



**AAFCO**  
Proficiency Testing Program



Cat Food, Dry

Animal Feed Scheme

# Labs Reporting: 212

Sample # 201627

Method Proficiency Testing Report

Issue Date : 08/31/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.20000	0.00000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0620	4.5071	0.12290	5.5049	0.55190	0.18561	8	-1.81	9%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	4.9900	0.08000	5.5049	0.55190	0.18561	8	-0.93	5%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0596	5.3750	0.29000	5.5049	0.55190	0.18561	8	-0.24	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	5.4100	0.34000	5.5049	0.55190	0.18561	8	-0.17	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	5.6750	0.59000	5.5049	0.55190	0.18561	8	0.31	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	5.9450	0.01000	5.5049	0.55190	0.18561	8	0.80	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	5.9620	0.00000	5.5049	0.55190	0.18561	8	0.83	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	6.0050	0.05200	5.5049	0.55190	0.18561	8	0.91	5%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2106	2.8350	1.4700	5.5049	0.55190	0.18561	8	-4.84	24%	1
001.03	Loss on Drying, Low temp. methods (%)	0868	5.7800	0.18000	5.9175	0.05008	0.04800	5	-2.75	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2124	5.8450	0.01000	5.9175	0.05008	0.04800	5	-1.45	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	5.9300	0.02000	5.9175	0.05008	0.04800	5	0.25	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	5.9350	0.01000	5.9175	0.05008	0.04800	5	0.35	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0937	5.9600	0.02000	5.9175	0.05008	0.04800	5	0.85	0%	0
001.05	Loss on Drying, LECO (%)	0610	5.5500	0.04000				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	4.0100	0.00000	5.8534	0.30549	0.08065	38	-6.03	16%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	5.1500	0.10000	5.8534	0.30549	0.08065	38	-2.30	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	5.2550	0.01000	5.8534	0.30549	0.08065	38	-1.96	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	5.3100	0.16000	5.8534	0.30549	0.08065	38	-1.78	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	5.4750	0.05000	5.8534	0.30549	0.08065	38	-1.24	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	5.4781	0.02960	5.8534	0.30549	0.08065	38	-1.23	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	5.5000	0.20000	5.8534	0.30549	0.08065	38	-1.16	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	5.5650	0.15000	5.8534	0.30549	0.08065	38	-0.94	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	5.5681	0.04710	5.8534	0.30549	0.08065	38	-0.93	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	5.6200	0.00000	5.8534	0.30549	0.08065	38	-0.76	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	5.6500	0.10000	5.8534	0.30549	0.08065	38	-0.67	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	5.7500	0.06200	5.8534	0.30549	0.08065	38	-0.34	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	5.7565	0.05300	5.8534	0.30549	0.08065	38	-0.32	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	5.8300	0.04000	5.8534	0.30549	0.08065	38	-0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	5.8350	0.05000	5.8534	0.30549	0.08065	38	-0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2115	5.8605	0.00300	5.8534	0.30549	0.08065	38	0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	5.8850	0.21000	5.8534	0.30549	0.08065	38	0.10	0%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	5.9250	0.11000	5.8534	0.30549	0.08065	38	0.23	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	5.9350	0.01000	5.8534	0.30549	0.08065	38	0.27	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	5.9400	0.02000	5.8534	0.30549	0.08065	38	0.28	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	5.9400	0.08000	5.8534	0.30549	0.08065	38	0.28	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	5.9450	0.07000	5.8534	0.30549	0.08065	38	0.30	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	5.9500	0.04000	5.8534	0.30549	0.08065	38	0.32	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	5.9650	0.19000	5.8534	0.30549	0.08065	38	0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	5.9700	0.02000	5.8534	0.30549	0.08065	38	0.38	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	5.9750	0.11000	5.8534	0.30549	0.08065	38	0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	5.9900	0.02000	5.8534	0.30549	0.08065	38	0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	5.9950	0.11000	5.8534	0.30549	0.08065	38	0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	6.0200	0.04000	5.8534	0.30549	0.08065	38	0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	6.0450	0.05000	5.8534	0.30549	0.08065	38	0.63	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	6.0500	0.10000	5.8534	0.30549	0.08065	38	0.64	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0592	6.0900	0.08000	5.8534	0.30549	0.08065	38	0.77	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	6.1000	0.10000	5.8534	0.30549	0.08065	38	0.81	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	6.1300	0.04000	5.8534	0.30549	0.08065	38	0.91	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	6.1750	0.19000	5.8534	0.30549	0.08065	38	1.05	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	6.3250	0.11000	5.8534	0.30549	0.08065	38	1.54	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	6.6500	0.30000	5.8534	0.30549	0.08065	38	2.61	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	7.2750	0.01000	5.8534	0.30549	0.08065	38	4.65	12%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	6.0300	0.50000	5.8534	0.30549	0.08065	38	0.58	2%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	1.6550	0.01000	5.8534	0.30549	0.08065	38	-13.74	36%	2
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	5.4300	0.12000				2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	5.7000	0.20000				2			0
