	-0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	10.46	0.0500	10.59	0.3233	0.0957	70	-0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	2326	10.53	0.0300	10.59	0.3233	0.0957	70	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0033	10.55	0.1000	10.59	0.3233	0.0957	70	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	10.55	0.3000	10.59	0.3233	0.0957	70	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	10.59	0.0400	10.59	0.3233	0.0957	70	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	10.62	0.0100	10.59	0.3233	0.0957	70	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	10.62	0.1900	10.59	0.3233	0.0957	70	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	2076	10.63	0.0937	10.59	0.3233	0.0957	70	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	10.64	0.1500	10.59	0.3233	0.0957	70	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	10.64	0.0200	10.59	0.3233	0.0957	70	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	2188	10.64	0.0000	10.59	0.3233	0.0957	70	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	10.65	0.2300	10.59	0.3233	0.0957	70	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	10.65	0.2000	10.59	0.3233	0.0957	70	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	2193	10.66	0.0100	10.59	0.3233	0.0957	70	0.20	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0098	10.66	0.1400	10.59	0.3233	0.0957	70	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0656	10.66	0.0000	10.59	0.3233	0.0957	70	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	10.66	0.0000	10.59	0.3233	0.0957	70	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	10.67	0.2825	10.59	0.3233	0.0957	70	0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	10.67	0.0000	10.59	0.3233	0.0957	70	0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	10.70	0.0100	10.59	0.3233	0.0957	70	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	10.70	0.2000	10.59	0.3233	0.0957	70	0.34	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	10.70	0.0000	10.59	0.3233	0.0957	70	0.34	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	10.74	0.0900	10.59	0.3233	0.0957	70	0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	10.75	0.0300	10.59	0.3233	0.0957	70	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	2302	10.75	0.1500	10.59	0.3233	0.0957	70	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	10.75	0.0000	10.59	0.3233	0.0957	70	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	10.78	0.0244	10.59	0.3233	0.0957	70	0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	2259	10.79	0.1200	10.59	0.3233	0.0957	70	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	2181	10.81	0.0600	10.59	0.3233	0.0957	70	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	10.82	0.0300	10.59	0.3233	0.0957	70	0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0062	10.82	0.0940	10.59	0.3233	0.0957	70	0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	10.83	0.0000	10.59	0.3233	0.0957	70	0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	10.85	0.2100	10.59	0.3233	0.0957	70	0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	10.87	0.0400	10.59	0.3233	0.0957	70	0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0123	10.90	0.0100	10.59	0.3233	0.0957	70	0.94	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	10.90	0.0600	10.59	0.3233	0.0957	70	0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	10.94	0.1000	10.59	0.3233	0.0957	70	1.08	2%	0
005.00	Ash, 2h @ 600°C (%)	0675	11.00	0.2500	10.59	0.3233	0.0957	70	1.25	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	11.03	0.0700	10.59	0.3233	0.0957	70	1.35	2%	0
005.00	Ash, 2h @ 600°C (%)	0242	11.07	0.1300	10.59	0.3233	0.0957	70	1.47	2%	0
005.00	Ash, 2h @ 600°C (%)	0520	11.15	0.0400	10.59	0.3233	0.0957	70	1.73	3%	0
005.00	Ash, 2h @ 600°C (%)	0581	11.48	0.4300	10.59	0.3233	0.0957	70	2.74	4%	0
005.00	Ash, 2h @ 600°C (%)	0345	11.48	0.0400	10.59	0.3233	0.0957	70	2.75	4%	0
005.00	Ash, 2h @ 600°C (%)	0852	11.50	0.0000	10.59	0.3233	0.0957	70	2.82	4%	0
005.00	Ash, 2h @ 600°C (%)	0226	12.13	0.1200	10.59	0.3233	0.0957	70	4.76	7%	0
005.00	Ash, 2h @ 600°C (%)	0693	9.800	1.252	10.59	0.3233	0.0957	70	-2.44	4%	1
005.00	Ash, 2h @ 600°C (%)	0853	11.80	1.800	10.59	0.3233	0.0957	70	3.74	6%	1
005.02	Ash, LECO (%)	0644	10.47	0.0200				2			0
005.02	Ash, LECO (%)	0968	10.65	0.0600				2			0
005.03	Ash, Microwave furnace (%)	0912	10.65	0.1000				1			0
005.05	Ash, 3h @ 550°C (%)	0726	10.15	0.0200	10.84	0.2626	0.0840	24	-2.64	3%	0
005.05	Ash, 3h @ 550°C (%)	2318	10.31	0.1000	10.84	0.2626	0.0840	24	-2.03	2%	0
005.05	Ash, 3h @ 550°C (%)	0893	10.48	0.0100	10.84	0.2626	0.0840	24	-1.40	2%	0
005.05	Ash, 3h @ 550°C (%)	2295	10.51	0.0100	10.84	0.2626	0.0840	24	-1.28	2%	0
005.05	Ash, 3h @ 550°C (%)	0263	10.56	0.1148	10.84	0.2626	0.0840	24	-1.09	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	10.62	0.0500	10.84	0.2626	0.0840	24	-0.87	1%	0

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005.05	Ash, 3h @ 550°C (%)	2291	10.70	0.1100	10.84	0.2626	0.0840	24	-0.56	1%	0
005.05	Ash, 3h @ 550°C (%)	0868	10.78	0.0800	10.84	0.2626	0.0840	24	-0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	10.80	0.1100	10.84	0.2626	0.0840	24	-0.18	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	10.83	0.0000	10.84	0.2626	0.0840	24	-0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	10.90	0.2632	10.84	0.2626	0.0840	24	0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	10.90	0.0000	10.84	0.2626	0.0840	24	0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	10.90	0.2000	10.84	0.2626	0.0840	24	0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	0638	10.90	0.0000	10.84	0.2626	0.0840	24	0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	0897	10.90	0.0000	10.84	0.2626	0.0840	24	0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	10.95	0.1000	10.84	0.2626	0.0840	24	0.41	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	10.95	0.1000	10.84	0.2626	0.0840	24	0.41	0%	0
005.05	Ash, 3h @ 550°C (%)	2192	11.02	0.2900	10.84	0.2626	0.0840	24	0.66	1%	0
005.05	Ash, 3h @ 550°C (%)	0878	11.02	0.0400	10.84	0.2626	0.0840	24	0.68	1%	0
005.05	Ash, 3h @ 550°C (%)	2009	11.05	0.0123	10.84	0.2626	0.0840	24	0.80	1%	0
005.05	Ash, 3h @ 550°C (%)	0034	11.12	0.1160	10.84	0.2626	0.0840	24	1.07	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	11.13	0.1900	10.84	0.2626	0.0840	24	1.08	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	11.16	0.0200	10.84	0.2626	0.0840	24	1.21	1%	0
005.05	Ash, 3h @ 550°C (%)	2246	11.17	0.0800	10.84	0.2626	0.0840	24	1.25	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	11.33	0.7610	10.84	0.2626	0.0840	24	1.84	2%	1
005.11	Ash, NIR (%)	0852	6.155	0.0500				3			0
005.11	Ash, NIR (%)	0297	7.465	1.250				3			0
005.11	Ash, NIR (%)	0889	11.03	0.0500				3			0
005.99	Ash, Miscellaneous (%)	2081	9.235	0.0500	10.55	0.7897	0.0571	7	-1.66	6%	0
005.99	Ash, Miscellaneous (%)	0546	9.785	0.1300	10.55	0.7897	0.0571	7	-0.96	4%	0
005.99	Ash, Miscellaneous (%)	0536	10.67	0.0200	10.55	0.7897	0.0571	7	0.16	1%	0
005.99	Ash, Miscellaneous (%)	0884	10.80	0.0000	10.55	0.7897	0.0571	7	0.32	1%	0
005.99	Ash, Miscellaneous (%)	0202	11.00	0.0900	10.55	0.7897	0.0571	7	0.57	2%	0
005.99	Ash, Miscellaneous (%)	0676	11.02	0.1100	10.55	0.7897	0.0571	7	0.59	2%	0
005.99	Ash, Miscellaneous (%)	0652	11.20	0.0000	10.55	0.7897	0.0571	7	0.83	3%	0
005.99	Ash, Miscellaneous (%)	0910	11.30	0.4000	10.55	0.7897	0.0571	7	0.95	4%	1
006.00	Total Sugars, As sucrose (%)	0910	3.755	0.0300	4.038	0.3957	0.1918	4			0
006.00	Total Sugars, As sucrose (%)	0407	3.767	0.0370	4.038	0.3957	0.1918	4			0
006.00	Total Sugars, As sucrose (%)	2192	4.030	0.5000	4.038	0.3957	0.1918	4			0
006.00	Total Sugars, As sucrose (%)	2319	4.600	0.2000	4.038	0.3957	0.1918	4			0
006.05	Total Sugars, TSI, Lane-Eunon (12th) (%)	0171	3.900	0.6000				1			0
006.99	Total Sugars, Miscellaneous (%)	0148	2.500	0.0600	4.876	2.040	0.0700	6	-1.16	24%	0
006.99	Total Sugars, Miscellaneous (%)	0939	4.075	0.0900	4.876	2.040	0.0700	6	-0.39	8%	0
006.99	Total Sugars, Miscellaneous (%)	0956	4.350	0.1000	4.876	2.040	0.0700	6	-0.26	5%	0
006.99	Total Sugars, Miscellaneous (%)	0610	5.045	0.0700	4.876	2.040	0.0700	6	0.08	2%	0
006.99	Total Sugars, Miscellaneous (%)	0912	5.350	0.1000	4.876	2.040	0.0700	6	0.23	5%	0
006.99	Total Sugars, Miscellaneous (%)	0656	8.040	0.0000	4.876	2.040	0.0700	6	1.55	32%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	19.68	0.2800	21.60	0.8699	0.2328	13	-2.21	4%	0

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008.02	Fiber, Acid Detergent, Crucible (%)	2318	20.75	0.1300	21.60	0.8699	0.2328	13	-0.99	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	20.98	0.1500	21.60	0.8699	0.2328	13	-0.72	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	21.10	0.0000	21.60	0.8699	0.2328	13	-0.58	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	21.11	0.5900	21.60	0.8699	0.2328	13	-0.57	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	21.34	0.0100	21.60	0.8699	0.2328	13	-0.31	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	21.34	0.1400	21.60	0.8699	0.2328	13	-0.30	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	22.04	0.3800	21.60	0.8699	0.2328	13	0.50	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	22.11	0.1766	21.60	0.8699	0.2328	13	0.58	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	22.13	0.0600	21.60	0.8699	0.2328	13	0.60	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	22.31	0.7800	21.60	0.8699	0.2328	13	0.81	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0171	22.55	0.1000	21.60	0.8699	0.2328	13	1.09	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	22.82	0.2300	21.60	0.8699	0.2328	13	1.39	3%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	23.10	0.4000				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	18.27	0.2000	21.13	1.193	0.2875	44	-2.40	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	18.71	0.2200	21.13	1.193	0.2875	44	-2.03	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	18.77	0.5200	21.13	1.193	0.2875	44	-1.98	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	19.01	0.1600	21.13	1.193	0.2875	44	-1.78	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	19.50	0.2000	21.13	1.193	0.2875	44	-1.37	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0656	19.83	0.0000	21.13	1.193	0.2875	44	-1.09	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	19.90	0.4400	21.13	1.193	0.2875	44	-1.03	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	20.10	0.8200	21.13	1.193	0.2875	44	-0.86	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0160	20.20	0.0000	21.13	1.193	0.2875	44	-0.78	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	20.20	0.1200	21.13	1.193	0.2875	44	-0.78	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	20.29	0.2600	21.13	1.193	0.2875	44	-0.71	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	20.30	1.030	21.13	1.193	0.2875	44	-0.70	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	20.52	0.3900	21.13	1.193	0.2875	44	-0.52	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	20.57	0.4600	21.13	1.193	0.2875	44	-0.47	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2193	20.66	0.2100	21.13	1.193	0.2875	44	-0.40	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2146	20.72	0.6300	21.13	1.193	0.2875	44	-0.35	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	20.84	0.6500	21.13	1.193	0.2875	44	-0.25	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	20.85	0.1000	21.13	1.193	0.2875	44	-0.24	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	20.87	0.7091	21.13	1.193	0.2875	44	-0.22	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	20.87	0.0000	21.13	1.193	0.2875	44	-0.22	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	21.05	0.1000	21.13	1.193	0.2875	44	-0.07	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	21.09	0.1300	21.13	1.193	0.2875	44	-0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	21.10	0.5900	21.13	1.193	0.2875	44	-0.03	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	21.35	0.1000	21.13	1.193	0.2875	44	0.18	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	21.43	0.0888	21.13	1.193	0.2875	44	0.25	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	21.50	0.2000	21.13	1.193	0.2875	44	0.31	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	21.57	0.3500	21.13	1.193	0.2875	44	0.36	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	21.59	0.9299	21.13	1.193	0.2875	44	0.39	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0912	21.60	0.2000	21.13	1.193	0.2875	44	0.39	1%	0

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008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	21.62	0.0650	21.13	1.193	0.2875	44	0.41	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	21.63	0.2300	21.13	1.193	0.2875	44	0.41	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	21.72	0.1000	21.13	1.193	0.2875	44	0.49	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	21.75	0.2200	21.13	1.193	0.2875	44	0.52	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0878	21.87	0.0300	21.13	1.193	0.2875	44	0.62	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	22.04	0.1300	21.13	1.193	0.2875	44	0.76	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	22.10	0.5610	21.13	1.193	0.2875	44	0.81	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	22.34	0.2300	21.13	1.193	0.2875	44	1.01	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	22.43	0.1650	21.13	1.193	0.2875	44	1.09	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	22.49	0.1400	21.13	1.193	0.2875	44	1.14	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	22.59	0.2000	21.13	1.193	0.2875	44	1.22	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	22.80	0.2000	21.13	1.193	0.2875	44	1.40	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	22.82	0.1700	21.13	1.193	0.2875	44	1.41	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	22.85	0.1000	21.13	1.193	0.2875	44	1.44	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	23.75	0.3000	21.13	1.193	0.2875	44	2.20	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0590	20.60	1.400	21.13	1.193	0.2875	44	-0.45	1%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0511	22.25	1.100				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	2326	22.83	0.4800				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	201.5	1.000				3			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	2246	41.59	0.6300				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2318	29.62	0.1600	38.50	1.881	0.4019	13	-4.72	12%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	34.30	0.4000	38.50	1.881	0.4019	13	-2.23	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	37.60	0.4000	38.50	1.881	0.4019	13	-0.48	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	37.80	0.3400	38.50	1.881	0.4019	13	-0.37	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0964	38.15	0.8750	38.50	1.881	0.4019	13	-0.19	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	38.15	0.5000	38.50	1.881	0.4019	13	-0.19	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	38.19	0.2700	38.50	1.881	0.4019	13	-0.17	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	38.56	0.1000	38.50	1.881	0.4019	13	0.03	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	39.61	0.3898	38.50	1.881	0.4019	13	0.59	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	39.63	0.2100	38.50	1.881	0.4019	13	0.60	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	39.95	0.5000	38.50	1.881	0.4019	13	0.77	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	40.20	0.8000	38.50	1.881	0.4019	13	0.90	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2246	44.28	0.2800	38.50	1.881	0.4019	13	3.07	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	34.43	0.2500	37.19	1.314	0.4129	42	-2.10	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	34.90	0.1400	37.19	1.314	0.4129	42	-1.74	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	34.90	0.0400	37.19	1.314	0.4129	42	-1.74	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	35.53	0.3600	37.19	1.314	0.4129	42	-1.26	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	35.58	0.4600	37.19	1.314	0.4129	42	-1.22	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	35.60	0.6000	37.19	1.314	0.4129	42	-1.21	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	35.80	0.2000	37.19	1.314	0.4129	42	-1.06	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	35.94	0.0100	37.19	1.314	0.4129	42	-0.95	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0160	36.15	1.100	37.19	1.314	0.4129	42	-0.79	1%	0

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009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	36.27	0.1246	37.19	1.314	0.4129	42	-0.70	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	36.35	0.1000	37.19	1.314	0.4129	42	-0.64	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0656	36.39	0.0000	37.19	1.314	0.4129	42	-0.61	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	36.45	0.1000	37.19	1.314	0.4129	42	-0.56	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0912	36.50	0.8000	37.19	1.314	0.4129	42	-0.52	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	36.53	0.4000	37.19	1.314	0.4129	42	-0.50	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2193	36.72	0.6200	37.19	1.314	0.4129	42	-0.36	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	36.81	0.0400	37.19	1.314	0.4129	42	-0.29	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0035	36.84	0.0600	37.19	1.314	0.4129	42	-0.27	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	37.06	0.8800	37.19	1.314	0.4129	42	-0.10	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	37.19	1.280	37.19	1.314	0.4129	42	0.00	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2146	37.24	0.7200	37.19	1.314	0.4129	42	0.04	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	37.30	0.8000	37.19	1.314	0.4129	42	0.08	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	37.45	0.3000	37.19	1.314	0.4129	42	0.20	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	37.46	0.1500	37.19	1.314	0.4129	42	0.20	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	37.53	0.1300	37.19	1.314	0.4129	42	0.26	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	37.64	0.0506	37.19	1.314	0.4129	42	0.34	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	37.70	0.5900	37.19	1.314	0.4129	42	0.38	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	37.74	0.0000	37.19	1.314	0.4129	42	0.42	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	37.79	0.2790	37.19	1.314	0.4129	42	0.46	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0638	37.80	0.0000	37.19	1.314	0.4129	42	0.46	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0878	37.99	0.3200	37.19	1.314	0.4129	42	0.61	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	38.05	0.0700	37.19	1.314	0.4129	42	0.65	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	38.36	0.2900	37.19	1.314	0.4129	42	0.89	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2302	38.40	0.7100	37.19	1.314	0.4129	42	0.92	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	38.40	0.2000	37.19	1.314	0.4129	42	0.92	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	38.45	0.5090	37.19	1.314	0.4129	42	0.96	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	38.53	0.2500	37.19	1.314	0.4129	42	1.02	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	38.59	0.4900	37.19	1.314	0.4129	42	1.06	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	38.74	0.4806	37.19	1.314	0.4129	42	1.18	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	39.35	2.900	37.19	1.314	0.4129	42	1.64	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	40.10	0.4400	37.19	1.314	0.4129	42	2.21	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	40.55	0.1000	37.19	1.314	0.4129	42	2.56	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0590	42.25	4.700	37.19	1.314	0.4129	42	3.85	7%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	18.90	0.0300	37.19	1.314	0.4129	42	-13.92	25%	2
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	32.16	0.3000				2			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	2326	39.72	0.4100				2			0
010.03	Moisture, Karl-Fischer (%)	0164	7.070	0.0200				2			0
010.03	Moisture, Karl-Fischer (%)	0843	7.965	0.0700				2			0
010.11	Moisture, NIR (%)	0889	8.100	0.0200				3			0
010.11	Moisture, NIR (%)	0852	8.750	0.1000				3			0
010.11	Moisture, NIR (%)	2302	10.82	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			
010.99	Moisture, Miscellaneous (%)	0546	7.430	0.2600	8.144	0.4101	0.1175	12	-1.74	4%	0
010.99	Moisture, Miscellaneous (%)	0726	7.730	0.0000	8.144	0.4101	0.1175	12	-1.01	3%	0
010.99	Moisture, Miscellaneous (%)	0948	7.860	0.0400	8.144	0.4101	0.1175	12	-0.69	2%	0
010.99	Moisture, Miscellaneous (%)	2089	7.985	0.1100	8.144	0.4101	0.1175	12	-0.39	1%	0
010.99	Moisture, Miscellaneous (%)	0884	8.050	0.1000	8.144	0.4101	0.1175	12	-0.23	1%	0
010.99	Moisture, Miscellaneous (%)	0939	8.115	0.1700	8.144	0.4101	0.1175	12	-0.07	0%	0
010.99	Moisture, Miscellaneous (%)	0652	8.150	0.3000	8.144	0.4101	0.1175	12	0.01	0%	0
010.99	Moisture, Miscellaneous (%)	2150	8.165	0.0700	8.144	0.4101	0.1175	12	0.05	0%	0
010.99	Moisture, Miscellaneous (%)	2076	8.220	0.0600	8.144	0.4101	0.1175	12	0.18	0%	0
010.99	Moisture, Miscellaneous (%)	0190	8.560	0.0400	8.144	0.4101	0.1175	12	1.01	3%	0
010.99	Moisture, Miscellaneous (%)	2178	8.610	0.2000	8.144	0.4101	0.1175	12	1.14	3%	0
010.99	Moisture, Miscellaneous (%)	0914	8.900	0.0600	8.144	0.4101	0.1175	12	1.84	5%	0
010.99	Moisture, Miscellaneous (%)	2129	8.350	1.044	8.144	0.4101	0.1175	12	0.50	1%	1
011.01	Loss on Drying, 135°C 2hr (%)	2199	8.000	0.6000	8.987	0.4670	0.1209	58	-2.11	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2200	8.000	0.4000	8.987	0.4670	0.1209	58	-2.11	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	8.130	0.0200	8.987	0.4670	0.1209	58	-1.83	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	8.300	0.0000	8.987	0.4670	0.1209	58	-1.47	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	8.310	0.3200	8.987	0.4670	0.1209	58	-1.45	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	8.325	0.0070	8.987	0.4670	0.1209	58	-1.42	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	8.325	0.0100	8.987	0.4670	0.1209	58	-1.42	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	8.350	0.3000	8.987	0.4670	0.1209	58	-1.36	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	8.350	0.0000	8.987	0.4670	0.1209	58	-1.36	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2326	8.395	0.1500	8.987	0.4670	0.1209	58	-1.27	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	8.480	0.0400	8.987	0.4670	0.1209	58	-1.08	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	8.522	0.1740	8.987	0.4670	0.1209	58	-0.99	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	8.675	0.0100	8.987	0.4670	0.1209	58	-0.67	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	8.700	0.0000	8.987	0.4670	0.1209	58	-0.61	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	8.700	0.2000	8.987	0.4670	0.1209	58	-0.61	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	8.735	0.2700	8.987	0.4670	0.1209	58	-0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2168	8.740	0.0800	8.987	0.4670	0.1209	58	-0.53	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0425	8.750	0.0200	8.987	0.4670	0.1209	58	-0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2181	8.750	0.4000	8.987	0.4670	0.1209	58	-0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	8.825	0.0500	8.987	0.4670	0.1209	58	-0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	8.840	0.0000	8.987	0.4670	0.1209	58	-0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	8.855	0.1500	8.987	0.4670	0.1209	58	-0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	8.875	0.0500	8.987	0.4670	0.1209	58	-0.24	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	8.945	0.0300	8.987	0.4670	0.1209	58	-0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2174	8.955	0.0700	8.987	0.4670	0.1209	58	-0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	8.990	0.0200	8.987	0.4670	0.1209	58	0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	9.005	0.0500	8.987	0.4670	0.1209	58	0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	9.061	0.1120	8.987	0.4670	0.1209	58	0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2196	9.070	0.0000	8.987	0.4670	0.1209	58	0.18	0%	0