001.99	Loss on Drying, Miscellaneous (%)	0618	4.4550	0.03000	5.7486	0.38603	0.06564	20	-3.35	11%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	4.8550	0.09000	5.7486	0.38603	0.06564	20	-2.31	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	5.3500	0.10000	5.7486	0.38603	0.06564	20	-1.03	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	5.3700	0.16000	5.7486	0.38603	0.06564	20	-0.98	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0914	5.4400	0.00000	5.7486	0.38603	0.06564	20	-0.80	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	5.4750	0.01000	5.7486	0.38603	0.06564	20	-0.71	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	5.5150	0.09000	5.7486	0.38603	0.06564	20	-0.61	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	5.6600	0.04000	5.7486	0.38603	0.06564	20	-0.23	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	5.7600	0.02000	5.7486	0.38603	0.06564	20	0.03	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	5.8100	0.18000	5.7486	0.38603	0.06564	20	0.16	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	5.8500	0.08000	5.7486	0.38603	0.06564	20	0.26	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	5.8550	0.03000	5.7486	0.38603	0.06564	20	0.28	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0644	5.9000	0.00000	5.7486	0.38603	0.06564	20	0.39	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	5.9500	0.02000	5.7486	0.38603	0.06564	20	0.52	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0904	5.9900	0.12000	5.7486	0.38603	0.06564	20	0.63	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	6.0100	0.02000	5.7486	0.38603	0.06564	20	0.68	2%	0

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001.99	Loss on Drying, Miscellaneous (%)	2134	6.0250	0.05000	5.7486	0.38603	0.06564	20	0.72	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	6.1060	0.16280	5.7486	0.38603	0.06564	20	0.93	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	6.2400	0.10000	5.7486	0.38603	0.06564	20	1.27	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	6.3450	0.01000	5.7486	0.38603	0.06564	20	1.54	5%	0
002.00	Protein, Crude (%)	2128	32.538	0.63700	33.357	0.65906	0.22963	8	-1.24	1%	0
002.00	Protein, Crude (%)	0028	32.620	0.12000	33.357	0.65906	0.22963	8	-1.12	1%	0
002.00	Protein, Crude (%)	0940	33.145	0.29000	33.357	0.65906	0.22963	8	-0.32	0%	0
002.00	Protein, Crude (%)	2109	33.280	0.06000	33.357	0.65906	0.22963	8	-0.12	0%	0
002.00	Protein, Crude (%)	0169	33.525	0.13000	33.357	0.65906	0.22963	8	0.25	0%	0
002.00	Protein, Crude (%)	0845	33.740	0.30000	33.357	0.65906	0.22963	8	0.58	1%	0
002.00	Protein, Crude (%)	0581	33.800	0.02000	33.357	0.65906	0.22963	8	0.67	1%	0
002.00	Protein, Crude (%)	0108	34.210	0.28000	33.357	0.65906	0.22963	8	1.29	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0889	32.420	0.10000	33.217	0.43962	0.09496	12	-1.81	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0968	32.722	0.40500	33.217	0.43962	0.09496	12	-1.13	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	2134	32.735	0.01300	33.217	0.43962	0.09496	12	-1.10	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0652	33.000	0.00000	33.217	0.43962	0.09496	12	-0.49	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0662	33.234	0.20250	33.217	0.43962	0.09496	12	0.04	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0062	33.258	0.13900	33.217	0.43962	0.09496	12	0.09	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0723	33.310	0.00000	33.217	0.43962	0.09496	12	0.21	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0164	33.375	0.01000	33.217	0.43962	0.09496	12	0.36	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0653	33.415	0.07000	33.217	0.43962	0.09496	12	0.45	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0043	33.600	0.00000	33.217	0.43962	0.09496	12	0.87	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0152	33.650	0.10000	33.217	0.43962	0.09496	12	0.98	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0610	33.750	0.10000	33.217	0.43962	0.09496	12	1.21	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0685	1,715.0	3,362.1	33.217	0.43962	0.09496	12	3825.49	2531%	2
002.02	Protein, Semiauto Autoanalyzer (%)	0066	33.065	0.05000				3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	33.267	0.21260				3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	33.850	0.14000				3			0
002.04	Protein, Copper Catalyst (%)	0405	29.485	0.17000	33.111	0.66670	0.14000	6	-5.44	5%	0
002.04	Protein, Copper Catalyst (%)	0187	32.760	0.10000	33.111	0.66670	0.14000	6	-0.53	1%	0
002.04	Protein, Copper Catalyst (%)	2058	33.170	0.14000	33.111	0.66670	0.14000	6	0.09	0%	0
002.04	Protein, Copper Catalyst (%)	2057	33.390	0.12000	33.111	0.66670	0.14000	6	0.42	0%	0
002.04	Protein, Copper Catalyst (%)	0638	33.545	0.19000	33.111	0.66670	0.14000	6	0.65	1%	0
002.04	Protein, Copper Catalyst (%)	2122	33.690	0.12000	33.111	0.66670	0.14000	6	0.87	1%	0
002.04	Protein, Copper Catalyst (%)	0874	32.745	1.1900	33.111	0.66670	0.14000	6	-0.55	1%	1
002.05	Protein, Copper, Boric Acid (%)	0623	32.704	0.25200	33.243	0.34569	0.17308	31	-1.56	1%	0
002.05	Protein, Copper, Boric Acid (%)	2006	32.780	0.12000	33.243	0.34569	0.17308	31	-1.34	1%	0
002.05	Protein, Copper, Boric Acid (%)	0651	32.790	0.42200	33.243	0.34569	0.17308	31	-1.31	1%	0
002.05	Protein, Copper, Boric Acid (%)	0674	32.830	0.00000	33.243	0.34569	0.17308	31	-1.19	1%	0
002.05	Protein, Copper, Boric Acid (%)	0683	32.880	0.10000	33.243	0.34569	0.17308	31	-1.05	1%	0
002.05	Protein, Copper, Boric Acid (%)	0943	32.910	0.40000	33.243	0.34569	0.17308	31	-0.96	1%	0

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002.05	Protein, Copper, Boric Acid (%)	0939	32.930	0.32000	33.243	0.34569	0.17308	31	-0.91	0%	0
002.05	Protein, Copper, Boric Acid (%)	0868	33.010	0.12000	33.243	0.34569	0.17308	31	-0.67	0%	0
002.05	Protein, Copper, Boric Acid (%)	2106	33.030	0.68000	33.243	0.34569	0.17308	31	-0.62	0%	0
002.05	Protein, Copper, Boric Acid (%)	2009	33.048	0.15450	33.243	0.34569	0.17308	31	-0.56	0%	0
002.05	Protein, Copper, Boric Acid (%)	0881	33.087	0.01800	33.243	0.34569	0.17308	31	-0.45	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	33.089	0.05390	33.243	0.34569	0.17308	31	-0.44	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	33.145	0.03000	33.243	0.34569	0.17308	31	-0.28	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	33.190	0.06000	33.243	0.34569	0.17308	31	-0.15	0%	0
002.05	Protein, Copper, Boric Acid (%)	2097	33.224	0.07310	33.243	0.34569	0.17308	31	-0.05	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	33.250	0.10000	33.243	0.34569	0.17308	31	0.02	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	33.285	0.01000	33.243	0.34569	0.17308	31	0.12	0%	0
002.05	Protein, Copper, Boric Acid (%)	0722	33.297	0.00670	33.243	0.34569	0.17308	31	0.16	0%	0
002.05	Protein, Copper, Boric Acid (%)	0620	33.349	0.16650	33.243	0.34569	0.17308	31	0.31	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	33.406	0.01100	33.243	0.34569	0.17308	31	0.47	0%	0
002.05	Protein, Copper, Boric Acid (%)	0622	33.440	0.08780	33.243	0.34569	0.17308	31	0.57	0%	0
002.05	Protein, Copper, Boric Acid (%)	0937	33.450	0.04000	33.243	0.34569	0.17308	31	0.60	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	33.455	0.23000	33.243	0.34569	0.17308	31	0.61	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	33.490	0.04000	33.243	0.34569	0.17308	31	0.71	0%	0
002.05	Protein, Copper, Boric Acid (%)	0689	33.500	0.40000	33.243	0.34569	0.17308	31	0.74	0%	0
002.05	Protein, Copper, Boric Acid (%)	0596	33.515	0.23000	33.243	0.34569	0.17308	31	0.79	0%	0
002.05	Protein, Copper, Boric Acid (%)	2115	33.555	0.17000	33.243	0.34569	0.17308	31	0.90	0%	0
002.05	Protein, Copper, Boric Acid (%)	0955	33.600	0.20000	33.243	0.34569	0.17308	31	1.03	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	33.750	0.08000	33.243	0.34569	0.17308	31	1.47	1%	0
002.05	Protein, Copper, Boric Acid (%)	2012	33.835	0.71000	33.243	0.34569	0.17308	31	1.71	1%	0
002.05	Protein, Copper, Boric Acid (%)	0552	34.100	0.08000	33.243	0.34569	0.17308	31	2.48	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	32.730	0.34000	33.640	0.35250	0.17685	129	-2.58	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	32.798	0.01800	33.640	0.35250	0.17685	129	-2.39	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	32.800	0.40000	33.640	0.35250	0.17685	129	-2.38	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	32.950	0.10000	33.640	0.35250	0.17685	129	-1.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	32.965	0.07000	33.640	0.35250	0.17685	129	-1.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	32.970	0.08000	33.640	0.35250	0.17685	129	-1.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	32.980	0.14000	33.640	0.35250	0.17685	129	-1.87	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	32.984	0.23500	33.640	0.35250	0.17685	129	-1.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	33.050	0.10000	33.640	0.35250	0.17685	129	-1.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	33.050	0.10000	33.640	0.35250	0.17685	129	-1.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	33.100	0.40000	33.640	0.35250	0.17685	129	-1.53	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	33.170	0.02000	33.640	0.35250	0.17685	129	-1.33	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2124	33.190	0.08000	33.640	0.35250	0.17685	129	-1.28	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0959	33.210	0.08000	33.640	0.35250	0.17685	129	-1.22	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	33.230	0.14000	33.640	0.35250	0.17685	129	-1.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	33.230	0.16000	33.640	0.35250	0.17685	129	-1.16	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			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	33.255	0.31000	33.640	0.35250	0.17685	129	-1.09	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	33.263	0.31500	33.640	0.35250	0.17685	129	-1.07	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	33.275	0.01000	33.640	0.35250	0.17685	129	-1.04	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	33.285	0.09000	33.640	0.35250	0.17685	129	-1.01	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	33.285	0.15000	33.640	0.35250	0.17685	129	-1.01	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	33.305	0.07000	33.640	0.35250	0.17685	129	-0.95	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	33.320	0.06000	33.640	0.35250	0.17685	129	-0.91	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0960	33.325	0.37000	33.640	0.35250	0.17685	129	-0.90	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	33.385	0.13000	33.640	0.35250	0.17685	129	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	33.386	0.01200	33.640	0.35250	0.17685	129	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0051	33.400	0.00000	33.640	0.35250	0.17685	129	-0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	33.400	0.00000	33.640	0.35250	0.17685	129	-0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	33.400	0.00000	33.640	0.35250	0.17685	129	-0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	33.411	0.07200	33.640	0.35250	0.17685	129	-0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	33.415	0.13000	33.640	0.35250	0.17685	129	-0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	33.415	0.13000	33.640	0.35250	0.17685	129	-0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	33.415	0.15000	33.640	0.35250	0.17685	129	-0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	33.450	0.10000	33.640	0.35250	0.17685	129	-0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2050	33.455	0.25000	33.640	0.35250	0.17685	129	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	33.470	0.02000	33.640	0.35250	0.17685	129	-0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	33.470	0.08000	33.640	0.35250	0.17685	129	-0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	33.475	0.03000	33.640	0.35250	0.17685	129	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2058	33.480	0.08000	33.640	0.35250	0.17685	129	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	33.490	0.02000	33.640	0.35250	0.17685	129	-0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	33.500	0.40000	33.640	0.35250	0.17685	129	-0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	33.500	0.60000	33.640	0.35250	0.17685	129	-0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	33.505	0.03000	33.640	0.35250	0.17685	129	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	33.510	0.06000	33.640	0.35250	0.17685	129	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	33.510	0.68000	33.640	0.35250	0.17685	129	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	33.526	0.37600	33.640	0.35250	0.17685	129	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	33.540	0.02000	33.640	0.35250	0.17685	129	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0596	33.540	0.14000	33.640	0.35250	0.17685	129	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	33.545	0.05000	33.640	0.35250	0.17685	129	-0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0675	33.545	0.05000	33.640	0.35250	0.17685	129	-0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	33.550	0.58000	33.640	0.35250	0.17685	129	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	33.550	0.10000	33.640	0.35250	0.17685	129	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	33.550	0.10000	33.640	0.35250	0.17685	129	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0904	33.560	0.20000	33.640	