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011.01	Loss on Drying, 135°C 2hr (%)	0541	9.075	0.0100	8.987	0.4670	0.1209	58	0.19	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	9.105	0.1900	8.987	0.4670	0.1209	58	0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2057	9.112	0.0872	8.987	0.4670	0.1209	58	0.27	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	9.130	0.2400	8.987	0.4670	0.1209	58	0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	9.150	0.1000	8.987	0.4670	0.1209	58	0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	9.160	0.1200	8.987	0.4670	0.1209	58	0.37	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2268	9.170	0.0400	8.987	0.4670	0.1209	58	0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	9.210	0.3400	8.987	0.4670	0.1209	58	0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2184	9.220	0.0400	8.987	0.4670	0.1209	58	0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	9.221	0.0581	8.987	0.4670	0.1209	58	0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	9.250	0.1000	8.987	0.4670	0.1209	58	0.56	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	9.265	0.3100	8.987	0.4670	0.1209	58	0.60	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	9.285	0.0100	8.987	0.4670	0.1209	58	0.64	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	9.315	0.2900	8.987	0.4670	0.1209	58	0.70	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	9.320	0.0000	8.987	0.4670	0.1209	58	0.71	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2193	9.320	0.2600	8.987	0.4670	0.1209	58	0.71	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2302	9.330	0.0600	8.987	0.4670	0.1209	58	0.74	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	9.355	0.1700	8.987	0.4670	0.1209	58	0.79	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	9.395	0.0500	8.987	0.4670	0.1209	58	0.87	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	9.425	0.1300	8.987	0.4670	0.1209	58	0.94	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	9.435	0.2700	8.987	0.4670	0.1209	58	0.96	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	9.440	0.0000	8.987	0.4670	0.1209	58	0.97	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	9.460	0.0400	8.987	0.4670	0.1209	58	1.01	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.465	0.2300	8.987	0.4670	0.1209	58	1.02	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	9.485	0.0700	8.987	0.4670	0.1209	58	1.07	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	9.520	0.0800	8.987	0.4670	0.1209	58	1.14	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	9.540	0.0400	8.987	0.4670	0.1209	58	1.19	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	9.730	0.1200	8.987	0.4670	0.1209	58	1.59	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.22	0.0231	8.987	0.4670	0.1209	58	2.65	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	9.850	0.8000	8.987	0.4670	0.1209	58	1.85	5%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	8.695	0.0100				2			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0529	9.150	0.0400				2			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	2291	8.380	0.0800	8.737	0.3996	0.1018	4			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	8.450	0.1000	8.737	0.3996	0.1018	4			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	2303	8.883	0.1770	8.737	0.3996	0.1018	4			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0852	9.235	0.0500	8.737	0.3996	0.1018	4			0
012.00	Starch, Polarimetric (Ewers) (%)	0848	14.66	0.0000	15.89	0.5376	0.1368	16	-2.29	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	0939	15.25	0.0500	15.89	0.5376	0.1368	16	-1.21	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	15.38	0.0300	15.89	0.5376	0.1368	16	-0.96	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	15.40	0.2000	15.89	0.5376	0.1368	16	-0.92	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	15.60	0.2000	15.89	0.5376	0.1368	16	-0.55	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	15.65	0.3000	15.89	0.5376	0.1368	16	-0.45	1%	0

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012.00	Starch, Polarimetric (Ewers) (%)	0941	15.84	0.2100	15.89	0.5376	0.1368	16	-0.11	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	15.85	0.1000	15.89	0.5376	0.1368	16	-0.08	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	15.97	0.0000	15.89	0.5376	0.1368	16	0.14	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	16.02	0.1600	15.89	0.5376	0.1368	16	0.24	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	16.15	0.3000	15.89	0.5376	0.1368	16	0.48	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	16.25	0.1000	15.89	0.5376	0.1368	16	0.66	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	16.28	0.0386	15.89	0.5376	0.1368	16	0.72	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	16.33	0.0500	15.89	0.5376	0.1368	16	0.80	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	16.56	0.0500	15.89	0.5376	0.1368	16	1.23	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	17.30	0.4000	15.89	0.5376	0.1368	16	2.62	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0910	13.15	0.1000	15.08	1.107	0.2588	13	-1.75	6%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	14.20	0.6000	15.08	1.107	0.2588	13	-0.80	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0885	14.33	0.6781	15.08	1.107	0.2588	13	-0.68	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	14.50	0.0000	15.08	1.107	0.2588	13	-0.53	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0096	14.57	0.1500	15.08	1.107	0.2588	13	-0.47	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2022	14.83	0.0600	15.08	1.107	0.2588	13	-0.23	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	14.99	0.2500	15.08	1.107	0.2588	13	-0.09	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	15.00	0.0768	15.08	1.107	0.2588	13	-0.07	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	15.29	0.2090	15.08	1.107	0.2588	13	0.19	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	15.40	0.6000	15.08	1.107	0.2588	13	0.29	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	16.08	0.0300	15.08	1.107	0.2588	13	0.90	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	16.95	0.3000	15.08	1.107	0.2588	13	1.69	6%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	17.99	0.3100	15.08	1.107	0.2588	13	2.62	10%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	12.02	0.1613	14.43	1.698	0.2903	4			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0066	14.54	0.4800	14.43	1.698	0.2903	4			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0297	15.25	0.0200	14.43	1.698	0.2903	4			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0889	15.90	0.5000	14.43	1.698	0.2903	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	2129	13.94	0.0510	14.95	1.289	0.1382	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	14.20	0.0000	14.95	1.289	0.1382	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0098	14.30	0.4000	14.95	1.289	0.1382	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	15.20	0.2000	14.95	1.289	0.1382	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	17.09	0.0400	14.95	1.289	0.1382	5			0
012.11	Starch, NIR (%)	0889	14.66	0.0500	17.84	3.079	0.1275	4			0
012.11	Starch, NIR (%)	0297	16.85	0.1600	17.84	3.079	0.1275	4			0
012.11	Starch, NIR (%)	0852	17.87	0.3000	17.84	3.079	0.1275	4			0
012.11	Starch, NIR (%)	0590	22.00	0.0000	17.84	3.079	0.1275	4			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	15.51	0.0800				1			0
012.99	Starch, Miscellaneous (%)	2319	14.65	0.3000				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2146	2.360	0.0600	3.303	0.5538	0.2198	17	-1.70	14%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	2.500	0.2000	3.303	0.5538	0.2198	17	-1.45	12%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	2.825	0.0300	3.303	0.5538	0.2198	17	-0.86	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0881	2.945	0.0110	3.303	0.5538	0.2198	17	-0.65	5%	0

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013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	2.945	0.0500	3.303	0.5538	0.2198	17	-0.65	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	3.100	0.2800	3.303	0.5538	0.2198	17	-0.37	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	3.230	0.0800	3.303	0.5538	0.2198	17	-0.13	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	3.249	0.4889	3.303	0.5538	0.2198	17	-0.10	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0297	3.265	0.1300	3.303	0.5538	0.2198	17	-0.07	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	3.350	0.1000	3.303	0.5538	0.2198	17	0.08	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2319	3.400	0.8000	3.303	0.5538	0.2198	17	0.17	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	3.445	0.0700	3.303	0.5538	0.2198	17	0.26	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	3.645	0.2700	3.303	0.5538	0.2198	17	0.62	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	3.714	0.0375	3.303	0.5538	0.2198	17	0.74	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	3.800	0.6200	3.303	0.5538	0.2198	17	0.90	8%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	4.180	0.0400	3.303	0.5538	0.2198	17	1.58	13%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	4.245	0.4700	3.303	0.5538	0.2198	17	1.70	14%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0098	3.480	0.6400	3.772	0.2698	0.1318	16	-1.08	4%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0675	3.480	0.2000	3.772	0.2698	0.1318	16	-1.08	4%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0921	3.515	0.1500	3.772	0.2698	0.1318	16	-0.95	3%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0148	3.535	0.2900	3.772	0.2698	0.1318	16	-0.88	3%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0354	3.585	0.1300	3.772	0.2698	0.1318	16	-0.69	2%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0407	3.629	0.0140	3.772	0.2698	0.1318	16	-0.53	2%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0870	3.671	0.0675	3.772	0.2698	0.1318	16	-0.38	1%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0914	3.735	0.3100	3.772	0.2698	0.1318	16	-0.14	0%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0553	3.755	0.0300	3.772	0.2698	0.1318	16	-0.06	0%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0643	3.775	0.0100	3.772	0.2698	0.1318	16	0.01	0%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	2259	3.839	0.0480	3.772	0.2698	0.1318	16	0.25	1%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0676	3.980	0.0000	3.772	0.2698	0.1318	16	0.77	3%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	2328	4.000	0.0400	3.772	0.2698	0.1318	16	0.85	3%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0682	4.020	0.0000	3.772	0.2698	0.1318	16	0.92	3%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0171	4.185	0.0700	3.772	0.2698	0.1318	16	1.53	5%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0164	4.345	0.1100	3.772	0.2698	0.1318	16	2.12	8%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0853	3.900	1.600	3.772	0.2698	0.1318	16	0.47	2%	1
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0939	2.305	0.3100	2.883	0.5530	0.1395	5			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	2.517	0.1175	2.883	0.5530	0.1395	5			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	2.910	0.0000	2.883	0.5530	0.1395	5			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	2.935	0.0100	2.883	0.5530	0.1395	5			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	3.750	0.2600	2.883	0.5530	0.1395	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	3.275	0.1700	4.281	1.151	0.6012	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	2057	3.660	0.5441	4.281	1.151	0.6012	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	3.813	1.602	4.281	1.151	0.6012	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	4.465	0.2100	4.281	1.151	0.6012	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	6.190	0.4800	4.281	1.151	0.6012	5			0
014.99	Fiber, Total Dietary, Miscellaneous (%)	0096	43.65	0.2900				1			0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	89.50	2.620	100.0	7.787	1.261	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			
015.41	Aluminum, ICP, Dry ash (ppm)	0171	97.15	0.1800	100.0	7.787	1.261	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	98.01	0.5074	100.0	7.787	1.261	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	107.5	1.000	100.0	7.787	1.261	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	108.0	2.000	100.0	7.787	1.261	5			0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	74.70	4.800				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	87.77	0.8700				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0425	78.94	10.10	101.0	18.52	2.772	8	-1.19	11%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	83.30	4.600	101.0	18.52	2.772	8	-0.95	9%	0
015.43	Aluminum, ICP, Microwave (ppm)	0510	90.50	1.000	101.0	18.52	2.772	8	-0.56	5%	0
015.43	Aluminum, ICP, Microwave (ppm)	0297	98.50	1.000	101.0	18.52	2.772	8	-0.13	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	104.6	2.100	101.0	18.52	2.772	8	0.19	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0021	110.0	0.0000	101.0	18.52	2.772	8	0.49	4%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	115.4	0.3790	101.0	18.52	2.772	8	0.78	7%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	126.5	3.000	101.0	18.52	2.772	8	1.38	13%	0
015.52	Aluminum, ICP-MS, Open vessel (ppm)	0560	99.10	18.20				1			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	113.0	10.00				1			0
017.41	Boron, ICP, Dry ash (ppm)	0407	6.121	0.0321	6.788	0.8052	0.1824	5			0
017.41	Boron, ICP, Dry ash (ppm)	0229	6.295	0.1900	6.788	0.8052	0.1824	5			0
017.41	Boron, ICP, Dry ash (ppm)	0358	6.410	0.3800	6.788	0.8052	0.1824	5			0
017.41	Boron, ICP, Dry ash (ppm)	0226	7.020	0.0600	6.788	0.8052	0.1824	5			0
017.41	Boron, ICP, Dry ash (ppm)	0049	8.095	0.2500	6.788	0.8052	0.1824	5			0
017.42	Boron, ICP, Open vessel (ppm)	0265	4.825	0.3300	6.826	1.226	0.4032	6	-1.63	15%	0
017.42	Boron, ICP, Open vessel (ppm)	0045	6.685	0.1700	6.826	1.226	0.4032	6	-0.12	1%	0
017.42	Boron, ICP, Open vessel (ppm)	0693	6.700	0.1260	6.826	1.226	0.4032	6	-0.10	1%	0
017.42	Boron, ICP, Open vessel (ppm)	0294	6.880	0.2400	6.826	1.226	0.4032	6	0.04	0%	0
017.42	Boron, ICP, Open vessel (ppm)	2129	7.456	1.053	6.826	1.226	0.4032	6	0.51	5%	0
017.42	Boron, ICP, Open vessel (ppm)	0037	8.250	0.5000	6.826	1.226	0.4032	6	1.16	10%	0
017.43	Boron, ICP, Microwave (ppm)	0083	5.700	0.0000	6.446	0.5450	0.0802	4			0
017.43	Boron, ICP, Microwave (ppm)	0407	6.473	0.2207	6.446	0.5450	0.0802	4			0
017.43	Boron, ICP, Microwave (ppm)	0345	6.610	0.1000	6.446	0.5450	0.0802	4			0
017.43	Boron, ICP, Microwave (ppm)	0510	7.000	0.0000	6.446	0.5450	0.0802	4			0
017.43	Boron, ICP, Microwave (ppm)	0353	7.500	1.000	6.446	0.5450	0.0802	4			1
017.43	Boron, ICP, Microwave (ppm)	0297	0.0000	0.0000	6.446	0.5450	0.0802	4			4
017.43	Boron, ICP, Microwave (ppm)	0021	< 25		6.446	0.5450	0.0802	4			5
017.52	Boron, ICP-MS, Open vessel (ppm)	0560	9.225	1.050				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2246	1.600	0.0000	1.789	0.1301	0.0293	12	-1.46	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.615	0.0200	1.789	0.1301	0.0293	12	-1.34	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	1.675	0.0500	1.789	0.1301	0.0293	12	-0.88	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	1.745	0.0300	1.789	0.1301	0.0293	12	-0.34	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	1.784	0.0060	1.789	0.1301	0.0293	12	-0.04	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2295	1.805	0.0100	1.789	0.1301	0.0293	12	0.12	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	1.815	0.0100	1.789	0.1301	0.0293	12	0.20	1%	0

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019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.834	0.0850	1.789	0.1301	0.0293	12	0.34	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	1.850	0.0200	1.789	0.1301	0.0293	12	0.47	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.855	0.0100	1.789	0.1301	0.0293	12	0.50	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	1.910	0.0000	1.789	0.1301	0.0293	12	0.93	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	1.995	0.1100	1.789	0.1301	0.0293	12	1.58	6%	0
019.02	Calcium, Hach Method (%)	0536	1.580	0.0200				1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.984	0.0026				1			0
019.08	Calcium, EDTA (%)	2199	1.045	0.0300	1.841	0.3254	0.0276	11	-2.45	22%	0
019.08	Calcium, EDTA (%)	2200	1.180	0.0400	1.841	0.3254	0.0276	11	-2.03	18%	0
019.08	Calcium, EDTA (%)	0590	1.765	0.0100	1.841	0.3254	0.0276	11	-0.23	2%	0
019.08	Calcium, EDTA (%)	2196	1.810	0.0000	1.841	0.3254	0.0276	11	-0.10	1%	0
019.08	Calcium, EDTA (%)	0689	1.820	0.0000	1.841	0.3254	0.0276	11	-0.07	1%	0
019.08	Calcium, EDTA (%)	2009	1.859	0.0029	1.841	0.3254	0.0276	11	0.05	0%	0
019.08	Calcium, EDTA (%)	2291	1.875	0.0100	1.841	0.3254	0.0276	11	0.10	1%	0
019.08	Calcium, EDTA (%)	0885	1.974	0.0202	1.841	0.3254	0.0276	11	0.41	4%	0
019.08	Calcium, EDTA (%)	2188	2.010	0.0800	1.841	0.3254	0.0276	11	0.52	5%	0
019.08	Calcium, EDTA (%)	0852	2.150	0.1000	1.841	0.3254	0.0276	11	0.95	8%	0
019.08	Calcium, EDTA (%)	2193	2.285	0.0100	1.841	0.3254	0.0276	11	1.36	12%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.663	0.0450				1			0
019.31	Calcium, AAS, Dry ash (%)	2318	0.9600	0.1800	1.802	0.1707	0.0525	14	-4.93	23%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.525	0.0500	1.802	0.1707	0.0525	14	-1.62	8%	0
019.31	Calcium, AAS, Dry ash (%)	2246	1.580	0.0000	1.802	0.1707	0.0525	14	-1.30	6%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.750	0.1000	1.802	0.1707	0.0525	14	-0.31	1%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.800	0.0200	1.802	0.1707	0.0525	14	-0.01	0%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.815	0.0700	1.802	0.1707	0.0525	14	0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	2196	1.820	0.0000	1.802	0.1707	0.0525	14	0.10	0%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.825	0.0300	1.802	0.1707	0.0525	14	0.13	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.860	0.1867	1.802	0.1707	0.0525	14	0.34	2%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.865	0.0300	1.802	0.1707	0.0525	14	0.37	2%	0
019.31	Calcium, AAS, Dry ash (%)	0536	1.925	0.0300	1.802	0.1707	0.0525	14	0.72	3%	0
019.31	Calcium, AAS, Dry ash (%)	0868	1.930	0.0000	1.802	0.1707	0.0525	14	0.75	4%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.935	0.0300	1.802	0.1707	0.0525	14	0.78	4%	0
019.31	Calcium, AAS, Dry ash (%)	0001	2.035	0.0080	1.802	0.1707	0.0525	14	1.36	6%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.935	0.0500				1			0
019.33	Calcium, AAS, Microwave (%)	0612	1.970	0.0400				1			0
019.41	Calcium, ICP, Dry ash (%)	0004	1.610	0.0200	1.847	0.0970	0.0586	23	-2.44	6%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.695	0.2300	1.847	0.0970	0.0586	23	-1.57	4%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.720	0.0600	1.847	0.0970	0.0586	23	-1.31	3%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.720	0.1600	1.847	0.0970	0.0586	23	-1.31	3%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.757	0.0178	1.847	0.0970	0.0586	23	-0.93	2%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.775	0.0100	1.847	0.0970	0.0586	23	-0.74	2%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.780	0.1000	1.847	0.0970	0.0586	23	-0.69	2%	0

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019.41	Calcium, ICP, Dry ash (%)	0229	1.850	0.0200	1.847	0.0970	0.0586	23	0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	0878	1.850	0.0400	1.847	0.0970	0.0586	23	0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.860	0.1800	1.847	0.0970	0.0586	23	0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.860	0.0400	1.847	0.0970	0.0586	23	0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.860	0.0200	1.847	0.0970	0.0586	23	0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.870	0.0400	1.847	0.0970	0.0586	23	0.24	1%	0
019.41	Calcium, ICP, Dry ash (%)	0354	1.875	0.0100	1.847	0.0970	0.0586	23	0.29	1%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.880	0.0200	1.847	0.0970	0.0586	23	0.34	1%	0
019.41	Calcium, ICP, Dry ash (%)	0066	1.890	0.0350	1.847	0.0970	0.0586	23	0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.890	0.0400	1.847	0.0970	0.0586	23	0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.895	0.0100	1.847	0.0970	0.0586	23	0.49	1%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.895	0.0700	1.847	0.0970	0.0586	23	0.49	1%	0
019.41	Calcium, ICP, Dry ash (%)	0685	1.920	0.0200	1.847	0.0970	0.0586	23	0.75	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.947	0.0010	1.847	0.0970	0.0586	23	1.03	3%	0
019.41	Calcium, ICP, Dry ash (%)	0018	2.070	0.1000	1.847	0.0970	0.0586	23	2.30	6%	0
019.41	Calcium, ICP, Dry ash (%)	2259	2.088	0.1030	1.847	0.0970	0.0586	23	2.48	7%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.541	0.0760	1.904	0.1500	0.0383	17	-2.42	10%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.746	0.0114	1.904	0.1500	0.0383	17	-1.05	4%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.765	0.0100	1.904	0.1500	0.0383	17	-0.93	4%	0
019.42	Calcium, ICP, Open vessel (%)	2319	1.770	0.0200	1.904	0.1500	0.0383	17	-0.89	4%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.795	0.0900	1.904	0.1500	0.0383	17	-0.73	3%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.819	0.0460	1.904	0.1500	0.0383	17	-0.57	2%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.852	0.0086	1.904	0.1500	0.0383	17	-0.34	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.860	0.0300	1.904	0.1500	0.0383	17	-0.29	1%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.920	0.0600	1.904	0.1500	0.0383	17	0.11	0%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.947	0.0220	1.904	0.1500	0.0383	17	0.29	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.960	0.0200	1.904	0.1500	0.0383	17	0.37	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.975	0.0100	1.904	0.1500	0.0383	17	0.47	2%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.993	0.0320	1.904	0.1500	0.0383	17	0.59	2%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.997	0.0656	1.904	0.1500	0.0383	17	0.62	2%	0
019.42	Calcium, ICP, Open vessel (%)	0042	2.035	0.1300	1.904	0.1500	0.0383	17	0.87	3%	0
019.42	Calcium, ICP, Open vessel (%)	0190	2.125	0.0100	1.904	0.1500	0.0383	17	1.47	6%	0
019.42	Calcium, ICP, Open vessel (%)	0726	2.145	0.0100	1.904	0.1500	0.0383	17	1.61	6%	0
019.43	Calcium, ICP, Microwave (%)	0610	1.550	0.0000	1.877	0.1236	0.0415	27	-2.65	9%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.670	0.1200	1.877	0.1236	0.0415	27	-1.68	6%	0
019.43	Calcium, ICP, Microwave (%)	2192	1.695	0.0300	1.877	0.1236	0.0415	27	-1.47	5%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.764	0.1226	1.877	0.1236	0.0415	27	-0.91	3%	0
019.43	Calcium, ICP, Microwave (%)	0300	1.768	0.0121	1.877	0.1236	0.0415	27	-0.88	3%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.786	0.0010	1.877	0.1236	0.0415	27	-0.74	2%	0
019.43	Calcium, ICP, Microwave (%)	0021	1.800	0.0000	1.877	0.1236	0.0415	27	-0.62	2%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.810	0.0000	1.877	0.1236	0.0415	27	-0.54	2%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.815	0.0500	1.877	0.1236	0.0415	27	-0.50	2%	0