0.35250	0.17685	129	-0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	33.570	0.16000	33.640	0.35250	0.17685	129	-0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	33.575	0.23000	33.640	0.35250	0.17685	129	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0546	33.583	0.09600	33.640	0.35250	0.17685	129	-0.16	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	33.585	0.25000	33.640	0.35250	0.17685	129	-0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2023	33.590	0.06000	33.640	0.35250	0.17685	129	-0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	33.600	0.58000	33.640	0.35250	0.17685	129	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	33.600	0.00000	33.640	0.35250	0.17685	129	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	33.625	0.25000	33.640	0.35250	0.17685	129	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	33.635	0.01000	33.640	0.35250	0.17685	129	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	33.640	0.12000	33.640	0.35250	0.17685	129	0.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	33.645	0.17000	33.640	0.35250	0.17685	129	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	33.645	0.17000	33.640	0.35250	0.17685	129	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0017	33.650	0.10000	33.640	0.35250	0.17685	129	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	33.650	0.10000	33.640	0.35250	0.17685	129	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	33.665	0.03000	33.640	0.35250	0.17685	129	0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	33.675	0.09000	33.640	0.35250	0.17685	129	0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	33.675	0.13000	33.640	0.35250	0.17685	129	0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	33.675	0.35000	33.640	0.35250	0.17685	129	0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	33.688	0.00700	33.640	0.35250	0.17685	129	0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	33.700	0.04000	33.640	0.35250	0.17685	129	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	33.700	0.40000	33.640	0.35250	0.17685	129	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	33.700	0.00000	33.640	0.35250	0.17685	129	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	33.700	0.00000	33.640	0.35250	0.17685	129	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	33.710	0.58000	33.640	0.35250	0.17685	129	0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	33.710	0.20000	33.640	0.35250	0.17685	129	0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	33.715	0.25000	33.640	0.35250	0.17685	129	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	33.720	0.18000	33.640	0.35250	0.17685	129	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	33.725	0.08300	33.640	0.35250	0.17685	129	0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	33.730	0.10000	33.640	0.35250	0.17685	129	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2095	33.730	0.04000	33.640	0.35250	0.17685	129	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	33.735	0.37000	33.640	0.35250	0.17685	129	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	33.745	0.11000	33.640	0.35250	0.17685	129	0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	33.750	0.30000	33.640	0.35250	0.17685	129	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	33.750	0.30000	33.640	0.35250	0.17685	129	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	33.750	0.10000	33.640	0.35250	0.17685	129	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	33.755	0.03000	33.640	0.35250	0.17685	129	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	33.755	0.33000	33.640	0.35250	0.17685	129	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	33.775	0.21000	33.640	0.35250	0.17685	129	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	33.780	0.08000	33.640	0.35250	0.17685	129	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	33.800	0.00000	33.640	0.35250	0.17685	129	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	33.800	0.20000	33.640	0.35250	0.17685	129	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	33.805	0.01000	33.640	0.35250	0.17685	129	0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	33.833	0.34750	33.640	0.35250	0.17685	129	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	33.840	0.04000	33.640	0.35250	0.17685	129	0.57	0%	0

Sample # 201627

## Method Proficiency Testing Report

Issue Date : 08/31/2016

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, Combustion Nitrogen Analyzer (%)	0425	33.840	0.04000	33.640	0.35250	0.17685	129	0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2136	33.865	0.41000	33.640	0.35250	0.17685	129	0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	33.865	0.17000	33.640	0.35250	0.17685	129	0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	33.875	0.11000	33.640	0.35250	0.17685	129	0.67	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	33.900	0.08000	33.640	0.35250	0.17685	129	0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	33.900	0.20000	33.640	0.35250	0.17685	129	0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	33.914	0.05300	33.640	0.35250	0.17685	129	0.77	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	33.915	0.05000	33.640	0.35250	0.17685	129	0.78	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	33.920	0.28000	33.640	0.35250	0.17685	129	0.79	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	33.935	0.03000	33.640	0.35250	0.17685	129	0.84	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0581	33.950	0.10000	33.640	0.35250	0.17685	129	0.88	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0808	34.050	0.14000	33.640	0.35250	0.17685	129	1.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	34.050	0.34000	33.640	0.35250	0.17685	129	1.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	34.165	0.55000	33.640	0.35250	0.17685	129	1.49	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	34.190	0.64000	33.640	0.35250	0.17685	129	1.56	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	34.195	0.11000	33.640	0.35250	0.17685	129	1.57	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	34.216	0.12500	33.640	0.35250	0.17685	129	1.63	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	34.235	0.01000	33.640	0.35250	0.17685	129	1.69	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	34.282	0.35200	33.640	0.35250	0.17685	129	1.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	34.305	0.05000	33.640	0.35250	0.17685	129	1.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	34.305	0.53000	33.640	0.35250	0.17685	129	1.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	34.308	0.13600	33.640	0.35250	0.17685	129	1.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	34.320	0.26000	33.640	0.35250	0.17685	129	1.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	34.350	0.28000	33.640	0.35250	0.17685	129	2.01	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	34.391	0.45600	33.640	0.35250	0.17685	129	2.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	34.420	0.16000	33.640	0.35250	0.17685	129	2.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	34.475	0.17000	33.640	0.35250	0.17685	129	2.37	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	34.480	0.66000	33.640	0.35250	0.17685	129	2.38	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	34.595	0.29000	33.640	0.35250	0.17685	129	2.71	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	35.290	0.26000	33.640	0.35250	0.17685	129	4.68	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	35.420	0.14000	33.640	0.35250	0.17685	129	5.05	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	33.420	1.5000	33.640	0.35250	0.17685	129	-0.63	0%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	2016	34.080	1.0400	33.640	0.35250	0.17685	129	1.25	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	5.4050	0.01000	33.640	0.35250	0.17685	129	-80.10	42%	2
002.08	Protein, Cu/Ti (%)	0563	33.088	0.06440				3			0
002.08	Protein, Cu/Ti (%)	0208	33.200	0.00000				3			0
002.08	Protein, Cu/Ti (%)	0098	33.395	0.43000				3			0
002.10	Protein, Block dig/distillation (%)	0629	33.665	0.01000				1			0
002.11	Protein, NIR (%)	0889	27.085	0.17000	31.591	3.0528	0.14220	10	-1.48	7%	0
002.11	Protein, NIR (%)	2121	28.935	0.37000	31.591	3.0528	0.14220	10	-0.87	4%	0
002.11	Protein, NIR (%)	2120	29.515	0.15000	31.591	3.0528	0.14220	10	-0.68	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.11	Protein, NIR (%)	0297	30.165	0.15000	31.591	3.0528	0.14220	10	-0.47	2%	0
002.11	Protein, NIR (%)	0613	31.075	0.09000	31.591	3.0528	0.14220	10	-0.17	1%	0
002.11	Protein, NIR (%)	2128	32.398	0.03200	31.591	3.0528	0.14220	10	0.26	1%	0
002.11	Protein, NIR (%)	0720	32.710	0.22000	31.591	3.0528	0.14220	10	0.37	2%	0
002.11	Protein, NIR (%)	0852	34.210	0.08000	31.591	3.0528	0.14220	10	0.86	4%	0
002.11	Protein, NIR (%)	0011	34.430	0.00000	31.591	3.0528	0.14220	10	0.93	4%	0
002.11	Protein, NIR (%)	2050	35.390	0.16000	31.591	3.0528	0.14220	10	1.24	6%	0
002.99	Protein, Miscellaneous (%)	2105	30.100	0.00000	33.456	0.63779	0.16286	7	-5.26	5%	0
002.99	Protein, Miscellaneous (%)	0644	33.050	0.30000	33.456	0.63779	0.16286	7	-0.64	1%	0
002.99	Protein, Miscellaneous (%)	0643	33.380	0.24000	33.456	0.63779	0.16286	7	-0.12	0%	0
002.99	Protein, Miscellaneous (%)	2004	33.550	0.30000	33.456	0.63779	0.16286	7	0.15	0%	0
002.99	Protein, Miscellaneous (%)	0970	33.650	0.10000	33.456	0.63779	0.16286	7	0.30	0%	0
002.99	Protein, Miscellaneous (%)	0969	33.800	0.20000	33.456	0.63779	0.16286	7	0.54	1%	0
002.99	Protein, Miscellaneous (%)	0681	34.260	0.00000	33.456	0.63779	0.16286	7	1.26	1%	0
003.00	Fat, Eth Ext., Direct (%)	0108	12.210	0.30000	12.619	0.22991	0.10247	15	-1.78	2%	0
003.00	Fat, Eth Ext., Direct (%)	0026	12.315	0.01000	12.619	0.22991	0.10247	15	-1.32	1%	0
003.00	Fat, Eth Ext., Direct (%)	0939	12.385	0.07000	12.619	0.22991	0.10247	15	-1.02	1%	0
003.00	Fat, Eth Ext., Direct (%)	2115	12.500	0.04500	12.619	0.22991	0.10247	15	-0.52	0%	0
003.00	Fat, Eth Ext., Direct (%)	0884	12.500	0.00000	12.619	0.22991	0.10247	15	-0.52	0%	0
003.00	Fat, Eth Ext., Direct (%)	2109	12.595	0.03000	12.619	0.22991	0.10247	15	-0.10	0%	0
003.00	Fat, Eth Ext., Direct (%)	0345	12.600	0.20000	12.619	0.22991	0.10247	15	-0.08	0%	0
003.00	Fat, Eth Ext., Direct (%)	0309	12.608	0.05250	12.619	0.22991	0.10247	15	-0.05	0%	0
003.00	Fat, Eth Ext., Direct (%)	0615	12.660	0.06000	12.619	0.22991	0.10247	15	0.18	0%	0
003.00	Fat, Eth Ext., Direct (%)	2106	12.680	0.44000	12.619	0.22991	0.10247	15	0.27	0%	0
003.00	Fat, Eth Ext., Direct (%)	0885	12.701	0.14960	12.619	0.22991	0.10247	15	0.36	0%	0
003.00	Fat, Eth Ext., Direct (%)	0142	12.755	0.03000	12.619	0.22991	0.10247	15	0.59	1%	0
003.00	Fat, Eth Ext., Direct (%)	0354	12.840	0.02000	12.619	0.22991	0.10247	15	0.96	1%	0
003.00	Fat, Eth Ext., Direct (%)	0596	12.905	0.03000	12.619	0.22991	0.10247	15	1.25	1%	0
003.00	Fat, Eth Ext., Direct (%)	0017	15.650	0.10000	12.619	0.22991	0.10247	15	13.18	12%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0563	12.688	0.09220				2			0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	13.535	1.1300				2			0
003.06	Fat, Pet Ether (%)	0552	12.295	0.39000	12.584	0.21962	0.13738	19	-1.32	1%	0
003.06	Fat, Pet Ether (%)	0682	12.350	0.00000	12.584	0.21962	0.13738	19	-1.06	1%	0
003.06	Fat, Pet Ether (%)	0425	12.355	0.05000	12.584	0.21962	0.13738	19	-1.04	1%	0
003.06	Fat, Pet Ether (%)	0229	12.370	0.02000	12.584	0.21962	0.13738	19	-0.97	1%	0
003.06	Fat, Pet Ether (%)	0294	12.395	0.01000	12.584	0.21962	0.13738	19	-0.86	1%	0
003.06	Fat, Pet Ether (%)	0169	12.460	0.08000	12.584	0.21962	0.13738	19	-0.56	0%	0
003.06	Fat, Pet Ether (%)	0148	12.465	0.05000	12.584	0.21962	0.13738	19	-0.54	0%	0
003.06	Fat, Pet Ether (%)	0689	12.500	0.00000	12.584	0.21962	0.13738	19	-0.38	0%	0
003.06	Fat, Pet Ether (%)	0297	12.520	0.14000	12.584	0.21962	0.13738	19	-0.29	0%	0
003.06	Fat, Pet Ether (%)	0852	12.585	0.01000	12.584	0.21962	0.13738	19	0.01	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.06	Fat, Pet Ether (%)	0687	12.615	0.33000	12.584	0.21962	0.13738	19	0.14	0%	0
003.06	Fat, Pet Ether (%)	0849	12.636	0.02800	12.584	0.21962	0.13738	19	0.24	0%	0
003.06	Fat, Pet Ether (%)	0083	12.670	0.06000	12.584	0.21962	0.13738	19	0.39	0%	0
003.06	Fat, Pet Ether (%)	0563	12.688	0.09220	12.584	0.21962	0.13738	19	0.48	0%	0
003.06	Fat, Pet Ether (%)	0918	12.760	0.22000	12.584	0.21962	0.13738	19	0.80	1%	0
003.06	Fat, Pet Ether (%)	0164	12.775	0.07000	12.584	0.21962	0.13738	19	0.87	1%	0
003.06	Fat, Pet Ether (%)	0910	12.850	0.10000	12.584	0.21962	0.13738	19	1.21	1%	0
003.06	Fat, Pet Ether (%)	0511	12.890	0.38000	12.584	0.21962	0.13738	19	1.39	1%	0