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019.43	Calcium, ICP, Microwave (%)	0033	1.830	0.1200	1.877	0.1236	0.0415	27	-0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.835	0.0900	1.877	0.1236	0.0415	27	-0.34	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.840	0.0200	1.877	0.1236	0.0415	27	-0.30	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.855	0.0300	1.877	0.1236	0.0415	27	-0.18	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.880	0.0000	1.877	0.1236	0.0415	27	0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.885	0.0100	1.877	0.1236	0.0415	27	0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.905	0.1100	1.877	0.1236	0.0415	27	0.23	1%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.930	0.0000	1.877	0.1236	0.0415	27	0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.930	0.0200	1.877	0.1236	0.0415	27	0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	2058	1.932	0.0100	1.877	0.1236	0.0415	27	0.44	1%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.945	0.0100	1.877	0.1236	0.0415	27	0.55	2%	0
019.43	Calcium, ICP, Microwave (%)	0407	1.973	0.0921	1.877	0.1236	0.0415	27	0.77	3%	0
019.43	Calcium, ICP, Microwave (%)	0505	1.975	0.0100	1.877	0.1236	0.0415	27	0.79	3%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.981	0.2221	1.877	0.1236	0.0415	27	0.84	3%	0
019.43	Calcium, ICP, Microwave (%)	2326	2.005	0.0300	1.877	0.1236	0.0415	27	1.03	3%	0
019.43	Calcium, ICP, Microwave (%)	0870	2.041	0.0070	1.877	0.1236	0.0415	27	1.32	4%	0
019.43	Calcium, ICP, Microwave (%)	0027	2.058	0.0040	1.877	0.1236	0.0415	27	1.46	5%	0
019.43	Calcium, ICP, Microwave (%)	0089	2.530	0.0000	1.877	0.1236	0.0415	27	5.28	17%	0
019.43	Calcium, ICP, Microwave (%)	2234	1.895	0.3100	1.877	0.1236	0.0415	27	0.14	0%	1
019.44	Calcium, ICP, Dry ash (%)	0164	1.710	0.0000				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.548	0.0063	1.729	0.1242	0.0227	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.745	0.0100	1.729	0.1242	0.0227	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0560	1.803	0.0445	1.729	0.1242	0.0227	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	1.818	0.0300	1.729	0.1242	0.0227	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	1.745	0.1300				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.815	0.1100				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.840	0.0400				3			0
019.99	Calcium, Miscellaneous (%)	0590	1.565	0.0100	1.843	0.2032	0.0314	7	-1.37	8%	0
019.99	Calcium, Miscellaneous (%)	0242	1.755	0.0100	1.843	0.2032	0.0314	7	-0.43	2%	0
019.99	Calcium, Miscellaneous (%)	0889	1.775	0.1100	1.843	0.2032	0.0314	7	-0.33	2%	0
019.99	Calcium, Miscellaneous (%)	2144	1.810	0.0200	1.843	0.2032	0.0314	7	-0.16	1%	0
019.99	Calcium, Miscellaneous (%)	2302	1.890	0.0000	1.843	0.2032	0.0314	7	0.23	1%	0
019.99	Calcium, Miscellaneous (%)	0868	1.975	0.0300	1.843	0.2032	0.0314	7	0.65	4%	0
019.99	Calcium, Miscellaneous (%)	0100	2.130	0.0400	1.843	0.2032	0.0314	7	1.41	8%	0
021.31	Cobalt, AAS, Dry ash (ppm)	0689	1.150	0.1000				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	3.115	0.7700				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0164	3.400	0.0000				3			0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	1.685	0.0900	2.249	0.6751	0.0765	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	1.780	0.0400	2.249	0.6751	0.0765	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	2.380	0.0358	2.249	0.6751	0.0765	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	3.150	0.1400	2.249	0.6751	0.0765	4			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	1.960	0.5000				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			
021.43	Cobalt, ICP, Microwave (ppm)	0353	1.297	0.4364	2.381	0.4267	0.1548	9	-2.54	23%	0
021.43	Cobalt, ICP, Microwave (ppm)	0345	1.765	0.0700	2.381	0.4267	0.1548	9	-1.44	13%	0
021.43	Cobalt, ICP, Microwave (ppm)	0964	2.345	0.2900	2.381	0.4267	0.1548	9	-0.08	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0021	2.400	0.2000	2.381	0.4267	0.1548	9	0.05	0%	0
021.43	Cobalt, ICP, Microwave (ppm)	2326	2.540	0.2800	2.381	0.4267	0.1548	9	0.37	3%	0
021.43	Cobalt, ICP, Microwave (ppm)	0682	2.600	0.0000	2.381	0.4267	0.1548	9	0.51	5%	0
021.43	Cobalt, ICP, Microwave (ppm)	0510	2.640	0.0200	2.381	0.4267	0.1548	9	0.61	5%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	2.695	0.0500	2.381	0.4267	0.1548	9	0.74	7%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	2.701	0.0467	2.381	0.4267	0.1548	9	0.75	7%	0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	1.540	0.0400				3			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	1.550	0.1000				3			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0560	2.115	0.4700				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	2.565	0.2100	2.718	0.1878	0.2400	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	2.565	0.3100	2.718	0.1878	0.2400	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0610	2.790	0.1400	2.718	0.1878	0.2400	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0021	2.950	0.3000	2.718	0.1878	0.2400	4			0
022.31	Copper, AAS, Dry ash (ppm)	2188	4.110	0.0800	8.707	1.660	0.6026	8	-2.77	26%	0
022.31	Copper, AAS, Dry ash (ppm)	2246	7.130	0.3809	8.707	1.660	0.6026	8	-0.95	9%	0
022.31	Copper, AAS, Dry ash (ppm)	0536	8.250	0.2000	8.707	1.660	0.6026	8	-0.28	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0868	8.400	0.1200	8.707	1.660	0.6026	8	-0.19	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	9.700	0.3600	8.707	1.660	0.6026	8	0.60	6%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	9.750	2.500	8.707	1.660	0.6026	8	0.63	6%	0
022.31	Copper, AAS, Dry ash (ppm)	0175	10.00	0.0000	8.707	1.660	0.6026	8	0.78	7%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	10.21	1.180	8.707	1.660	0.6026	8	0.91	9%	0
022.33	Copper, AAS, Microwave (ppm)	0948	9.190	0.6600				1			0
022.41	Copper, ICP, Dry ash (ppm)	0598	6.325	0.4300	8.326	1.530	0.7267	14	-1.31	12%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	6.500	1.000	8.326	1.530	0.7267	14	-1.19	11%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	6.710	0.7000	8.326	1.530	0.7267	14	-1.06	10%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	7.220	1.480	8.326	1.530	0.7267	14	-0.72	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	7.743	1.641	8.326	1.530	0.7267	14	-0.38	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	7.900	0.9400	8.326	1.530	0.7267	14	-0.28	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0878	8.000	0.0000	8.326	1.530	0.7267	14	-0.21	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	8.500	1.000	8.326	1.530	0.7267	14	0.11	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	8.751	0.0933	8.326	1.530	0.7267	14	0.28	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	9.265	0.2300	8.326	1.530	0.7267	14	0.61	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	9.570	0.2000	8.326	1.530	0.7267	14	0.81	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	9.620	1.000	8.326	1.530	0.7267	14	0.85	8%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	9.840	0.7800	8.326	1.530	0.7267	14	0.99	9%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	10.66	0.6800	8.326	1.530	0.7267	14	1.52	14%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	8.380	0.3600	10.72	1.710	0.6137	15	-1.37	11%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	8.773	0.1160	10.72	1.710	0.6137	15	-1.14	9%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	9.900	0.2000	10.72	1.710	0.6137	15	-0.48	4%	0

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022.42	Copper, ICP, Open vessel (ppm)	2129	9.991	0.4980	10.72	1.710	0.6137	15	-0.43	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	10.06	0.0800	10.72	1.710	0.6137	15	-0.39	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	10.10	0.2000	10.72	1.710	0.6137	15	-0.37	3%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	10.14	0.7200	10.72	1.710	0.6137	15	-0.34	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	10.36	0.0000	10.72	1.710	0.6137	15	-0.21	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	10.49	0.0000	10.72	1.710	0.6137	15	-0.14	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	10.76	0.0100	10.72	1.710	0.6137	15	0.02	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	10.89	0.0200	10.72	1.710	0.6137	15	0.10	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	11.16	0.4020	10.72	1.710	0.6137	15	0.25	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	13.30	0.6000	10.72	1.710	0.6137	15	1.51	12%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	13.80	4.000	10.72	1.710	0.6137	15	1.80	14%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	20.00	2.000	10.72	1.710	0.6137	15	5.42	43%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	5.930	9.094	10.72	1.710	0.6137	15	-2.80	22%	1
022.43	Copper, ICP, Microwave (ppm)	0675	6.540	0.0400	10.47	1.475	0.4565	19	-2.66	19%	0
022.43	Copper, ICP, Microwave (ppm)	0964	8.697	0.0067	10.47	1.475	0.4565	19	-1.20	8%	0
022.43	Copper, ICP, Microwave (ppm)	0610	8.880	0.1000	10.47	1.475	0.4565	19	-1.08	8%	0
022.43	Copper, ICP, Microwave (ppm)	0353	9.500	1.000	10.47	1.475	0.4565	19	-0.66	5%	0
022.43	Copper, ICP, Microwave (ppm)	0345	9.517	0.4330	10.47	1.475	0.4565	19	-0.65	5%	0
022.43	Copper, ICP, Microwave (ppm)	0098	9.685	0.4900	10.47	1.475	0.4565	19	-0.53	4%	0
022.43	Copper, ICP, Microwave (ppm)	0083	10.00	0.0000	10.47	1.475	0.4565	19	-0.32	2%	0
022.43	Copper, ICP, Microwave (ppm)	0297	10.00	0.0000	10.47	1.475	0.4565	19	-0.32	2%	0
022.43	Copper, ICP, Microwave (ppm)	0510	10.00	0.0000	10.47	1.475	0.4565	19	-0.32	2%	0
022.43	Copper, ICP, Microwave (ppm)	0968	10.50	1.000	10.47	1.475	0.4565	19	0.02	0%	0
022.43	Copper, ICP, Microwave (ppm)	0407	10.56	0.0346	10.47	1.475	0.4565	19	0.06	0%	0
022.43	Copper, ICP, Microwave (ppm)	0425	10.68	0.0400	10.47	1.475	0.4565	19	0.14	1%	0
022.43	Copper, ICP, Microwave (ppm)	0682	10.80	0.0000	10.47	1.475	0.4565	19	0.22	2%	0
022.43	Copper, ICP, Microwave (ppm)	0202	11.10	0.6000	10.47	1.475	0.4565	19	0.43	3%	0
022.43	Copper, ICP, Microwave (ppm)	0870	11.34	0.6300	10.47	1.475	0.4565	19	0.59	4%	0
022.43	Copper, ICP, Microwave (ppm)	2326	11.35	0.1400	10.47	1.475	0.4565	19	0.60	4%	0
022.43	Copper, ICP, Microwave (ppm)	2192	13.45	1.900	10.47	1.475	0.4565	19	2.02	14%	0
022.43	Copper, ICP, Microwave (ppm)	0169	13.70	1.600	10.47	1.475	0.4565	19	2.19	15%	0
022.43	Copper, ICP, Microwave (ppm)	2089	15.71	0.6600	10.47	1.475	0.4565	19	3.55	25%	0
022.43	Copper, ICP, Microwave (ppm)	0021	< 25		10.47	1.475	0.4565	19			5
022.44	Copper, ICP, Dry ash (ppm)	0164	8.300	0.2000				1			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0560	9.750	0.1000				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	10.50	1.000				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0572	9.340	0.4600	10.22	0.9913	0.6000	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	9.540	0.9200	10.22	0.9913	0.6000	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	10.49	0.0200	10.22	0.9913	0.6000	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0021	11.50	1.000	10.22	0.9913	0.6000	4			0
022.99	Copper, Miscellaneous (ppm)	0590	7.495	1.170	8.218	1.130	0.6150	4			0
022.99	Copper, Miscellaneous (ppm)	0242	7.500	1.000	8.218	1.130	0.6150	4			0

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022.99	Copper, Miscellaneous (ppm)	2302	8.000	0.0000	8.218	1.130	0.6150	4			0
022.99	Copper, Miscellaneous (ppm)	0100	9.875	0.2900	8.218	1.130	0.6150	4			0
024.52	Iodine, ICP-MS, Open vessel (ppm)	0910	4.185	0.7860				1			0
024.53	Iodine, ICP-MS, Microwave (ppm)	0668	2.820	0.6400				1			0
024.99	Iodine, Miscellaneous (ppm)	0160	2.940	0.2400				1			0
025.31	Iron, AAS, Dry ash (ppm)	2188	197.0	0.5100	321.9	40.03	5.250	7	-3.12	19%	0
025.31	Iron, AAS, Dry ash (ppm)	2246	287.0	4.000	321.9	40.03	5.250	7	-0.87	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	324.4	18.25	321.9	40.03	5.250	7	0.06	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0689	329.9	3.600	321.9	40.03	5.250	7	0.20	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	338.6	7.390	321.9	40.03	5.250	7	0.42	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0868	354.5	3.000	321.9	40.03	5.250	7	0.81	5%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	357.2	0.0000	321.9	40.03	5.250	7	0.88	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	0.0336	0.0001	330.0	39.20	8.342	15	-8.42	50%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	291.5	3.920	330.0	39.20	8.342	15	-0.98	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	293.5	3.000	330.0	39.20	8.342	15	-0.93	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	303.1	3.340	330.0	39.20	8.342	15	-0.69	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	303.6	0.9919	330.0	39.20	8.342	15	-0.67	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0123	308.0	14.00	330.0	39.20	8.342	15	-0.56	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	318.5	25.00	330.0	39.20	8.342	15	-0.29	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	335.0	0.4000	330.0	39.20	8.342	15	0.13	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	342.2	0.8000	330.0	39.20	8.342	15	0.31	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0878	343.0	6.000	330.0	39.20	8.342	15	0.33	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	347.9	23.00	330.0	39.20	8.342	15	0.46	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	359.7	4.100	330.0	39.20	8.342	15	0.76	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	375.0	17.20	330.0	39.20	8.342	15	1.15	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	376.2	3.160	330.0	39.20	8.342	15	1.18	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	382.2	20.22	330.0	39.20	8.342	15	1.33	8%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	139.5	9.000	305.5	50.51	7.549	14	-3.29	27%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	230.0	0.7000	305.5	50.51	7.549	14	-1.50	12%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	259.0	8.000	305.5	50.51	7.549	14	-0.92	8%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	267.6	1.740	305.5	50.51	7.549	14	-0.75	6%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	283.5	1.000	305.5	50.51	7.549	14	-0.44	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	306.0	6.000	305.5	50.51	7.549	14	0.01	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	317.5	0.4000	305.5	50.51	7.549	14	0.24	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	319.6	8.180	305.5	50.51	7.549	14	0.28	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	326.0	12.00	305.5	50.51	7.549	14	0.41	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	333.1	11.00	305.5	50.51	7.549	14	0.55	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	340.1	8.400	305.5	50.51	7.549	14	0.69	6%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	347.8	11.80	305.5	50.51	7.549	14	0.84	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	349.8	9.461	305.5	50.51	7.549	14	0.88	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	367.0	18.00	305.5	50.51	7.549	14	1.22	10%	0
025.43	Iron, ICP, Microwave (ppm)	0968	243.5	1.000	341.0	43.06	9.437	20	-2.27	14%	0