003.06	Fat, Pet Ether (%)	0074	14.140	0.58000	12.584	0.21962	0.13738	19	7.09	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	12.250	0.06000	12.635	0.21963	0.07631	15	-1.75	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	12.470	0.10000	12.635	0.21963	0.07631	15	-0.75	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	12.485	0.01000	12.635	0.21963	0.07631	15	-0.68	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	12.520	0.08000	12.635	0.21963	0.07631	15	-0.52	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	12.520	0.26000	12.635	0.21963	0.07631	15	-0.52	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	12.525	0.05000	12.635	0.21963	0.07631	15	-0.50	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	12.560	0.00000	12.635	0.21963	0.07631	15	-0.34	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	12.580	0.00000	12.635	0.21963	0.07631	15	-0.25	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	12.630	0.14000	12.635	0.21963	0.07631	15	-0.02	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	12.655	0.01000	12.635	0.21963	0.07631	15	0.09	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0722	12.689	0.07460	12.635	0.21963	0.07631	15	0.25	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	12.715	0.01000	12.635	0.21963	0.07631	15	0.36	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	12.940	0.08000	12.635	0.21963	0.07631	15	1.39	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	13.000	0.00000	12.635	0.21963	0.07631	15	1.66	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	13.545	0.27000	12.635	0.21963	0.07631	15	4.14	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0051	12.050	0.10000	12.468	0.22535	0.19846	29	-1.86	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	12.116	0.55830	12.468	0.22535	0.19846	29	-1.57	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	12.200	0.40000	12.468	0.22535	0.19846	29	-1.19	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	12.240	0.02000	12.468	0.22535	0.19846	29	-1.01	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	12.240	0.14000	12.468	0.22535	0.19846	29	-1.01	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	12.250	0.30000	12.468	0.22535	0.19846	29	-0.97	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2124	12.270	0.00000	12.468	0.22535	0.19846	29	-0.88	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	12.307	0.10720	12.468	0.22535	0.19846	29	-0.71	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	12.350	0.50000	12.468	0.22535	0.19846	29	-0.52	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	12.395	0.17000	12.468	0.22535	0.19846	29	-0.33	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	12.410	0.04000	12.468	0.22535	0.19846	29	-0.26	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	12.410	0.10000	12.468	0.22535	0.19846	29	-0.26	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	12.450	0.10000	12.468	0.22535	0.19846	29	-0.08	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	12.475	0.11000	12.468	0.22535	0.19846	29	0.03	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0868	12.475	0.27000	12.468	0.22535	0.19846	29	0.03	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	12.475	0.03000	12.468	0.22535	0.19846	29	0.03	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	12.480	0.04000	12.468	0.22535	0.19846	29	0.05	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.10	Fat, Soxtec, Pet Ether (%)	0662	12.487	0.04630	12.468	0.22535	0.19846	29	0.08	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	12.520	0.06000	12.468	0.22535	0.19846	29	0.23	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	12.550	0.14000	12.468	0.22535	0.19846	29	0.36	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	12.595	0.05000	12.468	0.22535	0.19846	29	0.56	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	12.655	0.05000	12.468	0.22535	0.19846	29	0.83	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0881	12.655	0.16200	12.468	0.22535	0.19846	29	0.83	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	12.655	0.03260	12.468	0.22535	0.19846	29	0.83	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0651	12.677	0.49500	12.468	0.22535	0.19846	29	0.92	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	12.680	0.30000	12.468	0.22535	0.19846	29	0.94	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	12.850	1.2200	12.468	0.22535	0.19846	29	1.69	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	12.915	0.01000	12.468	0.22535	0.19846	29	1.98	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0623	13.097	0.20400	12.468	0.22535	0.19846	29	2.79	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0062	13.372	1.4330	12.468	0.22535	0.19846	29	4.01	4%	1
003.11	Fat, NIR (%)	2050	10.715	0.01000	13.971	2.0387	0.03920	10	-1.60	12%	0
003.11	Fat, NIR (%)	0889	12.170	0.02000	13.971	2.0387	0.03920	10	-0.88	6%	0
003.11	Fat, NIR (%)	0613	12.930	0.06000	13.971	2.0387	0.03920	10	-0.51	4%	0
003.11	Fat, NIR (%)	0297	13.795	0.07000	13.971	2.0387	0.03920	10	-0.09	1%	0
003.11	Fat, NIR (%)	0011	13.980	0.00000	13.971	2.0387	0.03920	10	0.00	0%	0
003.11	Fat, NIR (%)	0720	14.050	0.02000	13.971	2.0387	0.03920	10	0.04	0%	0
003.11	Fat, NIR (%)	2121	14.160	0.00000	13.971	2.0387	0.03920	10	0.09	1%	0
003.11	Fat, NIR (%)	2120	14.270	0.04000	13.971	2.0387	0.03920	10	0.15	1%	0
003.11	Fat, NIR (%)	2128	16.410	0.13200	13.971	2.0387	0.03920	10	1.20	9%	0
003.11	Fat, NIR (%)	0852	19.920	0.04000	13.971	2.0387	0.03920	10	2.92	21%	0
003.12	Fat, Hexane Ext (%)	0897	12.435	0.05000				3			0
003.12	Fat, Hexane Ext (%)	0171	12.575	0.09000				3			0
003.12	Fat, Hexane Ext (%)	0940	12.585	0.61000				3			0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	12.400	0.20000	12.544	0.11525	0.11714	7	-1.25	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	12.445	0.03000	12.544	0.11525	0.11714	7	-0.86	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	12.505	0.05000	12.544	0.11525	0.11714	7	-0.34	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0681	12.580	0.28000	12.544	0.11525	0.11714	7	0.31	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	12.585	0.07000	12.544	0.11525	0.11714	7	0.35	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	12.595	0.15000	12.544	0.11525	0.11714	7	0.44	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	12.700	0.04000	12.544	0.11525	0.11714	7	1.35	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0028	13.690	2.8800	12.544	0.11525	0.11714	7	9.94	5%	1
003.14	Fat, Ankom (%)	0968	12.077	0.02700	12.459	0.18426	0.16765	37	-2.07	2%	0
003.14	Fat, Ankom (%)	0598	12.175	0.67000	12.459	0.18426	0.16765	37	-1.54	1%	0
003.14	Fat, Ankom (%)	0413	12.200	0.60000	12.459	0.18426	0.16765	37	-1.40	1%	0
003.14	Fat, Ankom (%)	0574	12.225	0.11000	12.459	0.18426	0.16765	37	-1.27	1%	0