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025.43	Iron, ICP, Microwave (ppm)	0425	274.5	28.70	341.0	43.06	9.437	20	-1.55	10%	0
025.43	Iron, ICP, Microwave (ppm)	0610	288.5	1.000	341.0	43.06	9.437	20	-1.22	8%	0
025.43	Iron, ICP, Microwave (ppm)	0345	301.8	7.400	341.0	43.06	9.437	20	-0.91	6%	0
025.43	Iron, ICP, Microwave (ppm)	0353	313.5	5.000	341.0	43.06	9.437	20	-0.64	4%	0
025.43	Iron, ICP, Microwave (ppm)	2192	316.0	4.000	341.0	43.06	9.437	20	-0.58	4%	0
025.43	Iron, ICP, Microwave (ppm)	0675	324.7	1.240	341.0	43.06	9.437	20	-0.38	2%	0
025.43	Iron, ICP, Microwave (ppm)	0083	336.0	2.000	341.0	43.06	9.437	20	-0.12	1%	0
025.43	Iron, ICP, Microwave (ppm)	0297	340.0	16.00	341.0	43.06	9.437	20	-0.02	0%	0
025.43	Iron, ICP, Microwave (ppm)	2089	340.1	24.40	341.0	43.06	9.437	20	-0.02	0%	0
025.43	Iron, ICP, Microwave (ppm)	0407	343.2	19.56	341.0	43.06	9.437	20	0.05	0%	0
025.43	Iron, ICP, Microwave (ppm)	0021	350.0	0.0000	341.0	43.06	9.437	20	0.21	1%	0
025.43	Iron, ICP, Microwave (ppm)	0169	352.0	14.00	341.0	43.06	9.437	20	0.25	2%	0
025.43	Iron, ICP, Microwave (ppm)	0510	356.0	6.000	341.0	43.06	9.437	20	0.35	2%	0
025.43	Iron, ICP, Microwave (ppm)	0098	362.6	16.80	341.0	43.06	9.437	20	0.50	3%	0
025.43	Iron, ICP, Microwave (ppm)	0964	372.6	11.75	341.0	43.06	9.437	20	0.73	5%	0
025.43	Iron, ICP, Microwave (ppm)	0870	375.4	7.900	341.0	43.06	9.437	20	0.80	5%	0
025.43	Iron, ICP, Microwave (ppm)	0035	393.0	18.00	341.0	43.06	9.437	20	1.21	8%	0
025.43	Iron, ICP, Microwave (ppm)	2326	397.0	4.000	341.0	43.06	9.437	20	1.30	8%	0
025.43	Iron, ICP, Microwave (ppm)	0682	437.5	0.0000	341.0	43.06	9.437	20	2.24	14%	0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	344.0	50.00				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	344.5	17.00				2			0
025.99	Iron, Miscellaneous (ppm)	2302	316.0	0.0000				3			0
025.99	Iron, Miscellaneous (ppm)	0242	343.0	2.000				3			0
025.99	Iron, Miscellaneous (ppm)	0100	389.5	3.000				3			0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.3725	0.0070	0.4073	0.0206	0.0077	9	-1.69	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.3850	0.0100	0.4073	0.0206	0.0077	9	-1.08	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.4050	0.0100	0.4073	0.0206	0.0077	9	-0.11	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.4050	0.0100	0.4073	0.0206	0.0077	9	-0.11	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.4100	0.0000	0.4073	0.0206	0.0077	9	0.13	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.4100	0.0200	0.4073	0.0206	0.0077	9	0.13	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.4163	0.0097	0.4073	0.0206	0.0077	9	0.43	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.4200	0.0000	0.4073	0.0206	0.0077	9	0.61	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2246	0.5295	0.0022	0.4073	0.0206	0.0077	9	5.92	15%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.4250	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.3900	0.0000				1			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.3538	0.0006	0.4100	0.0195	0.0095	14	-2.88	7%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.3850	0.0100	0.4100	0.0195	0.0095	14	-1.28	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.3950	0.0300	0.4100	0.0195	0.0095	14	-0.77	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.4000	0.0000	0.4100	0.0195	0.0095	14	-0.51	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.4015	0.0090	0.4100	0.0195	0.0095	14	-0.43	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.4050	0.0100	0.4100	0.0195	0.0095	14	-0.26	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.4050	0.0100	0.4100	0.0195	0.0095	14	-0.26	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 (%)	0598	0.4138	0.0004	0.4100	0.0195	0.0095	14	0.20	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.4150	0.0100	0.4100	0.0195	0.0095	14	0.26	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.4200	0.0000	0.4100	0.0195	0.0095	14	0.51	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.4200	0.0200	0.4100	0.0195	0.0095	14	0.51	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.4245	0.0130	0.4100	0.0195	0.0095	14	0.74	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.4350	0.0100	0.4100	0.0195	0.0095	14	1.28	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.4650	0.0100	0.4100	0.0195	0.0095	14	2.82	7%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.3460	0.0040	0.4103	0.0196	0.0054	17	-3.29	8%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.3950	0.0100	0.4103	0.0196	0.0054	17	-0.78	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.3957	0.0024	0.4103	0.0196	0.0054	17	-0.75	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.3978	0.0024	0.4103	0.0196	0.0054	17	-0.64	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.3980	0.0180	0.4103	0.0196	0.0054	17	-0.63	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.4000	0.0200	0.4103	0.0196	0.0054	17	-0.53	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.4000	0.0000	0.4103	0.0196	0.0054	17	-0.53	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.4025	0.0005	0.4103	0.0196	0.0054	17	-0.40	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.4050	0.0100	0.4103	0.0196	0.0054	17	-0.27	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.4100	0.0000	0.4103	0.0196	0.0054	17	-0.02	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.4150	0.0100	0.4103	0.0196	0.0054	17	0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.4157	0.0019	0.4103	0.0196	0.0054	17	0.27	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.4200	0.0000	0.4103	0.0196	0.0054	17	0.49	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.4210	0.0060	0.4103	0.0196	0.0054	17	0.54	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.4400	0.0000	0.4103	0.0196	0.0054	17	1.51	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.4410	0.0060	0.4103	0.0196	0.0054	17	1.57	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.4465	0.0010	0.4103	0.0196	0.0054	17	1.85	4%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.2900	0.0000	0.4017	0.0280	0.0087	21	-3.99	14%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.3600	0.0200	0.4017	0.0280	0.0087	21	-1.49	5%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.3600	0.0000	0.4017	0.0280	0.0087	21	-1.49	5%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.3628	0.0217	0.4017	0.0280	0.0087	21	-1.39	5%	0
027.43	Magnesium, ICP, Microwave (%)	0021	0.3900	0.0000	0.4017	0.0280	0.0087	21	-0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.3900	0.0000	0.4017	0.0280	0.0087	21	-0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.3900	0.0200	0.4017	0.0280	0.0087	21	-0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.4000	0.0000	0.4017	0.0280	0.0087	21	-0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.4000	0.0200	0.4017	0.0280	0.0087	21	-0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.4045	0.0050	0.4017	0.0280	0.0087	21	0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.4050	0.0100	0.4017	0.0280	0.0087	21	0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.4095	0.0310	0.4017	0.0280	0.0087	21	0.28	1%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.4104	0.0149	0.4017	0.0280	0.0087	21	0.31	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.4120	0.0000	0.4017	0.0280	0.0087	21	0.37	1%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.4128	0.0003	0.4017	0.0280	0.0087	21	0.39	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.4150	0.0100	0.4017	0.0280	0.0087	21	0.47	2%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.4200	0.0000	0.4017	0.0280	0.0087	21	0.65	2%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.4300	0.0000	0.4017	0.0280	0.0087	21	1.01	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			
027.43	Magnesium, ICP, Microwave (%)	0035	0.4350	0.0100	0.4017	0.0280	0.0087	21	1.19	4%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.4350	0.0100	0.4017	0.0280	0.0087	21	1.19	4%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.4350	0.0100	0.4017	0.0280	0.0087	21	1.19	4%	0
027.44	Magnesium, ICP, Dry ash (%)	0164	0.4030	0.0060				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.3723	0.0029				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0560	0.4024	0.0077				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.4275	0.0010				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.3900	0.0200				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.4130	0.0020				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.4200	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0889	0.3600	0.0200	0.4160	0.0455	0.0080	5			0
027.99	Magnesium, Miscellaneous (%)	0242	0.3950	0.0100	0.4160	0.0455	0.0080	5			0
027.99	Magnesium, Miscellaneous (%)	0590	0.4000	0.0000	0.4160	0.0455	0.0080	5			0
027.99	Magnesium, Miscellaneous (%)	0100	0.4550	0.0100	0.4160	0.0455	0.0080	5			0
027.99	Magnesium, Miscellaneous (%)	2302	0.4700	0.0000	0.4160	0.0455	0.0080	5			0
028.31	Manganese, AAS, Dry ash (ppm)	2318	61.00	0.0000	169.0	15.59	2.923	10	-6.93	32%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	143.0	0.0500	169.0	15.59	2.923	10	-1.67	8%	0
028.31	Manganese, AAS, Dry ash (ppm)	0536	165.6	5.250	169.0	15.59	2.923	10	-0.22	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	168.3	4.400	169.0	15.59	2.923	10	-0.04	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0175	169.0	6.000	169.0	15.59	2.923	10	0.00	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	174.3	1.300	169.0	15.59	2.923	10	0.34	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	176.6	0.0000	169.0	15.59	2.923	10	0.49	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0884	178.7	2.400	169.0	15.59	2.923	10	0.62	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	180.2	7.830	169.0	15.59	2.923	10	0.72	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0868	186.0	2.000	169.0	15.59	2.923	10	1.09	5%	0
028.33	Manganese, AAS, Microwave (ppm)	0948	173.8	0.1700				1			0
028.34	Manganese, AAS, Dry ash (ppm)	2246	142.5	5.000				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0226	139.5	2.600	166.2	13.83	2.664	14	-1.93	8%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	152.0	4.000	166.2	13.83	2.664	14	-1.03	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	155.5	1.000	166.2	13.83	2.664	14	-0.78	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	156.0	2.000	166.2	13.83	2.664	14	-0.74	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	157.7	5.106	166.2	13.83	2.664	14	-0.62	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	164.5	1.000	166.2	13.83	2.664	14	-0.13	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0354	164.6	0.1300	166.2	13.83	2.664	14	-0.12	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	167.5	1.000	166.2	13.83	2.664	14	0.09	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	168.9	6.890	166.2	13.83	2.664	14	0.19	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	170.7	5.000	166.2	13.83	2.664	14	0.32	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0878	174.0	2.000	166.2	13.83	2.664	14	0.56	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	179.6	0.6000	166.2	13.83	2.664	14	0.97	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	185.4	5.490	166.2	13.83	2.664	14	1.38	6%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	185.4	0.4864	166.2	13.83	2.664	14	1.39	6%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	86.19	138.8	166.2	13.83	2.664	14	-5.79	24%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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028.42	Manganese, ICP, Open vessel (ppm)	2129	159.8	5.600	183.1	16.15	3.121	18	-1.45	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	164.6	1.900	183.1	16.15	3.121	18	-1.15	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	169.0	3.390	183.1	16.15	3.121	18	-0.88	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	171.5	7.000	183.1	16.15	3.121	18	-0.72	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	171.7	0.0200	183.1	16.15	3.121	18	-0.71	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	173.0	12.00	183.1	16.15	3.121	18	-0.63	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	174.4	0.7760	183.1	16.15	3.121	18	-0.54	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0265	180.5	1.000	183.1	16.15	3.121	18	-0.16	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	181.5	1.000	183.1	16.15	3.121	18	-0.10	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	181.8	6.630	183.1	16.15	3.121	18	-0.08	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	182.4	0.0600	183.1	16.15	3.121	18	-0.05	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	185.5	5.000	183.1	16.15	3.121	18	0.15	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	193.9	1.200	183.1	16.15	3.121	18	0.67	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	196.9	0.0000	183.1	16.15	3.121	18	0.85	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	197.5	3.000	183.1	16.15	3.121	18	0.89	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	198.0	4.000	183.1	16.15	3.121	18	0.92	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	207.1	1.800	183.1	16.15	3.121	18	1.48	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	209.5	1.800	183.1	16.15	3.121	18	1.63	7%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	162.0	2.000	184.5	9.085	4.835	25	-2.48	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0425	171.2	6.300	184.5	9.085	4.835	25	-1.47	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	173.0	2.000	184.5	9.085	4.835	25	-1.27	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	174.5	3.000	184.5	9.085	4.835	25	-1.10	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	177.5	10.98	184.5	9.085	4.835	25	-0.78	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0033	178.0	4.000	184.5	9.085	4.835	25	-0.72	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0021	180.0	0.0000	184.5	9.085	4.835	25	-0.50	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	182.0	3.454	184.5	9.085	4.835	25	-0.28	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	182.1	1.820	184.5	9.085	4.835	25	-0.27	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	183.0	0.0000	184.5	9.085	4.835	25	-0.17	0%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	183.2	3.540	184.5	9.085	4.835	25	-0.15	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	183.4	12.00	184.5	9.085	4.835	25	-0.12	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	183.7	8.700	184.5	9.085	4.835	25	-0.10	0%	0
028.43	Manganese, ICP, Microwave (ppm)	2234	184.7	8.540	184.5	9.085	4.835	25	0.02	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	185.0	2.000	184.5	9.085	4.835	25	0.05	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	186.0	6.000	184.5	9.085	4.835	25	0.16	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	186.0	4.000	184.5	9.085	4.835	25	0.16	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	188.2	0.3333	184.5	9.085	4.835	25	0.40	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	188.7	0.0000	184.5	9.085	4.835	25	0.46	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2058	188.9	4.270	184.5	9.085	4.835	25	0.48	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	192.5	1.000	184.5	9.085	4.835	25	0.88	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	196.2	14.60	184.5	9.085	4.835	25	1.29	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	198.2	4.800	184.5	9.085	4.835	25	1.51	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	206.5	1.000	184.5	9.085	4.835	25	2.42	6%	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			
028.43	Manganese, ICP, Microwave (ppm)	0027	210.8	16.55	184.5	9.085	4.835	25	2.89	7%	0
028.44	Manganese, ICP, Dry ash (ppm)	0066	161.1	2.950				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	171.5	1.000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	167.7	0.0000				3			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0560	181.8	3.500				3			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	189.5	9.000				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	170.5	25.00	176.5	7.842	15.00	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	170.5	13.00	176.5	7.842	15.00	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0572	178.0	4.000	176.5	7.842	15.00	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	187.0	18.00	176.5	7.842	15.00	4			0
028.99	Manganese, Miscellaneous (ppm)	0590	160.5	1.000	179.0	25.14	3.000	4			0
028.99	Manganese, Miscellaneous (ppm)	2302	163.0	0.0000	179.0	25.14	3.000	4			0
028.99	Manganese, Miscellaneous (ppm)	0242	177.5	3.000	179.0	25.14	3.000	4			0
028.99	Manganese, Miscellaneous (ppm)	0100	215.0	8.000	179.0	25.14	3.000	4			0
031.00	Phosphorus, Vol (%)	0893	0.8400	0.0000				2			0
031.00	Phosphorus, Vol (%)	2295	0.9250	0.0100				2			0
031.01	Phosphorus, Photometric (%)	2199	0.6050	0.0000	0.8208	0.0346	0.0142	32	-6.23	13%	0
031.01	Phosphorus, Photometric (%)	2302	0.6450	0.0100	0.8208	0.0346	0.0142	32	-5.07	11%	0
031.01	Phosphorus, Photometric (%)	0108	0.6850	0.0100	0.8208	0.0346	0.0142	32	-3.92	8%	0
031.01	Phosphorus, Photometric (%)	2200	0.7300	0.0200	0.8208	0.0346	0.0142	32	-2.62	6%	0
031.01	Phosphorus, Photometric (%)	0939	0.7850	0.0100	0.8208	0.0346	0.0142	32	-1.03	2%	0
031.01	Phosphorus, Photometric (%)	2192	0.7850	0.0300	0.8208	0.0346	0.0142	32	-1.03	2%	0
031.01	Phosphorus, Photometric (%)	0175	0.7900	0.0200	0.8208	0.0346	0.0142	32	-0.89	2%	0
031.01	Phosphorus, Photometric (%)	0878	0.8050	0.0100	0.8208	0.0346	0.0142	32	-0.46	1%	0
031.01	Phosphorus, Photometric (%)	2144	0.8100	0.0200	0.8208	0.0346	0.0142	32	-0.31	1%	0
031.01	Phosphorus, Photometric (%)	2196	0.8100	0.0000	0.8208	0.0346	0.0142	32	-0.31	1%	0
031.01	Phosphorus, Photometric (%)	2246	0.8100	0.0000	0.8208	0.0346	0.0142	32	-0.31	1%	0
031.01	Phosphorus, Photometric (%)	2009	0.8123	0.0050	0.8208	0.0346	0.0142	32	-0.25	1%	0
031.01	Phosphorus, Photometric (%)	0689	0.8150	0.0100	0.8208	0.0346	0.0142	32	-0.17	0%	0
031.01	Phosphorus, Photometric (%)	0881	0.8200	0.0140	0.8208	0.0346	0.0142	32	-0.02	0%	0
031.01	Phosphorus, Photometric (%)	2181	0.8200	0.0200	0.8208	0.0346	0.0142	32	-0.02	0%	0
031.01	Phosphorus, Photometric (%)	2291	0.8200	0.0400	0.8208	0.0346	0.0142	32	-0.02	0%	0
031.01	Phosphorus, Photometric (%)	0590	0.8250	0.0100	0.8208	0.0346	0.0142	32	0.12	0%	0
031.01	Phosphorus, Photometric (%)	0687	0.8250	0.0500	0.8208	0.0346	0.0142	32	0.12	0%	0
031.01	Phosphorus, Photometric (%)	0868	0.8250	0.0100	0.8208	0.0346	0.0142	32	0.12	0%	0
031.01	Phosphorus, Photometric (%)	0142	0.8259	0.0213	0.8208	0.0346	0.0142	32	0.15	0%	0
031.01	Phosphorus, Photometric (%)	0885	0.8287	0.0018	0.8208	0.0346	0.0142	32	0.23	0%	0
031.01	Phosphorus, Photometric (%)	0529	0.8300	0.0000	0.8208	0.0346	0.0142	32	0.27	1%	0
031.01	Phosphorus, Photometric (%)	0884	0.8300	0.0200	0.8208	0.0346	0.0142	32	0.27	1%	0
031.01	Phosphorus, Photometric (%)	0018	0.8400	0.0020	0.8208	0.0346	0.0142	32	0.55	1%	0
031.01	Phosphorus, Photometric (%)	0656	0.8400	0.0000	0.8208	0.0346	0.0142	32	0.55	1%	0
031.01	Phosphorus, Photometric (%)	0948	0.8450	0.0100	0.8208	0.0346	0.0142	32	0.70	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			
031.01	Phosphorus, Photometric (%)	2006	0.8580	0.0120	0.8208	0.0346	0.0142	32	1.07	2%	0
031.01	Phosphorus, Photometric (%)	2022	0.8600	0.0000	0.8208	0.0346	0.0142	32	1.13	2%	0
031.01	Phosphorus, Photometric (%)	2193	0.8600	0.0200	0.8208	0.0346	0.0142	32	1.13	2%	0
031.01	Phosphorus, Photometric (%)	2188	0.8700	0.0000	0.8208	0.0346	0.0142	32	1.42	3%	0
031.01	Phosphorus, Photometric (%)	2109	0.8795	0.0370	0.8208	0.0346	0.0142	32	1.69	4%	0
031.01	Phosphorus, Photometric (%)	0897	0.8800	0.0400	0.8208	0.0346	0.0142	32	1.71	4%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.8096	0.0033				3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.8381	0.0030				3			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.8550	0.0100				3			0
031.06	Phosphorus, Hach Method (%)	0536	0.9300	0.0000				1			0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.7020	0.0420	0.8002	0.0552	0.0271	20	-1.78	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.7250	0.0100	0.8002	0.0552	0.0271	20	-1.36	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.7450	0.0300	0.8002	0.0552	0.0271	20	-1.00	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.7450	0.0900	0.8002	0.0552	0.0271	20	-1.00	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.7490	0.0160	0.8002	0.0552	0.0271	20	-0.93	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.7518	0.0147	0.8002	0.0552	0.0271	20	-0.88	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.7750	0.0100	0.8002	0.0552	0.0271	20	-0.46	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.8000	0.0000	0.8002	0.0552	0.0271	20	0.00	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	0.8000	0.0000	0.8002	0.0552	0.0271	20	0.00	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.8100	0.0200	0.8002	0.0552	0.0271	20	0.18	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.8150	0.0100	0.8002	0.0552	0.0271	20	0.27	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.8150	0.0500	0.8002	0.0552	0.0271	20	0.27	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.8181	0.0313	0.8002	0.0552	0.0271	20	0.32	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.8200	0.0200	0.8002	0.0552	0.0271	20	0.36	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.8250	0.0300	0.8002	0.0552	0.0271	20	0.45	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.8300	0.0200	0.8002	0.0552	0.0271	20	0.54	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.8400	0.0200	0.8002	0.0552	0.0271	20	0.72	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.8650	0.0460	0.8002	0.0552	0.0271	20	1.17	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.8773	0.0019	0.8002	0.0552	0.0271	20	1.40	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.8800	0.0800	0.8002	0.0552	0.0271	20	1.45	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.7150	0.0500	0.8015	0.0498	0.0290	18	-1.74	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.7500	0.0600	0.8015	0.0498	0.0290	18	-1.04	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.7510	0.0140	0.8015	0.0498	0.0290	18	-1.02	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.7516	0.0924	0.8015	0.0498	0.0290	18	-1.00	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.7620	0.1040	0.8015	0.0498	0.0290	18	-0.79	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.7660	0.0880	0.8015	0.0498	0.0290	18	-0.71	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.7800	0.0000	0.8015	0.0498	0.0290	18	-0.43	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.7912	0.0222	0.8015	0.0498	0.0290	18	-0.21	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.7950	0.0100	0.8015	0.0498	0.0290	18	-0.13	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.8060	0.0130	0.8015	0.0498	0.0290	18	0.09	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.8200	0.0000	0.8015	0.0498	0.0290	18	0.37	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.8294	0.0072	0.8015	0.0498	0.0290	18	0.56	2%	0

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031.42	Phosphorus, ICP, Open vessel (%)	0190	0.8400	0.0200	0.8015	0.0498	0.0290	18	0.77	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.8400	0.0000	0.8015	0.0498	0.0290	18	0.77	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.8430	0.0000	0.8015	0.0498	0.0290	18	0.83	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.8430	0.0020	0.8015	0.0498	0.0290	18	0.83	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.8585	0.0310	0.8015	0.0498	0.0290	18	1.14	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.8740	0.0080	0.8015	0.0498	0.0290	18	1.46	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	0.6300	0.0000	0.8173	0.0398	0.0236	26	-4.70	11%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.7500	0.0000	0.8173	0.0398	0.0236	26	-1.69	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.7687	0.0190	0.8173	0.0398	0.0236	26	-1.22	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.7750	0.0300	0.8173	0.0398	0.0236	26	-1.06	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.7850	0.0100	0.8173	0.0398	0.0236	26	-0.81	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0300	0.7885	0.1190	0.8173	0.0398	0.0236	26	-0.72	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.7900	0.0200	0.8173	0.0398	0.0236	26	-0.68	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.7950	0.0100	0.8173	0.0398	0.0236	26	-0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	0.8040	0.0060	0.8173	0.0398	0.0236	26	-0.33	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0021	0.8050	0.0100	0.8173	0.0398	0.0236	26	-0.31	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.8050	0.0100	0.8173	0.0398	0.0236	26	-0.31	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.8115	0.0310	0.8173	0.0398	0.0236	26	-0.14	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.8200	0.0000	0.8173	0.0398	0.0236	26	0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.8219	0.0483	0.8173	0.0398	0.0236	26	0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.8230	0.0040	0.8173	0.0398	0.0236	26	0.14	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.8255	0.0250	0.8173	0.0398	0.0236	26	0.21	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.8262	0.0050	0.8173	0.0398	0.0236	26	0.22	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.8265	0.0341	0.8173	0.0398	0.0236	26	0.23	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.8300	0.0400	0.8173	0.0398	0.0236	26	0.32	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.8400	0.0200	0.8173	0.0398	0.0236	26	0.57	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.8430	0.0040	0.8173	0.0398	0.0236	26	0.65	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.8593	0.0249	0.8173	0.0398	0.0236	26	1.05	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	0.8600	0.0600	0.8173	0.0398	0.0236	26	1.07	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.8800	0.0000	0.8173	0.0398	0.0236	26	1.58	4%	0
031.43	Phosphorus, ICP, Microwave (%)	2234	0.8800	0.0600	0.8173	0.0398	0.0236	26	1.58	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.8885	0.0230	0.8173	0.0398	0.0236	26	1.79	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.6800	0.1400	0.8173	0.0398	0.0236	26	-3.45	8%	1
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.7850	0.0200				2			0
031.44	Phosphorus, ICP, Dry ash (%)	0164	0.7940	0.0140				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.7443	0.0042				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0560	0.7880	0.0068				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.8225	0.0110				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.7550	0.0300				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.7940	0.0940				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.8000	0.0080				3			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.5950	0.0300	0.7163	0.1302	0.0125	4			0