003.14	Fat, Ankom (%)	0843	12.255	0.39000	12.459	0.18426	0.16765	37	-1.11	1%	0
003.14	Fat, Ankom (%)	0956	12.300	0.60000	12.459	0.18426	0.16765	37	-0.86	1%	0
003.14	Fat, Ankom (%)	0034	12.305	0.11000	12.459	0.18426	0.16765	37	-0.83	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Ankom (%)	0683	12.325	0.09000	12.459	0.18426	0.16765	37	-0.73	1%	0
003.14	Fat, Ankom (%)	0581	12.335	0.19000	12.459	0.18426	0.16765	37	-0.67	0%	0
003.14	Fat, Ankom (%)	0848	12.340	0.34000	12.459	0.18426	0.16765	37	-0.64	0%	0
003.14	Fat, Ankom (%)	0692	12.350	0.10000	12.459	0.18426	0.16765	37	-0.59	0%	0
003.14	Fat, Ankom (%)	0529	12.360	0.00000	12.459	0.18426	0.16765	37	-0.54	0%	0
003.14	Fat, Ankom (%)	0144	12.375	0.15000	12.459	0.18426	0.16765	37	-0.45	0%	0
003.14	Fat, Ankom (%)	0049	12.390	0.26000	12.459	0.18426	0.16765	37	-0.37	0%	0
003.14	Fat, Ankom (%)	0955	12.400	0.20000	12.459	0.18426	0.16765	37	-0.32	0%	0
003.14	Fat, Ankom (%)	0229	12.405	0.07000	12.459	0.18426	0.16765	37	-0.29	0%	0
003.14	Fat, Ankom (%)	0037	12.435	0.01000	12.459	0.18426	0.16765	37	-0.13	0%	0
003.14	Fat, Ankom (%)	0202	12.440	0.04000	12.459	0.18426	0.16765	37	-0.10	0%	0
003.14	Fat, Ankom (%)	0278	12.450	0.10000	12.459	0.18426	0.16765	37	-0.05	0%	0
003.14	Fat, Ankom (%)	0357	12.450	0.10000	12.459	0.18426	0.16765	37	-0.05	0%	0
003.14	Fat, Ankom (%)	0358	12.460	0.24000	12.459	0.18426	0.16765	37	0.01	0%	0
003.14	Fat, Ankom (%)	0613	12.465	0.31000	12.459	0.18426	0.16765	37	0.03	0%	0
003.14	Fat, Ankom (%)	0876	12.505	0.41000	12.459	0.18426	0.16765	37	0.25	0%	0
003.14	Fat, Ankom (%)	0004	12.515	0.19000	12.459	0.18426	0.16765	37	0.31	0%	0
003.14	Fat, Ankom (%)	2129	12.530	0.18000	12.459	0.18426	0.16765	37	0.39	0%	0
003.14	Fat, Ankom (%)	0948	12.545	0.03000	12.459	0.18426	0.16765	37	0.47	0%	0
003.14	Fat, Ankom (%)	0726	12.555	0.01000	12.459	0.18426	0.16765	37	0.52	0%	0
003.14	Fat, Ankom (%)	0066	12.580	0.08000	12.459	0.18426	0.16765	37	0.66	0%	0
003.14	Fat, Ankom (%)	0190	12.595	0.09000	12.459	0.18426	0.16765	37	0.74	1%	0
003.14	Fat, Ankom (%)	0937	12.625	0.01000	12.459	0.18426	0.16765	37	0.90	1%	0
003.14	Fat, Ankom (%)	0619	12.650	0.10000	12.459	0.18426	0.16765	37	1.04	1%	0
003.14	Fat, Ankom (%)	0089	12.660	0.00000	12.459	0.18426	0.16765	37	1.09	1%	0
003.14	Fat, Ankom (%)	0563	12.688	0.09220	12.459	0.18426	0.16765	37	1.25	1%	0
003.14	Fat, Ankom (%)	0265	12.710	0.04000	12.459	0.18426	0.16765	37	1.36	1%	0
003.14	Fat, Ankom (%)	0407	12.712	0.02370	12.459	0.18426	0.16765	37	1.37	1%	0
003.14	Fat, Ankom (%)	2075	12.845	0.09000	12.459	0.18426	0.16765	37	2.10	2%	0
003.14	Fat, Ankom (%)	0019	13.915	0.15000	12.459	0.18426	0.16765	37	7.90	6%	0
003.14	Fat, Ankom (%)	2134	15.900	0.20000	12.459	0.18426	0.16765	37	18.68	14%	2
003.99	Fat, Miscellaneous (%)	0644	13.200	0.00000	14.592	1.2746	0.04400	5	-1.09	5%	0
003.99	Fat, Miscellaneous (%)	0546	13.665	0.07000	14.592	1.2746	0.04400	5	-0.73	3%	0
003.99	Fat, Miscellaneous (%)	0047	14.240	0.00000	14.592	1.2746	0.04400	5	-0.28	1%	0
003.99	Fat, Miscellaneous (%)	1019	15.855	0.15000	14.592	1.2746	0.04400	5	0.99	4%	0
003.99	Fat, Miscellaneous (%)	2122	16.000	0.00000	14.592	1.2746	0.04400	5	1.10	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2023	4.4150	0.07000	5.5807	0.62825	0.18598	20	-1.86	10%	0
004.00	Fiber, Crude, Asbestos Free (%)	0596	4.6800	0.16000	5.5807	0.62825	0.18598	20	-1.43	8%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	4.7450	0.05000	5.5807	0.62825	0.18598	20	-1.33	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	4.9000	0.00000	5.5807	0.62825	0.18598	20	-1.08	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	5.2800	0.24000	5.5807	0.62825	0.18598	20	-0.48	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			
004.00	Fiber, Crude, Asbestos Free (%)	0164	5.3000	0.00000	5.5807	0.62825	0.18598	20	-0.45	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0969	5.3950	0.01000	5.5807	0.62825	0.18598	20	-0.30	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	5.4618	0.08950	5.5807	0.62825	0.18598	20	-0.19	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0943	5.4650	0.03000	5.5807	0.62825	0.18598	20	-0.18	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	5.5750	0.21000	5.5807	0.62825	0.18598	20	-0.01	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0681	5.6100	0.38000	5.5807	0.62825	0.18598	20	0.05	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	5.7400	0.20000	5.5807	0.62825	0.18598	20	0.25	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	5.8400	0.24000	5.5807	0.62825	0.18598	20	0.41	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	5.8900	0.26000	5.5807	0.62825	0.18598	20	0.49	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	5.9000	0.20000	5.5807	0.62825	0.18598	20	0.51	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	5.9350	0.61000	5.5807	0.62825	0.18598	20	0.56	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	6.0350	0.07000	5.5807	0.62825	0.18598	20	0.72	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	6.2000	0.00000	5.5807	0.62825	0.18598	20	0.99	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	6.5000	0.60000	5.5807	0.62825	0.18598	20	1.46	8%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	10.450	0.30000	5.5807	0.62825	0.18598	20	7.75	44%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	8.6500	2.5000	5.5807	0.62825	0.18598	20	4.89	27%	1
004.01	Fiber, Sing Filt (%)	0045	5.7700	0.90000				2			0
004.01	Fiber, Sing Filt (%)	0366	5.9000	0.00000				2			0
004.03	Fiber, Fritted Glass (%)	2089	3.5800	0.38000	5.6122	1.3494	0.27438	5	-1.51	18%	0
004.03	Fiber, Fritted Glass (%)	0353	5.3400	0.14000	5.6122	1.3494	0.27438	5	-0.20	2%	0
004.03	Fiber, Fritted Glass (%)	2058	5.5000	0.14000	5.6122	1.3494	0.27438	5	-0.08	1%	0
004.03	Fiber, Fritted Glass (%)	0626	6.5500	0.36000	5.6122	1.3494	0.27438	5	0.69	8%	0
004.03	Fiber, Fritted Glass (%)	0693	7.0911	0.35190	5.6122	1.3494	0.27438	5	1.10	13%	0
004.06	Fiber, Fibertec (%)	0845	3.1750	0.29000	5.7436	0.41043	0.16568	23	-6.26	22%	0
004.06	Fiber, Fibertec (%)	0897	5.1250	0.01000	5.7436	0.41043	0.16568	23	-1.51	5%	0
004.06	Fiber, Fibertec (%)	0918	5.1700	0.46000	5.7436	0.41043	0.16568	23	-1.40	5%	0
004.06	Fiber, Fibertec (%)	2115	5.2900	0.06200	5.7436	0.41043	0.16568	23	-1.11	4%	0
004.06	Fiber, Fibertec (%)	0098	5.3650	0.29000	5.7436	0.41043	0.16568	23	-0.92	3%	0
004.06	Fiber, Fibertec (%)	0027	5.5500	0.02000	5.7436	0.41043	0.16568	23	-0.47	2%	0
004.06	Fiber, Fibertec (%)	0723	5.5581	0.00000	5.7436	0.41043	0.16568	23	-0.45	2%	0