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031.99	Phosphorus, Miscellaneous (%)	2302	0.6200	0.0000	0.7163	0.1302	0.0125	4			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.7850	0.0100	0.7163	0.1302	0.0125	4			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.8650	0.0100	0.7163	0.1302	0.0125	4			0
031.99	Phosphorus, Miscellaneous (%)	0852	1.025	0.1100	0.7163	0.1302	0.0125	4			1
032.31	Potassium, AAS, Dry ash (%)	0948	0.9400	0.0000	1.070	0.1059	0.0129	8	-1.22	6%	0
032.31	Potassium, AAS, Dry ash (%)	0868	0.9850	0.0100	1.070	0.1059	0.0129	8	-0.80	4%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.000	0.0200	1.070	0.1059	0.0129	8	-0.66	3%	0
032.31	Potassium, AAS, Dry ash (%)	0536	1.065	0.0100	1.070	0.1059	0.0129	8	-0.04	0%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.073	0.0319	1.070	0.1059	0.0129	8	0.04	0%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.110	0.0000	1.070	0.1059	0.0129	8	0.38	2%	0
032.31	Potassium, AAS, Dry ash (%)	2246	1.174	0.0116	1.070	0.1059	0.0129	8	0.98	5%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.210	0.0200	1.070	0.1059	0.0129	8	1.33	7%	0
032.32	Potassium, AAS, Open vessel (%)	0169	1.195	0.0100				1			0
032.41	Potassium, ICP, Dry ash (%)	0910	1.015	0.0100	1.100	0.0594	0.0230	14	-1.44	4%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.045	0.0100	1.100	0.0594	0.0230	14	-0.93	3%	0
032.41	Potassium, ICP, Dry ash (%)	0123	1.060	0.0200	1.100	0.0594	0.0230	14	-0.68	2%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.060	0.0800	1.100	0.0594	0.0230	14	-0.68	2%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.070	0.0000	1.100	0.0594	0.0230	14	-0.51	1%	0
032.41	Potassium, ICP, Dry ash (%)	0354	1.070	0.0200	1.100	0.0594	0.0230	14	-0.51	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.098	0.0020	1.100	0.0594	0.0230	14	-0.04	0%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.100	0.0200	1.100	0.0594	0.0230	14	-0.01	0%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.105	0.0095	1.100	0.0594	0.0230	14	0.07	0%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.120	0.0000	1.100	0.0594	0.0230	14	0.33	1%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.130	0.0600	1.100	0.0594	0.0230	14	0.50	1%	0
032.41	Potassium, ICP, Dry ash (%)	0878	1.155	0.0100	1.100	0.0594	0.0230	14	0.92	2%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.275	0.0300	1.100	0.0594	0.0230	14	2.94	8%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.315	0.0500	1.100	0.0594	0.0230	14	3.61	10%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.025	0.1500	1.100	0.0594	0.0230	14	-1.27	3%	1
032.42	Potassium, ICP, Open vessel (%)	2129	1.032	0.0090	1.155	0.0473	0.0144	16	-2.62	5%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.100	0.0000	1.155	0.0473	0.0144	16	-1.17	2%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.115	0.0100	1.155	0.0473	0.0144	16	-0.85	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.130	0.0020	1.155	0.0473	0.0144	16	-0.54	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.133	0.0100	1.155	0.0473	0.0144	16	-0.48	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.134	0.0052	1.155	0.0473	0.0144	16	-0.45	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.135	0.0100	1.155	0.0473	0.0144	16	-0.43	1%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.135	0.0300	1.155	0.0473	0.0144	16	-0.43	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.140	0.0200	1.155	0.0473	0.0144	16	-0.33	1%	0
032.42	Potassium, ICP, Open vessel (%)	2319	1.180	0.0400	1.155	0.0473	0.0144	16	0.52	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.186	0.0240	1.155	0.0473	0.0144	16	0.65	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.190	0.0200	1.155	0.0473	0.0144	16	0.73	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.190	0.0400	1.155	0.0473	0.0144	16	0.73	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.203	0.0000	1.155	0.0473	0.0144	16	1.01	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			
032.42	Potassium, ICP, Open vessel (%)	0190	1.205	0.0100	1.155	0.0473	0.0144	16	1.05	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.230	0.0000	1.155	0.0473	0.0144	16	1.58	3%	0
032.43	Potassium, ICP, Microwave (%)	0089	0.8500	0.0000	1.146	0.0642	0.0269	21	-4.61	13%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.9700	0.0000	1.146	0.0642	0.0269	21	-2.74	8%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.040	0.0600	1.146	0.0642	0.0269	21	-1.65	5%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.090	0.0200	1.146	0.0642	0.0269	21	-0.88	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.095	0.0100	1.146	0.0642	0.0269	21	-0.80	2%	0
032.43	Potassium, ICP, Microwave (%)	0021	1.100	0.0000	1.146	0.0642	0.0269	21	-0.72	2%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.100	0.0200	1.146	0.0642	0.0269	21	-0.72	2%	0
032.43	Potassium, ICP, Microwave (%)	0407	1.145	0.0435	1.146	0.0642	0.0269	21	-0.03	0%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.150	0.0000	1.146	0.0642	0.0269	21	0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.160	0.0000	1.146	0.0642	0.0269	21	0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.165	0.0100	1.146	0.0642	0.0269	21	0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	2192	1.165	0.1100	1.146	0.0642	0.0269	21	0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.170	0.0000	1.146	0.0642	0.0269	21	0.37	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.170	0.0000	1.146	0.0642	0.0269	21	0.37	1%	0
032.43	Potassium, ICP, Microwave (%)	0870	1.176	0.0480	1.146	0.0642	0.0269	21	0.46	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.180	0.0200	1.146	0.0642	0.0269	21	0.53	1%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.193	0.0000	1.146	0.0642	0.0269	21	0.73	2%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.200	0.0200	1.146	0.0642	0.0269	21	0.84	2%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.208	0.0925	1.146	0.0642	0.0269	21	0.96	3%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.220	0.0800	1.146	0.0642	0.0269	21	1.15	3%	0
032.43	Potassium, ICP, Microwave (%)	2326	1.235	0.0300	1.146	0.0642	0.0269	21	1.38	4%	0
032.44	Potassium, ICP, Dry ash (%)	0164	1.115	0.0300				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.086	0.0109				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.155	0.0220				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0560	1.278	0.2435				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	1.110	0.0800				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.135	0.0100				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.165	0.0100				3			0
032.99	Potassium, Miscellaneous (%)	2302	0.9700	0.0000	1.125	0.0992	0.0060	5			0
032.99	Potassium, Miscellaneous (%)	0590	1.125	0.0100	1.125	0.0992	0.0060	5			0
032.99	Potassium, Miscellaneous (%)	0889	1.130	0.0000	1.125	0.0992	0.0060	5			0
032.99	Potassium, Miscellaneous (%)	0242	1.155	0.0100	1.125	0.0992	0.0060	5			0
032.99	Potassium, Miscellaneous (%)	0100	1.245	0.0100	1.125	0.0992	0.0060	5			0
033.00	Salt as chloride, Sol Cl (%)	0885	0.7440	0.0080	1.643	0.0756	0.0203	21	-11.90	27%	0
033.00	Salt as chloride, Sol Cl (%)	2193	1.345	0.0100	1.643	0.0756	0.0203	21	-3.95	9%	0
033.00	Salt as chloride, Sol Cl (%)	0171	1.475	0.0100	1.643	0.0756	0.0203	21	-2.23	5%	0
033.00	Salt as chloride, Sol Cl (%)	0897	1.530	0.0000	1.643	0.0756	0.0203	21	-1.50	3%	0
033.00	Salt as chloride, Sol Cl (%)	2076	1.610	0.0600	1.643	0.0756	0.0203	21	-0.44	1%	0
033.00	Salt as chloride, Sol Cl (%)	0675	1.620	0.0400	1.643	0.0756	0.0203	21	-0.31	1%	0
033.00	Salt as chloride, Sol Cl (%)	2022	1.620	0.0000	1.643	0.0756	0.0203	21	-0.31	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			
033.00	Salt as chloride, Sol Cl (%)	0539	1.635	0.0300	1.643	0.0756	0.0203	21	-0.11	0%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.639	0.0013	1.643	0.0756	0.0203	21	-0.06	0%	0
033.00	Salt as chloride, Sol Cl (%)	0298	1.640	0.0200	1.643	0.0756	0.0203	21	-0.04	0%	0
033.00	Salt as chloride, Sol Cl (%)	2196	1.650	0.0000	1.643	0.0756	0.0203	21	0.09	0%	0
033.00	Salt as chloride, Sol Cl (%)	0893	1.660	0.0000	1.643	0.0756	0.0203	21	0.22	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.670	0.0000	1.643	0.0756	0.0203	21	0.35	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	1.676	0.0637	1.643	0.0756	0.0203	21	0.43	1%	0
033.00	Salt as chloride, Sol Cl (%)	0884	1.690	0.0200	1.643	0.0756	0.0203	21	0.62	1%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.695	0.0100	1.643	0.0756	0.0203	21	0.68	2%	0
033.00	Salt as chloride, Sol Cl (%)	0123	1.700	0.0000	1.643	0.0756	0.0203	21	0.75	2%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.705	0.0860	1.643	0.0756	0.0203	21	0.82	2%	0
033.00	Salt as chloride, Sol Cl (%)	0878	1.710	0.0200	1.643	0.0756	0.0203	21	0.88	2%	0
033.00	Salt as chloride, Sol Cl (%)	0881	1.735	0.0170	1.643	0.0756	0.0203	21	1.21	3%	0
033.00	Salt as chloride, Sol Cl (%)	0511	1.735	0.0300	1.643	0.0756	0.0203	21	1.21	3%	0
033.01	Salt as chloride, Poten Cl (%)	0682	1.630	0.0000	1.711	0.0510	0.0138	28	-1.60	2%	0
033.01	Salt as chloride, Poten Cl (%)	0425	1.635	0.0500	1.711	0.0510	0.0138	28	-1.50	2%	0
033.01	Salt as chloride, Poten Cl (%)	2295	1.645	0.0100	1.711	0.0510	0.0138	28	-1.30	2%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.660	0.0200	1.711	0.0510	0.0138	28	-1.01	2%	0
033.01	Salt as chloride, Poten Cl (%)	0619	1.660	0.0000	1.711	0.0510	0.0138	28	-1.01	2%	0
033.01	Salt as chloride, Poten Cl (%)	0164	1.665	0.0100	1.711	0.0510	0.0138	28	-0.91	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.675	0.0100	1.711	0.0510	0.0138	28	-0.71	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.675	0.0100	1.711	0.0510	0.0138	28	-0.71	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.690	0.0000	1.711	0.0510	0.0138	28	-0.42	1%	0
033.01	Salt as chloride, Poten Cl (%)	0003	1.700	0.0000	1.711	0.0510	0.0138	28	-0.22	0%	0
033.01	Salt as chloride, Poten Cl (%)	0175	1.700	0.0000	1.711	0.0510	0.0138	28	-0.22	0%	0
033.01	Salt as chloride, Poten Cl (%)	0004	1.705	0.0100	1.711	0.0510	0.0138	28	-0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	1.710	0.0200	1.711	0.0510	0.0138	28	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	2319	1.710	0.0200	1.711	0.0510	0.0138	28	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.715	0.0100	1.711	0.0510	0.0138	28	0.07	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.716	0.0050	1.711	0.0510	0.0138	28	0.08	0%	0
033.01	Salt as chloride, Poten Cl (%)	2109	1.717	0.0300	1.711	0.0510	0.0138	28	0.11	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.725	0.0100	1.711	0.0510	0.0138	28	0.27	0%	0
033.01	Salt as chloride, Poten Cl (%)	2146	1.725	0.0300	1.711	0.0510	0.0138	28	0.27	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.730	0.0200	1.711	0.0510	0.0138	28	0.37	1%	0
033.01	Salt as chloride, Poten Cl (%)	0001	1.735	0.0100	1.711	0.0510	0.0138	28	0.46	1%	0
033.01	Salt as chloride, Poten Cl (%)	2268	1.740	0.0000	1.711	0.0510	0.0138	28	0.56	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.750	0.0200	1.711	0.0510	0.0138	28	0.76	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.765	0.0300	1.711	0.0510	0.0138	28	1.05	2%	0
033.01	Salt as chloride, Poten Cl (%)	0186	1.780	0.0200	1.711	0.0510	0.0138	28	1.35	2%	0
033.01	Salt as chloride, Poten Cl (%)	0590	1.780	0.0000	1.711	0.0510	0.0138	28	1.35	2%	0
033.01	Salt as chloride, Poten Cl (%)	0939	1.795	0.0100	1.711	0.0510	0.0138	28	1.64	2%	0
033.01	Salt as chloride, Poten Cl (%)	0278	1.835	0.0300	1.711	0.0510	0.0138	28	2.43	4%	0

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033.01	Salt as chloride, Poten Cl (%)	0964	1.718	0.1120	1.711	0.0510	0.0138	28	0.13	0%	1
033.03	Salt as chloride, Quantab (%)	0726	0.9100	0.0600	1.369	0.3703	0.0460	5			0
033.03	Salt as chloride, Quantab (%)	0190	1.260	0.0000	1.369	0.3703	0.0460	5			0
033.03	Salt as chloride, Quantab (%)	0265	1.365	0.0700	1.369	0.3703	0.0460	5			0
033.03	Salt as chloride, Quantab (%)	0505	1.370	0.1000	1.369	0.3703	0.0460	5			0
033.03	Salt as chloride, Quantab (%)	0144	1.940	0.0000	1.369	0.3703	0.0460	5			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0868	1.630	0.0600				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.700	0.0400				2			0
033.99	Salt, Miscellaneous (%)	2234	0.9150	0.0900	1.423	0.3281	0.0371	9	-1.55	18%	0
033.99	Salt, Miscellaneous (%)	0027	1.116	0.0050	1.423	0.3281	0.0371	9	-0.94	11%	0
033.99	Salt, Miscellaneous (%)	0358	1.205	0.0500	1.423	0.3281	0.0371	9	-0.66	8%	0
033.99	Salt, Miscellaneous (%)	0536	1.310	0.0200	1.423	0.3281	0.0371	9	-0.34	4%	0
033.99	Salt, Miscellaneous (%)	0910	1.570	0.1000	1.423	0.3281	0.0371	9	0.45	5%	0
033.99	Salt, Miscellaneous (%)	2129	1.595	0.0090	1.423	0.3281	0.0371	9	0.52	6%	0
033.99	Salt, Miscellaneous (%)	2181	1.655	0.0500	1.423	0.3281	0.0371	9	0.71	8%	0
033.99	Salt, Miscellaneous (%)	2246	1.710	0.0000	1.423	0.3281	0.0371	9	0.88	10%	0
033.99	Salt, Miscellaneous (%)	2073	1.715	0.0100	1.423	0.3281	0.0371	9	0.89	10%	0
034.01	Selenium, Fluor (ppm)	0038	0.7570	0.0040				1			0
034.04	Selenium, AA, Hydride (ppm)	0171	0.6695	0.0090				3			0
034.04	Selenium, AA, Hydride (ppm)	0045	0.7080	0.0180				3			0
034.04	Selenium, AA, Hydride (ppm)	0169	0.7700	0.0600				3			0
034.31	Selenium, AAS, Dry ash (ppm)	2318	0.8400	0.0800				1			0
034.41	Selenium, ICP, Dry ash (ppm)	0407	0.4550	0.0300				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0148	0.6555	0.0410				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0619	0.6835	0.0010				3			0
034.43	Selenium, ICP, Microwave (ppm)	0066	0.4450	0.0100	0.8481	0.3387	0.1333	4			0
034.43	Selenium, ICP, Microwave (ppm)	0964	0.7620	0.2460	0.8481	0.3387	0.1333	4			0
034.43	Selenium, ICP, Microwave (ppm)	0036	0.9275	0.1670	0.8481	0.3387	0.1333	4			0
034.43	Selenium, ICP, Microwave (ppm)	0968	1.258	0.1100	0.8481	0.3387	0.1333	4			0
034.43	Selenium, ICP, Microwave (ppm)	0682	< 5		0.8481	0.3387	0.1333	4			5
034.43	Selenium, ICP, Microwave (ppm)	0021	< 22		0.8481	0.3387	0.1333	4			5
034.52	Selenium, ICP-MS, Open vessel (ppm)	0910	0.7900	0.0400				3			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0186	0.8950	0.0700				3			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0047	1.300	0.1400				3			0
034.53	Selenium, ICP-MS, Microwave (ppm)	0164	0.6865	0.0410	0.7930	0.0918	0.0522	8	-1.16	7%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0610	0.6900	0.0200	0.7930	0.0918	0.0522	8	-1.12	6%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0009	0.7805	0.0480	0.7930	0.0918	0.0522	8	-0.14	1%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0033	0.7900	0.0600	0.7930	0.0918	0.0522	8	-0.03	0%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0553	0.7930	0.0600	0.7930	0.0918	0.0522	8	0.00	0%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0021	0.8150	0.1300	0.7930	0.0918	0.0522	8	0.24	1%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0560	0.8585	0.0230	0.7930	0.0918	0.0522	8	0.71	4%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0407	0.9539	0.0352	0.7930	0.0918	0.0522	8	1.75	10%	0

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034.99	Selenium, Miscellaneous (ppm)	0190	1.860	0.1600				1			0
035.01	Sodium, Ion-selective electrode (%)	0868	0.3710	0.0080				1			0
035.02	Sodium, Em Spect (%)	0884	0.3850	0.0100				1			0
035.05	Sodium, Flame Emission (%)	0108	0.3600	0.0000				1			0
035.31	Sodium, AAS, Dry ash (%)	2246	0.3546	0.0026	0.3847	0.0231	0.0115	10	-1.30	4%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.3650	0.0100	0.3847	0.0231	0.0115	10	-0.85	3%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.3650	0.0100	0.3847	0.0231	0.0115	10	-0.85	3%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.3800	0.0000	0.3847	0.0231	0.0115	10	-0.20	1%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.3840	0.0220	0.3847	0.0231	0.0115	10	-0.03	0%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.3843	0.0005	0.3847	0.0231	0.0115	10	-0.02	0%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.3850	0.0100	0.3847	0.0231	0.0115	10	0.01	0%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.4050	0.0300	0.3847	0.0231	0.0115	10	0.88	3%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.4050	0.0100	0.3847	0.0231	0.0115	10	0.88	3%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.4900	0.0200	0.3847	0.0231	0.0115	10	4.56	14%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.4150	0.0100				1			0
035.41	Sodium, ICP, Dry ash (%)	0004	0.3480	0.0106	0.3794	0.0252	0.0106	20	-1.25	4%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.3500	0.0000	0.3794	0.0252	0.0106	20	-1.17	4%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.3545	0.0050	0.3794	0.0252	0.0106	20	-0.99	3%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.3590	0.0158	0.3794	0.0252	0.0106	20	-0.81	3%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.3612	0.0015	0.3794	0.0252	0.0106	20	-0.73	2%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.3635	0.0050	0.3794	0.0252	0.0106	20	-0.63	2%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.3650	0.0100	0.3794	0.0252	0.0106	20	-0.57	2%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.3650	0.0100	0.3794	0.0252	0.0106	20	-0.57	2%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.3650	0.0100	0.3794	0.0252	0.0106	20	-0.57	2%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.3800	0.0000	0.3794	0.0252	0.0106	20	0.02	0%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.3850	0.0100	0.3794	0.0252	0.0106	20	0.22	1%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.3850	0.0100	0.3794	0.0252	0.0106	20	0.22	1%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.3850	0.0100	0.3794	0.0252	0.0106	20	0.22	1%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.3870	0.0080	0.3794	0.0252	0.0106	20	0.30	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.3900	0.0200	0.3794	0.0252	0.0106	20	0.42	1%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.3900	0.0200	0.3794	0.0252	0.0106	20	0.42	1%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.4041	0.0015	0.3794	0.0252	0.0106	20	0.98	3%	0
035.41	Sodium, ICP, Dry ash (%)	2259	0.4200	0.0140	0.3794	0.0252	0.0106	20	1.61	5%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.4250	0.0300	0.3794	0.0252	0.0106	20	1.81	6%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.4700	0.0200	0.3794	0.0252	0.0106	20	3.60	12%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.3666	0.0016	0.3895	0.0172	0.0083	16	-1.33	3%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.3700	0.0200	0.3895	0.0172	0.0083	16	-1.13	2%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.3700	0.0200	0.3895	0.0172	0.0083	16	-1.13	2%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.3788	0.0023	0.3895	0.0172	0.0083	16	-0.62	1%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.3810	0.0020	0.3895	0.0172	0.0083	16	-0.49	1%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.3820	0.0060	0.3895	0.0172	0.0083	16	-0.43	1%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.3826	0.0068	0.3895	0.0172	0.0083	16	-0.40	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			
035.42	Sodium, ICP, Open vessel (%)	0265	0.3850	0.0100	0.3895	0.0172	0.0083	16	-0.26	1%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.3895	0.0110	0.3895	0.0172	0.0083	16	0.00	0%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.3950	0.0100	0.3895	0.0172	0.0083	16	0.32	1%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.3950	0.0100	0.3895	0.0172	0.0083	16	0.32	1%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.4000	0.0000	0.3895	0.0172	0.0083	16	0.61	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.4025	0.0010	0.3895	0.0172	0.0083	16	0.76	2%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.4030	0.0020	0.3895	0.0172	0.0083	16	0.79	2%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.4295	0.0210	0.3895	0.0172	0.0083	16	2.33	5%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.4390	0.0095	0.3895	0.0172	0.0083	16	2.88	6%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.3250	0.0100	0.3953	0.0201	0.0080	20	-3.50	9%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.3575	0.0151	0.3953	0.0201	0.0080	20	-1.88	5%	0
035.43	Sodium, ICP, Microwave (%)	2192	0.3650	0.0100	0.3953	0.0201	0.0080	20	-1.51	4%	0
035.43	Sodium, ICP, Microwave (%)	0300	0.3800	0.0120	0.3953	0.0201	0.0080	20	-0.76	2%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.3800	0.0000	0.3953	0.0201	0.0080	20	-0.76	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.3875	0.0050	0.3953	0.0201	0.0080	20	-0.39	1%	0
035.43	Sodium, ICP, Microwave (%)	0021	0.3900	0.0200	0.3953	0.0201	0.0080	20	-0.26	1%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.3928	0.0023	0.3953	0.0201	0.0080	20	-0.13	0%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.3950	0.0100	0.3953	0.0201	0.0080	20	-0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.3999	0.0086	0.3953	0.0201	0.0080	20	0.23	1%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.4000	0.0000	0.3953	0.0201	0.0080	20	0.23	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.4000	0.0000	0.3953	0.0201	0.0080	20	0.23	1%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.4000	0.0200	0.3953	0.0201	0.0080	20	0.23	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.4000	0.0000	0.3953	0.0201	0.0080	20	0.23	1%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.4012	0.0143	0.3953	0.0201	0.0080	20	0.29	1%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.4085	0.0210	0.3953	0.0201	0.0080	20	0.66	2%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.4100	0.0000	0.3953	0.0201	0.0080	20	0.73	2%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.4175	0.0050	0.3953	0.0201	0.0080	20	1.11	3%	0
035.43	Sodium, ICP, Microwave (%)	2326	0.4225	0.0070	0.3953	0.0201	0.0080	20	1.35	3%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.5500	0.0000	0.3953	0.0201	0.0080	20	7.70	20%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.3950	0.0700	0.3953	0.0201	0.0080	20	-0.01	0%	1
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.3453	0.0090				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0560	0.3916	0.0116				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.4230	0.0080				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.3700	0.0200				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.3815	0.0610				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.3840	0.0200				3			0
035.99	Sodium, Miscellaneous (%)	0242	0.3550	0.0100	0.4038	0.0333	0.0075	4			0
035.99	Sodium, Miscellaneous (%)	0100	0.4150	0.0100	0.4038	0.0333	0.0075	4			0
035.99	Sodium, Miscellaneous (%)	0590	0.4150	0.0100	0.4038	0.0333	0.0075	4			0
035.99	Sodium, Miscellaneous (%)	2302	0.4300	0.0000	0.4038	0.0333	0.0075	4			0
035.99	Sodium, Miscellaneous (%)	0889	0.1000	0.0000	0.4038	0.0333	0.0075	4			2
036.04	Sulfur, LECO (%)	0229	0.2750	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			
036.04	Sulfur, LECO (%)	0226	0.3050	0.0100				3			0
036.04	Sulfur, LECO (%)	0148	0.3290	0.0000				3			0
036.42	Sulfur, ICP, Open vessel (%)	0910	0.2348	0.0062	0.2890	0.0212	0.0063	19	-2.56	9%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.2595	0.0050	0.2890	0.0212	0.0063	19	-1.39	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.2660	0.0006	0.2890	0.0212	0.0063	19	-1.09	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.2695	0.0054	0.2890	0.0212	0.0063	19	-0.92	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.2700	0.0000	0.2890	0.0212	0.0063	19	-0.90	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.2790	0.0280	0.2890	0.0212	0.0063	19	-0.47	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.2800	0.0200	0.2890	0.0212	0.0063	19	-0.42	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.2845	0.0040	0.2890	0.0212	0.0063	19	-0.21	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.2850	0.0100	0.2890	0.0212	0.0063	19	-0.19	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.2885	0.0010	0.2890	0.0212	0.0063	19	-0.02	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0229	0.2950	0.0100	0.2890	0.0212	0.0063	19	0.28	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.3000	0.0000	0.2890	0.0212	0.0063	19	0.52	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.3020	0.0038	0.2890	0.0212	0.0063	19	0.61	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.3040	0.0040	0.2890	0.0212	0.0063	19	0.71	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.3050	0.0100	0.2890	0.0212	0.0063	19	0.75	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.3065	0.0050	0.2890	0.0212	0.0063	19	0.82	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.3100	0.0000	0.2890	0.0212	0.0063	19	0.99	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.3100	0.0000	0.2890	0.0212	0.0063	19	0.99	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.3195	0.0070	0.2890	0.0212	0.0063	19	1.44	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	206.0	2.000	0.2890	0.0212	0.0063	19	9700.51	35589%	2
036.43	Sulfur, ICP, Microwave (%)	0407	0.2588	0.0149	0.3061	0.0162	0.0114	17	-2.93	8%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.2850	0.0100	0.3061	0.0162	0.0114	17	-1.31	3%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.2850	0.0100	0.3061	0.0162	0.0114	17	-1.31	3%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.2971	0.0075	0.3061	0.0162	0.0114	17	-0.56	1%	0
036.43	Sulfur, ICP, Microwave (%)	2326	0.2995	0.0090	0.3061	0.0162	0.0114	17	-0.41	1%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.3000	0.0000	0.3061	0.0162	0.0114	17	-0.38	1%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.3015	0.0050	0.3061	0.0162	0.0114	17	-0.29	1%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.3023	0.0142	0.3061	0.0162	0.0114	17	-0.24	1%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.3050	0.0100	0.3061	0.0162	0.0114	17	-0.07	0%	0
036.43	Sulfur, ICP, Microwave (%)	0033	0.3095	0.0070	0.3061	0.0162	0.0114	17	0.21	1%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.3100	0.0200	0.3061	0.0162	0.0114	17	0.24	1%	0
036.43	Sulfur, ICP, Microwave (%)	0021	0.3150	0.0100	0.3061	0.0162	0.0114	17	0.55	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.3161	0.0317	0.3061	0.0162	0.0114	17	0.61	2%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.3200	0.0000	0.3061	0.0162	0.0114	17	0.86	2%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.3200	0.0000	0.3061	0.0162	0.0114	17	0.86	2%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.3260	0.0340	0.3061	0.0162	0.0114	17	1.23	3%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.3450	0.0100	0.3061	0.0162	0.0114	17	2.40	6%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.3150	0.0280				2			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0560	0.3343	0.0083				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.3000	0.0080				1			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
036.99	Sulfur, Miscellaneous (%)	0889	0.2550	0.0100				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.2650	0.0100				2			0
037.31	Zinc, AAS, Dry ash (ppm)	2318	52.00	2.000	167.0	21.69	4.448	11	-5.30	34%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	144.1	16.20	167.0	21.69	4.448	11	-1.06	7%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	151.2	9.100	167.0	21.69	4.448	11	-0.73	5%	0
037.31	Zinc, AAS, Dry ash (ppm)	0868	159.5	1.000	167.0	21.69	4.448	11	-0.35	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0536	160.2	5.100	167.0	21.69	4.448	11	-0.32	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	173.5	0.2600	167.0	21.69	4.448	11	0.30	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	175.4	0.0000	167.0	21.69	4.448	11	0.39	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	175.8	6.800	167.0	21.69	4.448	11	0.41	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0175	177.0	2.000	167.0	21.69	4.448	11	0.46	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	186.3	0.4700	167.0	21.69	4.448	11	0.89	6%	0
037.31	Zinc, AAS, Dry ash (ppm)	2246	216.0	6.000	167.0	21.69	4.448	11	2.26	15%	0
037.33	Zinc, AAS, Microwave (ppm)	0948	167.6	5.030				2			0
037.33	Zinc, AAS, Microwave (ppm)	2178	168.5	0.8000				2			0
037.41	Zinc, ICP, Dry ash (ppm)	0171	147.0	4.000	165.6	12.87	5.116	15	-1.45	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0354	151.9	0.6300	165.6	12.87	5.116	15	-1.07	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	153.0	10.24	165.6	12.87	5.116	15	-0.99	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	157.0	0.8800	165.6	12.87	5.116	15	-0.67	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	157.5	3.000	165.6	12.87	5.116	15	-0.63	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	160.8	0.2000	165.6	12.87	5.116	15	-0.38	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	162.0	18.00	165.6	12.87	5.116	15	-0.28	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	162.5	6.500	165.6	12.87	5.116	15	-0.25	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	169.0	0.2100	165.6	12.87	5.116	15	0.26	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0878	171.5	9.000	165.6	12.87	5.116	15	0.46	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	173.0	0.9905	165.6	12.87	5.116	15	0.57	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	178.7	8.800	165.6	12.87	5.116	15	1.01	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	179.0	2.000	165.6	12.87	5.116	15	1.04	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	180.4	6.190	165.6	12.87	5.116	15	1.15	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	181.5	6.100	165.6	12.87	5.116	15	1.23	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	0.3165	0.0130	184.8	16.65	5.673	17	-11.08	50%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	167.0	4.000	184.8	16.65	5.673	17	-1.07	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	172.2	3.900	184.8	16.65	5.673	17	-0.76	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	172.8	5.800	184.8	16.65	5.673	17	-0.72	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	175.0	0.0500	184.8	16.65	5.673	17	-0.59	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	175.0	22.00	184.8	16.65	5.673	17	-0.59	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	181.3	5.475	184.8	16.65	5.673	17	-0.21	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	183.0	14.00	184.8	16.65	5.673	17	-0.11	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	184.0	14.00	184.8	16.65	5.673	17	-0.05	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	185.1	1.100	184.8	16.65	5.673	17	0.01	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	185.5	1.408	184.8	16.65	5.673	17	0.04	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	185.8	7.100	184.8	16.65	5.673	17	0.06	0%	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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037.42	Zinc, ICP, Open vessel (ppm)	2319	187.5	11.00	184.8	16.65	5.673	17	0.16	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0035	204.0	0.0000	184.8	16.65	5.673	17	1.15	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	205.5	1.800	184.8	16.65	5.673	17	1.24	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	208.6	0.4000	184.8	16.65	5.673	17	1.43	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	229.5	4.400	184.8	16.65	5.673	17	2.68	12%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	155.5	13.00	194.9	11.79	7.403	26	-3.34	10%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	179.0	6.000	194.9	11.79	7.403	26	-1.35	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	182.7	5.100	194.9	11.79	7.403	26	-1.04	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	183.6	0.0000	194.9	11.79	7.403	26	-0.96	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0425	187.0	22.50	194.9	11.79	7.403	26	-0.67	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0033	187.5	17.00	194.9	11.79	7.403	26	-0.62	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0964	187.7	2.000	194.9	11.79	7.403	26	-0.61	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	189.1	15.45	194.9	11.79	7.403	26	-0.49	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0021	190.0	0.0000	194.9	11.79	7.403	26	-0.41	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	190.5	1.000	194.9	11.79	7.403	26	-0.37	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	190.8	3.309	194.9	11.79	7.403	26	-0.35	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	191.0	2.000	194.9	11.79	7.403	26	-0.33	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	192.0	16.00	194.9	11.79	7.403	26	-0.24	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2234	193.5	6.550	194.9	11.79	7.403	26	-0.12	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	194.0	2.000	194.9	11.79	7.403	26	-0.07	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	194.6	3.300	194.9	11.79	7.403	26	-0.03	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	196.0	0.0000	194.9	11.79	7.403	26	0.10	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	196.0	0.0000	194.9	11.79	7.403	26	0.10	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	199.7	8.700	194.9	11.79	7.403	26	0.41	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2058	203.1	8.280	194.9	11.79	7.403	26	0.70	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	204.3	2.500	194.9	11.79	7.403	26	0.80	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	208.9	7.400	194.9	11.79	7.403	26	1.19	4%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	210.9	16.83	194.9	11.79	7.403	26	1.36	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	214.0	0.0000	194.9	11.79	7.403	26	1.62	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	227.3	4.548	194.9	11.79	7.403	26	2.75	8%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	237.5	29.00	194.9	11.79	7.403	26	3.62	11%	0
037.44	Zinc, ICP, Dry ash (ppm)	0164	152.0	0.0000				2			0
037.44	Zinc, ICP, Dry ash (ppm)	0066	171.8	7.000				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	152.3	3.070				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0560	187.8	7.500				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	192.0	10.00				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	175.0	8.000				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0572	179.5	13.00				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	194.0	2.000				3			0
037.99	Zinc, Miscellaneous (ppm)	0590	163.0	8.000	181.2	25.16	6.336	5			0
037.99	Zinc, Miscellaneous (ppm)	0889	163.1	3.680	181.2	25.16	6.336	5			0
037.99	Zinc, Miscellaneous (ppm)	0242	171.0	10.00	181.2	25.16	6.336	5			0

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037.99	Zinc, Miscellaneous (ppm)	2302	186.0	0.0000	181.2	25.16	6.336	5			0
037.99	Zinc, Miscellaneous (ppm)	0100	223.0	10.00	181.2	25.16	6.336	5			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	3.235	0.0100				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	3.450	0.0000				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	4.251	0.4587				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	3.900	0.0800				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0265	3.980	0.3000				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	4.715	1.130				3			0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	2.729	0.3384	3.930	0.6478	0.1463	9	-1.85	15%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	3.220	0.1200	3.930	0.6478	0.1463	9	-1.10	9%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	3.550	0.1000	3.930	0.6478	0.1463	9	-0.59	5%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0021	3.950	0.1000	3.930	0.6478	0.1463	9	0.03	0%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	4.100	0.2000	3.930	0.6478	0.1463	9	0.26	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0964	4.199	0.2625	3.930	0.6478	0.1463	9	0.42	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	4.352	0.0956	3.930	0.6478	0.1463	9	0.65	5%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	4.375	0.0900	3.930	0.6478	0.1463	9	0.69	6%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	4.665	0.0100	3.930	0.6478	0.1463	9	1.13	9%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0910	3.305	0.2100				2			0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	3.450	0.1000				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	4.450	0.0600				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0021	4.650	0.1000				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	4.740	0.6400				3			0
040.52	Barium, ICP-MS, Open vessel (ppm)	0560	22.25	1.010				1			0
041.43	Vanadium, ICP, Microwave (ppm)	0021	< 2					0			5
041.53	Vanadium, ICP-MS, Microwave (ppm)	0553	0.8950	0.0560				1			0
042.00	Chloride, Titrimetric (%)	0948	1.040	0.0000				2			0
042.00	Chloride, Titrimetric (%)	2326	1.060	0.0000				2			0
042.99	Chloride, Miscellaneous (%)	2302	0.8700	0.0000				2			0
042.99	Chloride, Miscellaneous (%)	0297	1.065	0.0300				2			0
101.99	Choline Chloride, Miscellaneous (ppm)	0227	1,475	30.00				1			0
102.01	Niacin, Microbiological (ppm)	0227	110.5	1.000				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	9.350	0.3400				1			0
104.00	Riboflavin, Fluorometric (ppm)	0227	3.345	0.2300				2			0
104.00	Riboflavin, Fluorometric (ppm)	0171	8.880	0.5400				2			0
104.03	Riboflavin, LC (ppm)	0910	0.7650	0.1500				1			0
105.00	Thiamine, LC (ppm)	0910	1.755	1.770				1			0
105.01	Thiamine, Fluorometer (ppm)	0227	3.550	0.0600				1			0
106.00	Vitamin A, Color (KU / kg)	0227	13.45	3.100				1			0
106.01	Vitamin A, UV (KU / kg)	0098	13.55	2.300				1			0
106.02	Vitamin A, LC (KU / kg)	0638	3.600	0.0000	12.71	5.734	1.081	15	-1.59	36%	0
106.02	Vitamin A, LC (KU / kg)	0096	6.890	4.698	12.71	5.734	1.081	15	-1.01	23%	0
106.02	Vitamin A, LC (KU / kg)	0675	7.115	0.0900	12.71	5.734	1.081	15	-0.97	22%	0

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106.02	Vitamin A, LC (KU / kg)	0910	9.400	3.800	12.71	5.734	1.081	15	-0.58	13%	0
106.02	Vitamin A, LC (KU / kg)	0905	9.935	0.1900	12.71	5.734	1.081	15	-0.48	11%	0
106.02	Vitamin A, LC (KU / kg)	2103	11.12	0.5900	12.71	5.734	1.081	15	-0.28	6%	0
106.02	Vitamin A, LC (KU / kg)	0656	11.46	0.0000	12.71	5.734	1.081	15	-0.22	5%	0
106.02	Vitamin A, LC (KU / kg)	0036	11.95	1.100	12.71	5.734	1.081	15	-0.13	3%	0
106.02	Vitamin A, LC (KU / kg)	0610	13.00	0.0000	12.71	5.734	1.081	15	0.05	1%	0
106.02	Vitamin A, LC (KU / kg)	2192	14.40	3.200	12.71	5.734	1.081	15	0.30	7%	0
106.02	Vitamin A, LC (KU / kg)	0004	14.63	1.540	12.71	5.734	1.081	15	0.34	8%	0
106.02	Vitamin A, LC (KU / kg)	0148	15.50	0.0000	12.71	5.734	1.081	15	0.49	11%	0
106.02	Vitamin A, LC (KU / kg)	0038	18.47	0.3000	12.71	5.734	1.081	15	1.01	23%	0
106.02	Vitamin A, LC (KU / kg)	0619	23.65	0.3000	12.71	5.734	1.081	15	1.91	43%	0
106.02	Vitamin A, LC (KU / kg)	0689	24.60	0.4000	12.71	5.734	1.081	15	2.07	47%	0
106.02	Vitamin A, LC (KU / kg)	2319	49.75	79.30	12.71	5.734	1.081	15	6.46	146%	1
107.00	Vitamin B12, Microbiological (ppb)	0227	37.60	4.400				1			0
108.02	Vitamin D3, LC (KU / kg)	0227	0.9755	0.0890	1.379	0.5576	0.1673	4			0
108.02	Vitamin D3, LC (KU / kg)	0910	1.105	0.2900	1.379	0.5576	0.1673	4			0
108.02	Vitamin D3, LC (KU / kg)	2319	1.235	0.0900	1.379	0.5576	0.1673	4			0
108.02	Vitamin D3, LC (KU / kg)	0675	2.200	0.2000	1.379	0.5576	0.1673	4			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0619	0.7185	0.1070				1			0
109.02	Vitamin E, LC (IU / kg)	0638	30.00	0.0000	77.98	19.90	5.682	13	-2.41	31%	0
109.02	Vitamin E, LC (IU / kg)	0675	49.49	5.680	77.98	19.90	5.682	13	-1.43	18%	0
109.02	Vitamin E, LC (IU / kg)	0619	59.00	8.000	77.98	19.90	5.682	13	-0.95	12%	0
109.02	Vitamin E, LC (IU / kg)	0098	61.95	17.90	77.98	19.90	5.682	13	-0.81	10%	0
109.02	Vitamin E, LC (IU / kg)	0910	77.40	4.400	77.98	19.90	5.682	13	-0.03	0%	0
109.02	Vitamin E, LC (IU / kg)	0610	81.00	10.00	77.98	19.90	5.682	13	0.15	2%	0
109.02	Vitamin E, LC (IU / kg)	0036	82.35	0.3000	77.98	19.90	5.682	13	0.22	3%	0
109.02	Vitamin E, LC (IU / kg)	2192	86.80	7.000	77.98	19.90	5.682	13	0.44	6%	0
109.02	Vitamin E, LC (IU / kg)	0148	87.71	12.86	77.98	19.90	5.682	13	0.49	6%	0
109.02	Vitamin E, LC (IU / kg)	0941	91.32	0.0000	77.98	19.90	5.682	13	0.67	9%	0
109.02	Vitamin E, LC (IU / kg)	0676	95.77	1.560	77.98	19.90	5.682	13	0.89	11%	0
109.02	Vitamin E, LC (IU / kg)	0227	96.40	3.000	77.98	19.90	5.682	13	0.93	12%	0
109.02	Vitamin E, LC (IU / kg)	0905	96.48	3.170	77.98	19.90	5.682	13	0.93	12%	0
109.02	Vitamin E, LC (IU / kg)	2319	50.49	73.92	77.98	19.90	5.682	13	-1.38	18%	1
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	74.00	2.000				1			0
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 9.53					0			5
112.01	Pyridoxine, LC (µg / g)	0227	3.430	0.0200				1			0
113.01	Folic Acid, Micro (ppm)	0227	0.6785	0.0590				1			0
114.01	Biotin, Microbiological (ppm)	0227	0.2255	0.0130				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	1.005	0.4500				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	6.235	0.8300				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.5450	0.0100	0.6203	0.0213	0.0100	19	-3.53	6%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.5650	0.0300	0.6203	0.0213	0.0100	19	-2.59	4%	0

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120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.5755	0.0050	0.6203	0.0213	0.0100	19	-2.10	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.5970	0.0060	0.6203	0.0213	0.0100	19	-1.09	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.6100	0.0000	0.6203	0.0213	0.0100	19	-0.48	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.6180	0.0000	0.6203	0.0213	0.0100	19	-0.11	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.6200	0.0000	0.6203	0.0213	0.0100	19	-0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0662	0.6228	0.0124	0.6203	0.0213	0.0100	19	0.12	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	0.6230	0.0400	0.6203	0.0213	0.0100	19	0.13	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.6235	0.0050	0.6203	0.0213	0.0100	19	0.15	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.6250	0.0100	0.6203	0.0213	0.0100	19	0.22	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.6250	0.0100	0.6203	0.0213	0.0100	19	0.22	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	0.6275	0.0030	0.6203	0.0213	0.0100	19	0.34	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.6285	0.0221	0.6203	0.0213	0.0100	19	0.38	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.6300	0.0040	0.6203	0.0213	0.0100	19	0.46	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.6315	0.0010	0.6203	0.0213	0.0100	19	0.53	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.6340	0.0080	0.6203	0.0213	0.0100	19	0.64	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.6568	0.0024	0.6203	0.0213	0.0100	19	1.71	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.6588	0.0205	0.6203	0.0213	0.0100	19	1.80	3%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.6315	0.0270				1			0
120.05	Alanine, Pre-col AQC Der (%)	2246	0.5888	0.0110	0.6044	0.0166	0.0160	7	-0.94	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.5894	0.0000	0.6044	0.0166	0.0160	7	-0.90	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.5950	0.0700	0.6044	0.0166	0.0160	7	-0.57	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	0.6000	0.0000	0.6044	0.0166	0.0160	7	-0.26	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.6135	0.0310	0.6044	0.0166	0.0160	7	0.55	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.6200	0.0000	0.6044	0.0166	0.0160	7	0.94	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.6240	0.0000	0.6044	0.0166	0.0160	7	1.18	2%	0
120.99	Alanine, Miscellaneous (%)	0889	0.4900	0.0000				2			0
120.99	Alanine, Miscellaneous (%)	0227	0.6150	0.0100				2			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.6950	0.0300	0.7589	0.0303	0.0143	19	-2.11	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.7124	0.0028	0.7589	0.0303	0.0143	19	-1.53	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.7205	0.0090	0.7589	0.0303	0.0143	19	-1.27	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.7300	0.0200	0.7589	0.0303	0.0143	19	-0.95	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	0.7390	0.0000	0.7589	0.0303	0.0143	19	-0.66	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.7400	0.0200	0.7589	0.0303	0.0143	19	-0.62	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	0.7485	0.0110	0.7589	0.0303	0.0143	19	-0.34	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.7635	0.0003	0.7589	0.0303	0.0143	19	0.15	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.7635	0.0430	0.7589	0.0303	0.0143	19	0.15	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.7640	0.0020	0.7589	0.0303	0.0143	19	0.17	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.7650	0.0100	0.7589	0.0303	0.0143	19	0.20	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	0.7675	0.0070	0.7589	0.0303	0.0143	19	0.28	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	0.7700	0.0200	0.7589	0.0303	0.0143	19	0.37	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	0.7750	0.0100	0.7589	0.0303	0.0143	19	0.53	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	0.7770	0.0020	0.7589	0.0303	0.0143	19	0.60	1%	0

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121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.7835	0.0210	0.7589	0.0303	0.0143	19	0.81	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	0.7865	0.0030	0.7589	0.0303	0.0143	19	0.91	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0662	0.7939	0.0208	0.7589	0.0303	0.0143	19	1.16	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	0.8726	0.0405	0.7589	0.0303	0.0143	19	3.75	7%	0
121.02	Arginine, Post-col OPA Der (%)	0098	0.7410	0.0100				1			0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.7120	0.0060	0.7650	0.0427	0.0183	7	-1.24	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	0.7397	0.0000	0.7650	0.0427	0.0183	7	-0.59	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.7400	0.0800	0.7650	0.0427	0.0183	7	-0.59	2%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	0.7700	0.0000	0.7650	0.0427	0.0183	7	0.12	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	0.7720	0.0000	0.7650	0.0427	0.0183	7	0.16	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2246	0.8016	0.0422	0.7650	0.0427	0.0183	7	0.86	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	0.8200	0.0000	0.7650	0.0427	0.0183	7	1.29	4%	0
121.99	Arginine, Miscellaneous (%)	0889	0.7200	0.0400				2			0
121.99	Arginine, Miscellaneous (%)	0227	0.7250	0.0100				2			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	0.8830	0.0080	0.9378	0.0297	0.0124	19	-1.85	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	0.8950	0.0300	0.9378	0.0297	0.0124	19	-1.44	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	0.9050	0.0100	0.9378	0.0297	0.0124	19	-1.11	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	0.9090	0.0000	0.9378	0.0297	0.0124	19	-0.97	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	0.9156	0.0202	0.9378	0.0297	0.0124	19	-0.75	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	0.9215	0.0150	0.9378	0.0297	0.0124	19	-0.55	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	0.9300	0.0000	0.9378	0.0297	0.0124	19	-0.26	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	0.9390	0.0040	0.9378	0.0297	0.0124	19	0.04	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	0.9400	0.0200	0.9378	0.0297	0.0124	19	0.07	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	0.9400	0.0200	0.9378	0.0297	0.0124	19	0.07	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	0.9435	0.0070	0.9378	0.0297	0.0124	19	0.19	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	0.9445	0.0030	0.9378	0.0297	0.0124	19	0.22	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	0.9500	0.0000	0.9378	0.0297	0.0124	19	0.41	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	0.9505	0.0230	0.9378	0.0297	0.0124	19	0.43	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	0.9525	0.0010	0.9378	0.0297	0.0124	19	0.49	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	0.9595	0.0210	0.9378	0.0297	0.0124	19	0.73	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	0.9652	0.0032	0.9378	0.0297	0.0124	19	0.92	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0662	0.9860	0.0032	0.9378	0.0297	0.0124	19	1.62	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.024	0.0464	0.9378	0.0297	0.0124	19	2.89	5%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	0.9135	0.0150				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	0.8210	0.0000	0.9122	0.0540	0.0020	5			0
122.05	Aspartic, Pre-col AQC Der (%)	2196	0.9190	0.0000	0.9122	0.0540	0.0020	5			0
122.05	Aspartic, Pre-col AQC Der (%)	2188	0.9260	0.0000	0.9122	0.0540	0.0020	5			0
122.05	Aspartic, Pre-col AQC Der (%)	2319	0.9300	0.0000	0.9122	0.0540	0.0020	5			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	0.9650	0.0100	0.9122	0.0540	0.0020	5			0
122.05	Aspartic, Pre-col AQC Der (%)	0148	0.9400	0.1000	0.9122	0.0540	0.0020	5			1
122.99	Aspartic, Miscellaneous (%)	0227	0.9150	0.0100				2			0
122.99	Aspartic, Miscellaneous (%)	0889	1.055	0.0100				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			
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.2110	0.0011	0.2465	0.0195	0.0095	19	-1.83	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.2150	0.0100	0.2465	0.0195	0.0095	19	-1.62	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0662	0.2263	0.0002	0.2465	0.0195	0.0095	19	-1.04	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.2350	0.0100	0.2465	0.0195	0.0095	19	-0.59	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.2370	0.0017	0.2465	0.0195	0.0095	19	-0.49	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.2385	0.0090	0.2465	0.0195	0.0095	19	-0.41	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.2400	0.0000	0.2465	0.0195	0.0095	19	-0.33	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.2400	0.0200	0.2465	0.0195	0.0095	19	-0.33	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0878	0.2430	0.0000	0.2465	0.0195	0.0095	19	-0.18	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.2450	0.0300	0.2465	0.0195	0.0095	19	-0.08	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.2460	0.0040	0.2465	0.0195	0.0095	19	-0.02	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.2475	0.0070	0.2465	0.0195	0.0095	19	0.05	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.2510	0.0020	0.2465	0.0195	0.0095	19	0.23	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.2560	0.0160	0.2465	0.0195	0.0095	19	0.49	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.2565	0.0030	0.2465	0.0195	0.0095	19	0.51	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0868	0.2655	0.0010	0.2465	0.0195	0.0095	19	0.98	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.2700	0.0400	0.2465	0.0195	0.0095	19	1.21	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0682	0.2820	0.0000	0.2465	0.0195	0.0095	19	1.82	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.2840	0.0260	0.2465	0.0195	0.0095	19	1.93	8%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.2580	0.0000				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.2110	0.0000	0.2910	0.1098	0.0046	7	-0.73	14%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.2333	0.0000	0.2910	0.1098	0.0046	7	-0.52	10%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.2400	0.0000	0.2910	0.1098	0.0046	7	-0.46	9%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2425	0.0090	0.2910	0.1098	0.0046	7	-0.44	8%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.2500	0.0000	0.2910	0.1098	0.0046	7	-0.37	7%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.4042	0.0179	0.2910	0.1098	0.0046	7	1.03	19%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.4881	0.0050	0.2910	0.1098	0.0046	7	1.79	34%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.1900	0.0000				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.2200	0.0000				2			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	2.036	0.0000	2.149	0.0875	0.0209	19	-1.29	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.040	0.0600	2.149	0.0875	0.0209	19	-1.24	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	2.041	0.0100	2.149	0.0875	0.0209	19	-1.23	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	2.079	0.0080	2.149	0.0875	0.0209	19	-0.80	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	2.080	0.0200	2.149	0.0875	0.0209	19	-0.78	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	2.095	0.0100	2.149	0.0875	0.0209	19	-0.61	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.128	0.0020	2.149	0.0875	0.0209	19	-0.24	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.135	0.0100	2.149	0.0875	0.0209	19	-0.16	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.136	0.0100	2.149	0.0875	0.0209	19	-0.14	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.140	0.0200	2.149	0.0875	0.0209	19	-0.10	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	2.141	0.0326	2.149	0.0875	0.0209	19	-0.09	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	2.170	0.0400	2.149	0.0875	0.0209	19	0.24	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.175	0.0100	2.149	0.0875	0.0209	19	0.30	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			
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.177	0.0090	2.149	0.0875	0.0209	19	0.32	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	2.201	0.0561	2.149	0.0875	0.0209	19	0.60	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.245	0.0032	2.149	0.0875	0.0209	19	1.10	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	2.246	0.0110	2.149	0.0875	0.0209	19	1.11	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0662	2.285	0.0457	2.149	0.0875	0.0209	19	1.56	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.340	0.0400	2.149	0.0875	0.0209	19	2.19	4%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	2.124	0.0750				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0407	2.014	0.1690	2.120	0.0803	0.0603	7	-1.32	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.030	0.0000	2.120	0.0803	0.0603	7	-1.12	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	2.120	0.0000	2.120	0.0803	0.0603	7	0.00	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.151	0.0000	2.120	0.0803	0.0603	7	0.39	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	2.155	0.2300	2.120	0.0803	0.0603	7	0.44	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	2.185	0.0128	2.120	0.0803	0.0603	7	0.81	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	2.185	0.0100	2.120	0.0803	0.0603	7	0.81	2%	0
125.99	Glutamic, Miscellaneous (%)	0889	1.700	0.0200				2			0
125.99	Glutamic, Miscellaneous (%)	0227	2.070	0.0200				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.6000	0.0000	0.6526	0.0276	0.0115	19	-1.91	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.6050	0.0300	0.6526	0.0276	0.0115	19	-1.73	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.6100	0.0000	0.6526	0.0276	0.0115	19	-1.54	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.6270	0.0000	0.6526	0.0276	0.0115	19	-0.93	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.6317	0.0145	0.6526	0.0276	0.0115	19	-0.76	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.6450	0.0100	0.6526	0.0276	0.0115	19	-0.27	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.6490	0.0120	0.6526	0.0276	0.0115	19	-0.13	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.6500	0.0000	0.6526	0.0276	0.0115	19	-0.09	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.6550	0.0300	0.6526	0.0276	0.0115	19	0.09	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.6550	0.0100	0.6526	0.0276	0.0115	19	0.09	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.6575	0.0330	0.6526	0.0276	0.0115	19	0.18	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.6635	0.0110	0.6526	0.0276	0.0115	19	0.40	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.6665	0.0030	0.6526	0.0276	0.0115	19	0.50	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.6675	0.0030	0.6526	0.0276	0.0115	19	0.54	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.6740	0.0120	0.6526	0.0276	0.0115	19	0.78	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.6769	0.0002	0.6526	0.0276	0.0115	19	0.88	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0662	0.6774	0.0082	0.6526	0.0276	0.0115	19	0.90	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.6800	0.0240	0.6526	0.0276	0.0115	19	0.99	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.6894	0.0171	0.6526	0.0276	0.0115	19	1.33	3%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.6625	0.0150				1			0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.6050	0.0500	0.6497	0.0435	0.0195	7	-1.03	3%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.6116	0.0000	0.6497	0.0435	0.0195	7	-0.88	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.6295	0.0270	0.6497	0.0435	0.0195	7	-0.46	2%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.6450	0.0000	0.6497	0.0435	0.0195	7	-0.11	0%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	0.6600	0.0000	0.6497	0.0435	0.0195	7	0.24	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	0.6920	0.0293	0.6497	0.0435	0.0195	7	0.97	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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126.05	Glycine, Pre-col AQC Der (%)	0676	0.7050	0.0300	0.6497	0.0435	0.0195	7	1.27	4%	0
126.99	Glycine, Miscellaneous (%)	0889	0.2900	0.0000				2			0
126.99	Glycine, Miscellaneous (%)	0227	0.6450	0.0100				2			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.2950	0.0100	0.3260	0.0187	0.0048	18	-1.66	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.3005	0.0110	0.3260	0.0187	0.0048	18	-1.36	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.3045	0.0050	0.3260	0.0187	0.0048	18	-1.15	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.3150	0.0100	0.3260	0.0187	0.0048	18	-0.59	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.3150	0.0100	0.3260	0.0187	0.0048	18	-0.59	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.3150	0.0100	0.3260	0.0187	0.0048	18	-0.59	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.3198	0.0026	0.3260	0.0187	0.0048	18	-0.33	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.3230	0.0040	0.3260	0.0187	0.0048	18	-0.16	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.3245	0.0030	0.3260	0.0187	0.0048	18	-0.08	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.3271	0.0004	0.3260	0.0187	0.0048	18	0.06	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.3315	0.0050	0.3260	0.0187	0.0048	18	0.29	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.3330	0.0000	0.3260	0.0187	0.0048	18	0.37	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.3335	0.0030	0.3260	0.0187	0.0048	18	0.40	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.3345	0.0010	0.3260	0.0187	0.0048	18	0.45	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.3400	0.0000	0.3260	0.0187	0.0048	18	0.75	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.3491	0.0004	0.3260	0.0187	0.0048	18	1.23	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0662	0.3504	0.0103	0.3260	0.0187	0.0048	18	1.30	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.3650	0.0000	0.3260	0.0187	0.0048	18	2.08	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.3200	0.0400	0.3260	0.0187	0.0048	18	-0.32	1%	1
127.02	Histidine, Post-col OPA Der (%)	0098	0.3195	0.0090				1			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.2900	0.0200	0.3042	0.0199	0.0138	7	-0.72	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.2910	0.0000	0.3042	0.0199	0.0138	7	-0.67	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.2911	0.0000	0.3042	0.0199	0.0138	7	-0.66	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.3000	0.0200	0.3042	0.0199	0.0138	7	-0.21	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.3000	0.0000	0.3042	0.0199	0.0138	7	-0.21	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.3235	0.0170	0.3042	0.0199	0.0138	7	0.97	3%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.3789	0.0395	0.3042	0.0199	0.0138	7	3.75	12%	0
127.99	Histidine, Miscellaneous (%)	0889	0.2900	0.0000				2			0
127.99	Histidine, Miscellaneous (%)	0227	0.3200	0.0000				2			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.3300	0.0000	0.3949	0.0305	0.0109	19	-2.13	8%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.3310	0.0000	0.3949	0.0305	0.0109	19	-2.10	8%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.3600	0.0020	0.3949	0.0305	0.0109	19	-1.15	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.3600	0.0200	0.3949	0.0305	0.0109	19	-1.15	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.3772	0.0033	0.3949	0.0305	0.0109	19	-0.58	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.3850	0.0100	0.3949	0.0305	0.0109	19	-0.33	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.3875	0.0190	0.3949	0.0305	0.0109	19	-0.24	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.3900	0.0000	0.3949	0.0305	0.0109	19	-0.16	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.3935	0.0030	0.3949	0.0305	0.0109	19	-0.05	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.3999	0.0075	0.3949	0.0305	0.0109	19	0.16	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			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.4000	0.0200	0.3949	0.0305	0.0109	19	0.17	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.4025	0.0190	0.3949	0.0305	0.0109	19	0.25	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.4050	0.0020	0.3949	0.0305	0.0109	19	0.33	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.4130	0.0060	0.3949	0.0305	0.0109	19	0.59	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.4150	0.0060	0.3949	0.0305	0.0109	19	0.66	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.4190	0.0100	0.3949	0.0305	0.0109	19	0.79	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0662	0.4273	0.0438	0.3949	0.0305	0.0109	19	1.06	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.4300	0.0200	0.3949	0.0305	0.0109	19	1.15	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.4771	0.0162	0.3949	0.0305	0.0109	19	2.70	10%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.4115	0.0090				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.3300	0.0000	0.3984	0.0179	0.0100	7	-3.82	9%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.3830	0.0120	0.3984	0.0179	0.0100	7	-0.86	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.4000	0.0400	0.3984	0.0179	0.0100	7	0.09	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.4000	0.0000	0.3984	0.0179	0.0100	7	0.09	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.4090	0.0000	0.3984	0.0179	0.0100	7	0.59	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	0.4105	0.0079	0.3984	0.0179	0.0100	7	0.67	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.4150	0.0100	0.3984	0.0179	0.0100	7	0.93	2%	0
128.99	Isoleucine, Miscellaneous (%)	0227	0.3850	0.0100				2			0
128.99	Isoleucine, Miscellaneous (%)	0889	0.4000	0.0000				2			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	0.6930	0.0000	0.7994	0.0321	0.0136	19	-3.32	7%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	0.7450	0.0300	0.7994	0.0321	0.0136	19	-1.69	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	0.7495	0.0170	0.7994	0.0321	0.0136	19	-1.55	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0662	0.7743	0.0216	0.7994	0.0321	0.0136	19	-0.78	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	0.7850	0.0300	0.7994	0.0321	0.0136	19	-0.45	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	0.7900	0.0200	0.7994	0.0321	0.0136	19	-0.29	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	0.7900	0.0000	0.7994	0.0321	0.0136	19	-0.29	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	0.7932	0.0241	0.7994	0.0321	0.0136	19	-0.19	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	0.7950	0.0300	0.7994	0.0321	0.0136	19	-0.14	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	0.7950	0.0100	0.7994	0.0321	0.0136	19	-0.14	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	0.8065	0.0090	0.7994	0.0321	0.0136	19	0.22	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	0.8135	0.0030	0.7994	0.0321	0.0136	19	0.44	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	0.8145	0.0030	0.7994	0.0321	0.0136	19	0.47	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	0.8230	0.0180	0.7994	0.0321	0.0136	19	0.74	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	0.8250	0.0000	0.7994	0.0321	0.0136	19	0.80	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	0.8255	0.0010	0.7994	0.0321	0.0136	19	0.81	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	0.8260	0.0100	0.7994	0.0321	0.0136	19	0.83	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	0.8306	0.0024	0.7994	0.0321	0.0136	19	0.97	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	0.8760	0.0302	0.7994	0.0321	0.0136	19	2.39	5%	0
129.02	Leucine, Post-col OPA Der (%)	0098	0.8155	0.0150				1			0
129.05	Leucine, Pre-col AQC Der (%)	0407	0.7280	0.0020	0.7806	0.0531	0.0058	6	-0.99	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	0.7350	0.0100	0.7806	0.0531	0.0058	6	-0.86	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	0.7728	0.0000	0.7806	0.0531	0.0058	6	-0.15	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			
129.05	Leucine, Pre-col AQC Der (%)	2188	0.7770	0.0000	0.7806	0.0531	0.0058	6	-0.07	0%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	0.8308	0.0027	0.7806	0.0531	0.0058	6	0.94	3%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	0.8400	0.0200	0.7806	0.0531	0.0058	6	1.12	4%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	0.7900	0.0800	0.7806	0.0531	0.0058	6	0.18	1%	1
129.99	Leucine, Miscellaneous (%)	0227	0.7900	0.0000				2			0
129.99	Leucine, Miscellaneous (%)	0889	0.9100	0.0000				2			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.4650	0.0100	0.5028	0.0175	0.0089	19	-2.16	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.4700	0.0000	0.5028	0.0175	0.0089	19	-1.88	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.4815	0.0010	0.5028	0.0175	0.0089	19	-1.22	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.4875	0.0010	0.5028	0.0175	0.0089	19	-0.88	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.4900	0.0200	0.5028	0.0175	0.0089	19	-0.73	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.4935	0.0010	0.5028	0.0175	0.0089	19	-0.53	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.4969	0.0180	0.5028	0.0175	0.0089	19	-0.34	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.4980	0.0060	0.5028	0.0175	0.0089	19	-0.27	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	0.5005	0.0050	0.5028	0.0175	0.0089	19	-0.13	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.5050	0.0100	0.5028	0.0175	0.0089	19	0.13	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.5085	0.0050	0.5028	0.0175	0.0089	19	0.33	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.5124	0.0324	0.5028	0.0175	0.0089	19	0.55	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.5135	0.0290	0.5028	0.0175	0.0089	19	0.61	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0662	0.5140	0.0040	0.5028	0.0175	0.0089	19	0.64	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.5150	0.0100	0.5028	0.0175	0.0089	19	0.70	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.5165	0.0030	0.5028	0.0175	0.0089	19	0.78	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.5170	0.0000	0.5028	0.0175	0.0089	19	0.81	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.5250	0.0100	0.5028	0.0175	0.0089	19	1.27	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.5251	0.0030	0.5028	0.0175	0.0089	19	1.28	2%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.5430	0.0040				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	0.4035	0.0057	0.4848	0.0574	0.0055	6	-1.42	8%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.4435	0.0170	0.4848	0.0574	0.0055	6	-0.72	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.4996	0.0000	0.4848	0.0574	0.0055	6	0.26	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.5070	0.0000	0.4848	0.0574	0.0055	6	0.39	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	0.5200	0.0000	0.4848	0.0574	0.0055	6	0.61	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.5350	0.0100	0.4848	0.0574	0.0055	6	0.88	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.4750	0.0700	0.4848	0.0574	0.0055	6	-0.17	1%	1
130.99	L-Lysine, Miscellaneous (%)	0889	0.5200	0.0000				2			0
130.99	L-Lysine, Miscellaneous (%)	0227	0.5400	0.0200				2			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.1310	0.0000	0.1643	0.0106	0.0037	18	-3.14	10%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.1400	0.0000	0.1643	0.0106	0.0037	18	-2.29	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.1515	0.0010	0.1643	0.0106	0.0037	18	-1.21	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0662	0.1527	0.0037	0.1643	0.0106	0.0037	18	-1.10	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.1604	0.0020	0.1643	0.0106	0.0037	18	-0.37	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.1605	0.0010	0.1643	0.0106	0.0037	18	-0.36	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.1625	0.0050	0.1643	0.0106	0.0037	18	-0.17	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			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.1650	0.0100	0.1643	0.0106	0.0037	18	0.06	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.1650	0.0100	0.1643	0.0106	0.0037	18	0.06	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.1655	0.0070	0.1643	0.0106	0.0037	18	0.11	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.1655	0.0010	0.1643	0.0106	0.0037	18	0.11	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.1690	0.0040	0.1643	0.0106	0.0037	18	0.44	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.1700	0.0000	0.1643	0.0106	0.0037	18	0.54	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.1706	0.0041	0.1643	0.0106	0.0037	18	0.59	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.1730	0.0040	0.1643	0.0106	0.0037	18	0.82	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.1730	0.0000	0.1643	0.0106	0.0037	18	0.82	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.1765	0.0030	0.1643	0.0106	0.0037	18	1.15	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.1850	0.0100	0.1643	0.0106	0.0037	18	1.95	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.1500	0.0400	0.1643	0.0106	0.0037	18	-1.35	4%	1
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.1640	0.0040				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.0900	0.0400	0.1667	0.0540	0.0100	7	-1.42	23%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.1340	0.0160	0.1667	0.0540	0.0100	7	-0.60	10%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.1600	0.0000	0.1667	0.0540	0.0100	7	-0.12	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.1606	0.0039	0.1667	0.0540	0.0100	7	-0.11	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.1870	0.0000	0.1667	0.0540	0.0100	7	0.38	6%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.1950	0.0100	0.1667	0.0540	0.0100	7	0.52	9%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.2400	0.0000	0.1667	0.0540	0.0100	7	1.36	22%	0
131.99	Methionine, Miscellaneous (%)	0227	0.1700	0.0000				2			0
131.99	Methionine, Miscellaneous (%)	0889	0.1900	0.0000				2			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.4380	0.0000	0.4825	0.0281	0.0128	19	-1.58	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.4442	0.0033	0.4825	0.0281	0.0128	19	-1.36	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.4450	0.0100	0.4825	0.0281	0.0128	19	-1.33	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.4550	0.0100	0.4825	0.0281	0.0128	19	-0.98	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.4645	0.0050	0.4825	0.0281	0.0128	19	-0.64	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.4650	0.0500	0.4825	0.0281	0.0128	19	-0.62	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.4815	0.0090	0.4825	0.0281	0.0128	19	-0.04	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.4850	0.0100	0.4825	0.0281	0.0128	19	0.09	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.4855	0.0050	0.4825	0.0281	0.0128	19	0.11	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.4860	0.0000	0.4825	0.0281	0.0128	19	0.12	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0662	0.4873	0.0199	0.4825	0.0281	0.0128	19	0.17	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.4900	0.0200	0.4825	0.0281	0.0128	19	0.27	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.4920	0.0120	0.4825	0.0281	0.0128	19	0.34	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.4935	0.0030	0.4825	0.0281	0.0128	19	0.39	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.4965	0.0130	0.4825	0.0281	0.0128	19	0.50	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.4970	0.0040	0.4825	0.0281	0.0128	19	0.52	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.5099	0.0470	0.4825	0.0281	0.0128	19	0.97	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.5577	0.0015	0.4825	0.0281	0.0128	19	2.67	8%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.5600	0.0200	0.4825	0.0281	0.0128	19	2.75	8%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.4855	0.0050				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			
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.4155	0.0090	0.4939	0.0598	0.0157	7	-1.31	8%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.4750	0.0300	0.4939	0.0598	0.0157	7	-0.32	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.4759	0.0000	0.4939	0.0598	0.0157	7	-0.30	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.4760	0.0000	0.4939	0.0598	0.0157	7	-0.30	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	0.4900	0.0000	0.4939	0.0598	0.0157	7	-0.07	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	0.5549	0.0506	0.4939	0.0598	0.0157	7	1.02	6%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.5700	0.0200	0.4939	0.0598	0.0157	7	1.27	8%	0
132.99	Phenylalanine, Miscellaneous (%)	0227	0.4600	0.0000				2			0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.5050	0.0100				2			0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.5859	0.0049	0.7927	0.0590	0.0250	19	-3.51	13%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.6990	0.0080	0.7927	0.0590	0.0250	19	-1.59	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.7200	0.0400	0.7927	0.0590	0.0250	19	-1.23	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.7561	0.0223	0.7927	0.0590	0.0250	19	-0.62	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	0.7665	0.0490	0.7927	0.0590	0.0250	19	-0.45	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	0.7690	0.0320	0.7927	0.0590	0.0250	19	-0.40	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.7700	0.0600	0.7927	0.0590	0.0250	19	-0.39	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.7850	0.0100	0.7927	0.0590	0.0250	19	-0.13	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.7900	0.0200	0.7927	0.0590	0.0250	19	-0.05	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	0.7925	0.0030	0.7927	0.0590	0.0250	19	0.00	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	0.7950	0.0100	0.7927	0.0590	0.0250	19	0.04	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.8015	0.0010	0.7927	0.0590	0.0250	19	0.15	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	0.8100	0.0000	0.7927	0.0590	0.0250	19	0.29	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	0.8100	0.0000	0.7927	0.0590	0.0250	19	0.29	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.8285	0.0050	0.7927	0.0590	0.0250	19	0.61	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.8290	0.0080	0.7927	0.0590	0.0250	19	0.61	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	0.8719	0.0951	0.7927	0.0590	0.0250	19	1.34	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.8775	0.0670	0.7927	0.0590	0.0250	19	1.44	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0662	0.9584	0.0399	0.7927	0.0590	0.0250	19	2.81	10%	0
133.05	Proline, Pre-col AQC Der (%)	0407	0.7415	0.0030	0.8158	0.0564	0.0160	7	-1.32	5%	0
133.05	Proline, Pre-col AQC Der (%)	0148	0.7600	0.0600	0.8158	0.0564	0.0160	7	-0.99	3%	0
133.05	Proline, Pre-col AQC Der (%)	2319	0.8100	0.0000	0.8158	0.0564	0.0160	7	-0.10	0%	0
133.05	Proline, Pre-col AQC Der (%)	0676	0.8300	0.0200	0.8158	0.0564	0.0160	7	0.25	1%	0
133.05	Proline, Pre-col AQC Der (%)	2246	0.8402	0.0291	0.8158	0.0564	0.0160	7	0.43	1%	0
133.05	Proline, Pre-col AQC Der (%)	2196	0.8472	0.0000	0.8158	0.0564	0.0160	7	0.56	2%	0
133.05	Proline, Pre-col AQC Der (%)	2188	0.8820	0.0000	0.8158	0.0564	0.0160	7	1.17	4%	0
133.99	Proline, Miscellaneous (%)	0227	0.7600	0.0200				2			0
133.99	Proline, Miscellaneous (%)	0889	0.8650	0.0100				2			0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.5000	0.0000	0.5421	0.0190	0.0068	18	-2.22	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.5050	0.0100	0.5421	0.0190	0.0068	18	-1.96	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0662	0.5225	0.0057	0.5421	0.0190	0.0068	18	-1.03	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.5225	0.0010	0.5421	0.0190	0.0068	18	-1.03	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.5250	0.0000	0.5421	0.0190	0.0068	18	-0.90	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			
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.5405	0.0210	0.5421	0.0190	0.0068	18	-0.08	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.5410	0.0040	0.5421	0.0190	0.0068	18	-0.06	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.5440	0.0120	0.5421	0.0190	0.0068	18	0.10	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.5450	0.0100	0.5421	0.0190	0.0068	18	0.15	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.5460	0.0040	0.5421	0.0190	0.0068	18	0.21	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.5465	0.0030	0.5421	0.0190	0.0068	18	0.23	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.5470	0.0000	0.5421	0.0190	0.0068	18	0.26	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.5500	0.0000	0.5421	0.0190	0.0068	18	0.42	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.5500	0.0200	0.5421	0.0190	0.0068	18	0.42	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.5540	0.0040	0.5421	0.0190	0.0068	18	0.63	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.5550	0.0100	0.5421	0.0190	0.0068	18	0.68	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.5801	0.0154	0.5421	0.0190	0.0068	18	2.01	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.5989	0.0029	0.5421	0.0190	0.0068	18	3.00	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.6517	0.0494	0.5421	0.0190	0.0068	18	5.78	10%	1
134.02	Serine, Post-col OPA Der (%)	0098	0.4960	0.0040				1			0
134.05	Serine, Pre-col AQC Der (%)	0407	0.3480	0.0100	0.5580	0.0455	0.0079	7	-4.61	19%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.5250	0.0300	0.5580	0.0455	0.0079	7	-0.73	3%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.5578	0.0000	0.5580	0.0455	0.0079	7	-0.01	0%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.5650	0.0000	0.5580	0.0455	0.0079	7	0.15	1%	0
134.05	Serine, Pre-col AQC Der (%)	0676	0.5750	0.0100	0.5580	0.0455	0.0079	7	0.37	2%	0
134.05	Serine, Pre-col AQC Der (%)	2319	0.5800	0.0000	0.5580	0.0455	0.0079	7	0.48	2%	0
134.05	Serine, Pre-col AQC Der (%)	2246	0.6137	0.0053	0.5580	0.0455	0.0079	7	1.22	5%	0
134.99	Serine, Miscellaneous (%)	0889	0.4400	0.0000				2			0
134.99	Serine, Miscellaneous (%)	0227	0.5400	0.0000				2			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0662	0.3922	0.0106	0.4218	0.0158	0.0057	19	-1.88	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.3950	0.0100	0.4218	0.0158	0.0057	19	-1.70	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.4020	0.0020	0.4218	0.0158	0.0057	19	-1.25	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.4100	0.0000	0.4218	0.0158	0.0057	19	-0.75	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.4100	0.0000	0.4218	0.0158	0.0057	19	-0.75	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.4160	0.0060	0.4218	0.0158	0.0057	19	-0.37	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.4165	0.0030	0.4218	0.0158	0.0057	19	-0.33	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.4175	0.0030	0.4218	0.0158	0.0057	19	-0.27	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.4207	0.0077	0.4218	0.0158	0.0057	19	-0.07	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.4210	0.0040	0.4218	0.0158	0.0057	19	-0.05	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.4250	0.0000	0.4218	0.0158	0.0057	19	0.21	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.4300	0.0200	0.4218	0.0158	0.0057	19	0.52	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.4300	0.0000	0.4218	0.0158	0.0057	19	0.52	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.4305	0.0050	0.4218	0.0158	0.0057	19	0.56	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.4310	0.0060	0.4218	0.0158	0.0057	19	0.59	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.4350	0.0060	0.4218	0.0158	0.0057	19	0.84	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.4350	0.0100	0.4218	0.0158	0.0057	19	0.84	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.4416	0.0031	0.4218	0.0158	0.0057	19	1.26	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			
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.4558	0.0113	0.4218	0.0158	0.0057	19	2.16	4%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.4240	0.0200				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.2860	0.0020	0.4294	0.0173	0.0018	6	-8.27	17%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.4247	0.0000	0.4294	0.0173	0.0018	6	-0.27	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.4300	0.0000	0.4294	0.0173	0.0018	6	0.03	0%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	0.4300	0.0000	0.4294	0.0173	0.0018	6	0.03	0%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.4330	0.0000	0.4294	0.0173	0.0018	6	0.21	0%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	0.4633	0.0087	0.4294	0.0173	0.0018	6	1.95	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.4000	0.0400	0.4294	0.0173	0.0018	6	-1.70	3%	1
135.99	Threonine, Miscellaneous (%)	0889	0.4100	0.0000				2			0
135.99	Threonine, Miscellaneous (%)	0227	0.4200	0.0000				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.1250	0.0300	0.1640	0.0275	0.0114	7	-1.42	12%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.1460	0.0000	0.1640	0.0275	0.0114	7	-0.65	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.1600	0.0200	0.1640	0.0275	0.0114	7	-0.15	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.1665	0.0090	0.1640	0.0275	0.0114	7	0.09	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0662	0.1674	0.0073	0.1640	0.0275	0.0114	7	0.12	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.1832	0.0135	0.1640	0.0275	0.0114	7	0.70	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2000	0.0000	0.1640	0.0275	0.0114	7	1.31	11%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.1570	0.0040				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.1605	0.0010				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.1625	0.0030				3			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.1530	0.0040				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.1400	0.0000	0.1523	0.0079	0.0031	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.1495	0.0030	0.1523	0.0079	0.0031	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.1560	0.0020	0.1523	0.0079	0.0031	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.1561	0.0024	0.1523	0.0079	0.0031	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.1600	0.0080	0.1523	0.0079	0.0031	5			0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.1265	0.0214				2			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.1605	0.0010				2			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.3350	0.0100				1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.1891	0.0002	0.3144	0.0676	0.0095	13	-1.85	20%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.1990	0.0000	0.3144	0.0676	0.0095	13	-1.71	18%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.2600	0.0000	0.3144	0.0676	0.0095	13	-0.80	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0662	0.2813	0.0228	0.3144	0.0676	0.0095	13	-0.49	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.3070	0.0040	0.3144	0.0676	0.0095	13	-0.11	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.3141	0.0105	0.3144	0.0676	0.0095	13	-0.01	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.3300	0.0200	0.3144	0.0676	0.0095	13	0.23	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.3300	0.0200	0.3144	0.0676	0.0095	13	0.23	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.3350	0.0100	0.3144	0.0676	0.0095	13	0.30	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.3500	0.0060	0.3144	0.0676	0.0095	13	0.53	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.3685	0.0070	0.3144	0.0676	0.0095	13	0.80	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.3755	0.0030	0.3144	0.0676	0.0095	13	0.90	10%	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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137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.4100	0.0200	0.3144	0.0676	0.0095	13	1.41	15%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.3370	0.0020				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.3060	0.0060	0.3917	0.0842	0.0103	7	-1.02	11%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.3150	0.0100	0.3917	0.0842	0.0103	7	-0.91	10%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.3510	0.0000	0.3917	0.0842	0.0103	7	-0.48	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.4070	0.0000	0.3917	0.0842	0.0103	7	0.18	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.4150	0.0300	0.3917	0.0842	0.0103	7	0.28	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.4300	0.0000	0.3917	0.0842	0.0103	7	0.45	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.6652	0.0263	0.3917	0.0842	0.0103	7	3.25	35%	0
137.99	Tyrosine, Miscellaneous (%)	0227	0.3150	0.0100				2			0
137.99	Tyrosine, Miscellaneous (%)	0889	0.3350	0.0100				2			0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.4771	0.0162	0.5583	0.0329	0.0101	18	-2.47	7%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.5143	0.0201	0.5583	0.0329	0.0101	18	-1.34	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.5250	0.0300	0.5583	0.0329	0.0101	18	-1.01	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.5270	0.0000	0.5583	0.0329	0.0101	18	-0.95	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.5300	0.0000	0.5583	0.0329	0.0101	18	-0.86	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.5410	0.0000	0.5583	0.0329	0.0101	18	-0.53	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.5500	0.0000	0.5583	0.0329	0.0101	18	-0.25	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.5500	0.0400	0.5583	0.0329	0.0101	18	-0.25	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.5510	0.0000	0.5583	0.0329	0.0101	18	-0.22	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.5750	0.0120	0.5583	0.0329	0.0101	18	0.51	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.5775	0.0030	0.5583	0.0329	0.0101	18	0.58	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.5776	0.0034	0.5583	0.0329	0.0101	18	0.59	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.5785	0.0010	0.5583	0.0329	0.0101	18	0.61	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.5810	0.0000	0.5583	0.0329	0.0101	18	0.69	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.5815	0.0070	0.5583	0.0329	0.0101	18	0.71	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.5850	0.0100	0.5583	0.0329	0.0101	18	0.81	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.5895	0.0190	0.5583	0.0329	0.0101	18	0.95	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0662	0.6070	0.0201	0.5583	0.0329	0.0101	18	1.48	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.5700	0.0800	0.5583	0.0329	0.0101	18	0.36	1%	1
138.02	Valine, Post-col OPA Der (%)	0098	0.5925	0.0190				1			0
138.05	Valine, Pre-col AQC Der (%)	2319	0.4250	0.0300	0.5610	0.0472	0.0154	7	-2.88	12%	0
138.05	Valine, Pre-col AQC Der (%)	0407	0.5455	0.0050	0.5610	0.0472	0.0154	7	-0.33	1%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.5482	0.0000	0.5610	0.0472	0.0154	7	-0.27	1%	0
138.05	Valine, Pre-col AQC Der (%)	2188	0.5610	0.0000	0.5610	0.0472	0.0154	7	0.00	0%	0
138.05	Valine, Pre-col AQC Der (%)	2246	0.5669	0.0030	0.5610	0.0472	0.0154	7	0.13	1%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.5900	0.0600	0.5610	0.0472	0.0154	7	0.62	3%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.6250	0.0100	0.5610	0.0472	0.0154	7	1.36	6%	0
138.99	Valine, Miscellaneous (%)	0889	0.5100	0.0000				2			0
138.99	Valine, Miscellaneous (%)	0227	0.6000	0.0200				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0750	0.0000				1			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5

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139.05	Taurine, Pre-col AQC Der (%)	0407	0.0350	0.0100				1		0	
139.99	Taurine, Miscellaneous (%)	0889	0.0100	0.0000				1		0	
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					1		5	
160.10	Fructose, HPAEC PAD (%)	0297	0.1645	0.0010				1		0	
160.99	Fructose, Miscellaneous (%)	0619	0.1900	0.0120				3		0	
160.99	Fructose, Miscellaneous (%)	0148	0.2350	0.0300				3		0	
160.99	Fructose, Miscellaneous (%)	0227	0.2600	0.0400				3		0	
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0		4	
162.10	Glucose, HPAEC PAD (%)	0297	0.1480	0.0020				1		0	
162.99	Glucose, Miscellaneous (%)	0619	0.1510	0.0040				2		0	
162.99	Glucose, Miscellaneous (%)	0148	0.1850	0.0100				2		0	
162.99	Glucose, Miscellaneous (%)	0227	< 0.15					2		5	
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0		4	
163.99	Lactose, Miscellaneous (%)	0148	0.0900	0.0000				1		0	
163.99	Lactose, Miscellaneous (%)	0619	0.0000	0.0000				1		4	
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					1		5	
164.10	Maltose, HPAEC PAD (%)	0297	0.4855	0.0150				1		0	
164.99	Maltose, Miscellaneous (%)	0148	0.1150	0.0100				1		0	
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					1		5	
165.10	Sucrose, HPAEC PAD (%)	0297	1.486	0.1330				1		0	
165.99	Sucrose, Miscellaneous (%)	0227	1.455	0.0100				3		0	
165.99	Sucrose, Miscellaneous (%)	0148	1.875	0.0300				3		0	
165.99	Sucrose, Miscellaneous (%)	0619	2.000	0.0000				3		0	
166.10	Raffinose, HPAEC PAD (%)	0297	0.4890	0.0560				1		0	
166.99	Raffinose, Miscellaneous (%)	0619	0.1740	0.0020				2		0	
166.99	Raffinose, Miscellaneous (%)	0227	0.3950	0.0100				2		0	
167.10	Stachyose, HPAEC PAD (%)	0297	0.3935	0.0070				1		0	
167.99	Stachyose, Miscellaneous (%)	0227	0.1450	0.0300				2		0	
167.99	Stachyose, Miscellaneous (%)	0619	0.2800	0.0180				2		0	
345.02	Amprolium, LC (UV or FL) (ppm)	0218	3.243	0.0310				1		0	
345.04	Amprolium, LC-MS/MS (ppm)	2305	0.1174	0.0267				3		0	
345.04	Amprolium, LC-MS/MS (ppm)	2234	0.1310	0.0020				3		0	
345.04	Amprolium, LC-MS/MS (ppm)	2314	0.1525	0.0033				3		0	
345.04	Amprolium, LC-MS/MS (ppm)	0148	0.8100	0.1300				3		1	
345.04	Amprolium, LC-MS/MS (ppm)	0941	3.150	0.0000				3		2	
354.01	Decoquinatate, LC (UV or FL) (ppm)	0218	2.589	0.1490				2		0	
354.01	Decoquinatate, LC (UV or FL) (ppm)	0910	2.950	0.5000				2		0	
354.02	Decoquinatate, LC (ppm)	0036	2.600	0.2000				1		0	
354.04	Decoquinatate, LC-MS/MS (ppm)	0941	2.030	0.0000	2.171	0.1541	0.0675	4		0	
354.04	Decoquinatate, LC-MS/MS (ppm)	2113	2.050	0.1000	2.171	0.1541	0.0675	4		0	
354.04	Decoquinatate, LC-MS/MS (ppm)	0148	2.270	0.1400	2.171	0.1541	0.0675	4		0	
354.04	Decoquinatate, LC-MS/MS (ppm)	0610	2.335	0.0300	2.171	0.1541	0.0675	4		0	

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354.04	Decoquinat e, LC-MS/MS (ppm)	0875	5.450	0.5000	2.171	0.1541	0.0675	4			2
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0218	0.9225	0.0010	3.997	4.740	0.0778	4			0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0910	1.100	0.2000	3.997	4.740	0.0778	4			0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0014	3.000	0.0000	3.997	4.740	0.0778	4			0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0148	10.97	0.1100	3.997	4.740	0.0778	4			0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	2113	0.7450	0.1100	1.144	0.0782	0.0957	7	-5.10	17%	0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0941	1.080	0.0000	1.144	0.0782	0.0957	7	-0.82	3%	0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0619	1.145	0.1900	1.144	0.0782	0.0957	7	0.02	0%	0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	2055	1.150	0.1000	1.144	0.0782	0.0957	7	0.08	0%	0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0553	1.185	0.0100	1.144	0.0782	0.0957	7	0.53	2%	0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0875	1.200	0.2000	1.144	0.0782	0.0957	7	0.72	2%	0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0610	1.220	0.0600	1.144	0.0782	0.0957	7	0.97	3%	0
365.05	Monensin, LC-MS/MS (ppm)	2113	< 0.24					0			5
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.4285	0.0030	0.4571	0.0296	0.0060	9	-0.97	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.4295	0.0070	0.4571	0.0296	0.0060	9	-0.93	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.4440	0.0060	0.4571	0.0296	0.0060	9	-0.44	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.4445	0.0130	0.4571	0.0296	0.0060	9	-0.43	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4478	0.0005	0.4571	0.0296	0.0060	9	-0.32	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.4605	0.0010	0.4571	0.0296	0.0060	9	0.11	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.4629	0.0004	0.4571	0.0296	0.0060	9	0.20	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.4950	0.0221	0.4571	0.0296	0.0060	9	1.28	4%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.5314	0.0012	0.4571	0.0296	0.0060	9	2.51	8%	0
400.99	Water Activity, Miscellaneous (Units)	2073	0.4485	0.0010				1			0
516.00	Arsenic, Total, AA, Hydride (ppm)	0171	0.1500	0.0200				2			0
516.00	Arsenic, Total, AA, Hydride (ppm)	0045	0.1915	0.0510				2			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0021	< 5					0			5
516.43	Arsenic, Total, ICP, Microwave (ppm)	0682	< 10					0			5
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0186	0.1750	0.0100				2			0
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0910	0.1950	0.0100				2			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0553	0.1800	0.0080	0.1947	0.0147	0.0110	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0227	0.1845	0.0110	0.1947	0.0147	0.0110	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0407	0.2045	0.0051	0.1947	0.0147	0.0110	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0021	0.2100	0.0200	0.1947	0.0147	0.0110	4			0
518.31	Cadmium, AAS, Dry ash (ppm)	0689	< 0.2					0			5
518.41	Cadmium, ICP, Dry ash (ppm)	0171	0.0865	0.0010				2			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.1082	0.0002				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0970	0.0059				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0968	0.1170	0.0040				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					2			5
518.43	Cadmium, ICP, Microwave (ppm)	0021	< 2					2			5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.1050	0.0100				2			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0910	0.1300	0.0400				2			0

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518.53	Cadmium, ICP-MS, Microwave (ppm)	0021	0.1000	0.0000	0.1138	0.0103	0.0050	4		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.1140	0.0040	0.1138	0.0103	0.0050	4		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.1160	0.0060	0.1138	0.0103	0.0050	4		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0610	0.1250	0.0100	0.1138	0.0103	0.0050	4		0	
520.41	Chromium, ICP, Dry ash (ppm)	0171	5.350	0.1400				2		0	
520.41	Chromium, ICP, Dry ash (ppm)	0407	12.47	0.7729				2		0	
520.42	Chromium, ICP, Open vessel (ppm)	0045	17.45	0.7000				1		0	
520.43	Chromium, ICP, Microwave (ppm)	0407	18.05	0.7909				3		0	
520.43	Chromium, ICP, Microwave (ppm)	0510	18.30	0.0100				3		0	
520.43	Chromium, ICP, Microwave (ppm)	0682	19.23	0.0000				3		0	
520.43	Chromium, ICP, Microwave (ppm)	0021	< 22					3		5	
520.52	Chromium, ICP-MS, Open vessel (ppm)	0186	3.750	0.7000				1		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0164	15.80	0.2000				2		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0553	18.40	0.6000				2		0	
526.31	Lead, AAS, Dry ash (ppm)	0689	< 0.2					0		5	
526.41	Lead, ICP, Dry ash (ppm)	0171	0.0850	0.0060				2		0	
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1160	0.0272				2		0	
526.43	Lead, ICP, Microwave (ppm)	0407	0.3300	0.0055				1		0	
526.43	Lead, ICP, Microwave (ppm)	0682	< 3					1		5	
526.43	Lead, ICP, Microwave (ppm)	0021	< 6					1		5	
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.2000	0.0200				2		0	
526.52	Lead, ICP-MS, Open vessel (ppm)	0910	0.2350	0.0700				2		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0553	0.1610	0.0140				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.1830	0.0120				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0610	0.2350	0.0300				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0021	< 0.2					3		5	
529.99	Mercury, Miscellaneous (ppb)	0407	0.6211	0.3895				1		0	
529.99	Mercury, Miscellaneous (ppb)	0227	< 10					1		5	
529.99	Mercury, Miscellaneous (ppb)	0021	< 25					1		5	
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					1		5	
539.41	Nickel, ICP, Dry ash (ppm)	0171	6.230	0.1200				2		0	
539.41	Nickel, ICP, Dry ash (ppm)	0407	7.095	0.0434				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0407	8.245	0.1478				3		0	
539.43	Nickel, ICP, Microwave (ppm)	0021	10.00	0.0000				3		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	10.49	0.0000				3		0	
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	2.650	0.3000				1		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0553	10.28	1.640				2		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0021	11.50	1.000				2		0	
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0164	< 0.02					0		5	
704.00	Caproic Acid (6:0), Miscellaneous GC (%)	0164	< 0.02					0		5	
706.99	Caprylic acid (8:0), Miscellaneous (%) (w/w)	0164	< 0.02					0		5	
708.99	Capric acid (10:0), Miscellaneous (%) (w/w)	0164	< 0.02					0		5	

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710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005						0		5
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	< 0.02						0		5
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.0070	0.0000					1		0
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0164	< 0.02						1		5
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.5225	0.0150					2		0
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	0.6000	0.0200					2		0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0105	0.0030					1		0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	< 0.02						1		5
720.99	Margaric acid (17:0), Miscellaneous (% (w/w))	0164	< 0.02						0		5
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.0605	0.0030					2		0
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.0750	0.0100					2		0
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.4915	0.0090					2		0
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	0.5350	0.0100					2		0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	1.236	0.0040					2		0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	1.240	0.0000					2		0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0226	0.0890	0.0020					2		0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0164	0.0900	0.0000					2		0
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0090	0.0000					1		0
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	< 0.02						1		5
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0150	0.0020					2		0
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0164	0.0200	0.0000					2		0
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0164	< 0.02						0		5
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0226	0.0000	0.0000					0		4
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0164	< 0.02						0		5
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0095	0.0010					1		0
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02						1		5
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005						0		5
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0164	< 0.02						0		5
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0226	0.0000	0.0000					0		4
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0164	< 0.02						0		5
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0165	0.0070					2		0
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0164	0.0200	0.0000					2		0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	0226	0.0000	0.0000					0		4
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	0164	< 0.02						0		5
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005						0		5
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0164	< 0.02						0		5
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (% (w/w))	0164	0.1000	0.0000					1		0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (% (w/w))	0164	1.255	0.0100					1		0
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.7550	0.0300					1		0
764.99	Total cis Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.6200	0.0200					1		0
768.99	Total cis Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.360	0.0000					1		0
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	2.885	0.0500					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			
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	2.465	0.0500				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	2.745	0.0700				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.