004.06	Fiber, Fibertec (%)	0941	5.5750	0.21000	5.7436	0.41043	0.16568	23	-0.41	1%	0
004.06	Fiber, Fibertec (%)	0948	5.6350	0.17000	5.7436	0.41043	0.16568	23	-0.26	1%	0
004.06	Fiber, Fibertec (%)	0512	5.6945	0.20100	5.7436	0.41043	0.16568	23	-0.12	0%	0
004.06	Fiber, Fibertec (%)	0881	5.7205	0.21300	5.7436	0.41043	0.16568	23	-0.06	0%	0
004.06	Fiber, Fibertec (%)	2006	5.7300	0.00000	5.7436	0.41043	0.16568	23	-0.03	0%	0
004.06	Fiber, Fibertec (%)	0590	5.7350	0.29000	5.7436	0.41043	0.16568	23	-0.02	0%	0
004.06	Fiber, Fibertec (%)	0689	5.8500	0.30000	5.7436	0.41043	0.16568	23	0.26	1%	0
004.06	Fiber, Fibertec (%)	0205	5.9850	0.15000	5.7436	0.41043	0.16568	23	0.59	2%	0
004.06	Fiber, Fibertec (%)	0675	6.0100	0.30000	5.7436	0.41043	0.16568	23	0.65	2%	0
004.06	Fiber, Fibertec (%)	0968	6.0125	0.01300	5.7436	0.41043	0.16568	23	0.66	2%	0
004.06	Fiber, Fibertec (%)	0676	6.0300	0.28000	5.7436	0.41043	0.16568	23	0.70	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Fibertec (%)	0868	6.0700	0.18000	5.7436	0.41043	0.16568	23	0.80	3%	0
004.06	Fiber, Fibertec (%)	0885	6.1025	0.11160	5.7436	0.41043	0.16568	23	0.87	3%	0
004.06	Fiber, Fibertec (%)	0674	6.2000	0.00000	5.7436	0.41043	0.16568	23	1.11	4%	0
004.06	Fiber, Fibertec (%)	0720	6.2050	0.05000	5.7436	0.41043	0.16568	23	1.12	4%	0
004.06	Fiber, Fibertec (%)	0609	10.385	0.21000	5.7436	0.41043	0.16568	23	11.31	40%	0
004.07	Fiber, ANKOM (%)	0619	3.0550	0.15000	5.2977	1.1929	0.24239	56	-1.88	21%	0
004.07	Fiber, ANKOM (%)	0265	3.5450	0.23000	5.2977	1.1929	0.24239	56	-1.47	17%	0
004.07	Fiber, ANKOM (%)	0510	3.5500	0.10000	5.2977	1.1929	0.24239	56	-1.47	16%	0
004.07	Fiber, ANKOM (%)	0505	3.8550	0.05000	5.2977	1.1929	0.24239	56	-1.21	14%	0
004.07	Fiber, ANKOM (%)	0100	3.9900	0.00000	5.2977	1.1929	0.24239	56	-1.10	12%	0
004.07	Fiber, ANKOM (%)	0861	4.0600	0.42000	5.2977	1.1929	0.24239	56	-1.04	12%	0
004.07	Fiber, ANKOM (%)	0552	4.0900	0.06000	5.2977	1.1929	0.24239	56	-1.01	11%	0
004.07	Fiber, ANKOM (%)	2125	4.1950	0.11000	5.2977	1.1929	0.24239	56	-0.92	10%	0
004.07	Fiber, ANKOM (%)	0910	4.2500	0.10000	5.2977	1.1929	0.24239	56	-0.88	10%	0
004.07	Fiber, ANKOM (%)	2053	4.3000	0.14000	5.2977	1.1929	0.24239	56	-0.84	9%	0
004.07	Fiber, ANKOM (%)	0904	4.3450	0.05000	5.2977	1.1929	0.24239	56	-0.80	9%	0
004.07	Fiber, ANKOM (%)	0028	4.3500	0.30000	5.2977	1.1929	0.24239	56	-0.79	9%	0
004.07	Fiber, ANKOM (%)	0098	4.4850	0.75000	5.2977	1.1929	0.24239	56	-0.68	8%	0
004.07	Fiber, ANKOM (%)	0849	4.5380	0.04400	5.2977	1.1929	0.24239	56	-0.64	7%	0
004.07	Fiber, ANKOM (%)	0026	4.5900	0.12000	5.2977	1.1929	0.24239	56	-0.59	7%	0
004.07	Fiber, ANKOM (%)	0726	4.6300	0.08000	5.2977	1.1929	0.24239	56	-0.56	6%	0
004.07	Fiber, ANKOM (%)	0074	4.6850	0.61000	5.2977	1.1929	0.24239	56	-0.51	6%	0
004.07	Fiber, ANKOM (%)	0354	4.6950	0.07000	5.2977	1.1929	0.24239	56	-0.51	6%	0
004.07	Fiber, ANKOM (%)	0653	4.7200	0.02000	5.2977	1.1929	0.24239	56	-0.48	5%	0
004.07	Fiber, ANKOM (%)	0033	4.7500	0.10000	5.2977	1.1929	0.24239	56	-0.46	5%	0
004.07	Fiber, ANKOM (%)	0413	4.7500	0.10000	5.2977	1.1929	0.24239	56	-0.46	5%	0
004.07	Fiber, ANKOM (%)	2109	4.7550	0.19000	5.2977	1.1929	0.24239	56	-0.45	5%	0
004.07	Fiber, ANKOM (%)	0202	4.7950	0.15000	5.2977	1.1929	0.24239	56	-0.42	5%	0
004.07	Fiber, ANKOM (%)	0682	4.8000	0.00000	5.2977	1.1929	0.24239	56	-0.42	5%	0
004.07	Fiber, ANKOM (%)	0144	4.8250	0.03000	5.2977	1.1929	0.24239	56	-0.40	4%	0
004.07	Fiber, ANKOM (%)	0646	4.8500	0.10000	5.2977	1.1929	0.24239	56	-0.38	4%	0
004.07	Fiber, ANKOM (%)	0956	4.8500	0.30000	5.2977	1.1929	0.24239	56	-0.38	4%	0
004.07	Fiber, ANKOM (%)	0683	4.8750	0.07000	5.2977	1.1929	0.24239	56	-0.35	4%	0
004.07	Fiber, ANKOM (%)	2134	4.9000	0.96000	5.2977	1.1929	0.24239	56	-0.33	4%	0
004.07	Fiber, ANKOM (%)	0598	5.0350	0.15000	5.2977	1.1929	0.24239	56	-0.22	2%	0
004.07	Fiber, ANKOM (%)	0529	5.1200	0.12000	5.2977	1.1929	0.24239	56	-0.15	2%	0
004.07	Fiber, ANKOM (%)	0089	5.3300	0.00000	5.2977	1.1929	0.24239	56	0.03	0%	0
004.07	Fiber, ANKOM (%)	0948	5.5150	0.13000	5.2977	1.1929	0.24239	56	0.18	2%	0
004.07	Fiber, ANKOM (%)	0229	5.5500	0.10000	5.2977	1.1929	0.24239	56	0.21	2%	0
004.07	Fiber, ANKOM (%)	0563	5.5516	0.36060	5.2977	1.1929	0.24239	56	0.21	2%	0
004.07	Fiber, ANKOM (%)	0190	5.7500	0.10000	5.2977	1.1929	0.24239	56	0.38	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			
004.07	Fiber, ANKOM (%)	0300	5.8279	0.20720	5.2977	1.1929	0.24239	56	0.44	5%	0
004.07	Fiber, ANKOM (%)	0019	5.8450	0.05000	5.2977	1.1929	0.24239	56	0.46	5%	0
004.07	Fiber, ANKOM (%)	0581	6.1500	0.50000	5.2977	1.1929	0.24239	56	0.71	8%	0
004.07	Fiber, ANKOM (%)	0553	6.1600	0.28000	5.2977	1.1929	0.24239	56	0.72	8%	0
004.07	Fiber, ANKOM (%)	0939	6.1800	0.04000	5.2977	1.1929	0.24239	56	0.74	8%	0
004.07	Fiber, ANKOM (%)	0876	6.2000	0.40000	5.2977	1.1929	0.24239	56	0.76	9%	0
004.07	Fiber, ANKOM (%)	0407	6.2650	0.26230	5.2977	1.1929	0.24239	56	0.81	9%	0
004.07	Fiber, ANKOM (%)	0042	6.2800	0.76000	5.2977	1.1929	0.24239	56	0.82	9%	0
004.07	Fiber, ANKOM (%)	0955	6.3150	0.43000	5.2977	1.1929	0.24239	56	0.85	10%	0
004.07	Fiber, ANKOM (%)	0066	6.3250	0.29000	5.2977	1.1929	0.24239	56	0.86	10%	0
004.07	Fiber, ANKOM (%)	0643	6.3400	0.72000	5.2977	1.1929	0.24239	56	0.87	10%	0
004.07	Fiber, ANKOM (%)	0294	6.3500	0.10000	5.2977	1.1929	0.24239	56	0.88	10%	0
004.07	Fiber, ANKOM (%)	0083	6.4400	0.06000	5.2977	1.1929	0.24239	56	0.96	11%	0
004.07	Fiber, ANKOM (%)	2012	7.4200	0.00000	5.2977	1.1929	0.24239	56	1.78	20%	0
004.07	Fiber, ANKOM (%)	0034	7.6150	0.45000	5.2977	1.1929	0.24239	56	1.94	22%	0
004.07	Fiber, ANKOM (%)	0708	7.7400	0.18000	5.2977	1.1929	0.24239	56	2.05	23%	0
004.07	Fiber, ANKOM (%)	0613	7.8900	1.2600	5.2977	1.1929	0.24239	56	2.17	24%	0
004.07	Fiber, ANKOM (%)	0848	8.5550	0.39000	5.2977	1.1929	0.24239	56	2.73	31%	0
004.07	Fiber, ANKOM (%)	2124	8.9150	0.53000	5.2977	1.1929	0.24239	56	3.03	34%	0
004.07	Fiber, ANKOM (%)	0278	9.7500	0.30000	5.2977	1.1929	0.24239	56	3.73	42%	0
004.07	Fiber, ANKOM (%)	0003	4.2600	1.5400	5.2977	1.1929	0.24239	56	-0.87	10%	1
004.07	Fiber, ANKOM (%)	0692	6.4500	1.9000	5.2977	1.1929	0.24239	56	0.97	11%	1
004.07	Fiber, ANKOM (%)	0297	18.735	0.43000	5.2977	1.1929	0.24239	56	11.26	127%	2
004.11	Fiber, NIR (%)	0553	2.4800	0.02000	4.1893	1.3579	0.04627	7	-1.26	20%	0
004.11	Fiber, NIR (%)	2120	3.6600	0.10000	4.1893	1.3579	0.04627	7	-0.39	6%	0
004.11	Fiber, NIR (%)	0613	3.8300	0.02000	4.1893	1.3579	0.04627	7	-0.26	4%	0
004.11	Fiber, NIR (%)	2121	3.8300	0.06000	4.1893	1.3579	0.04627	7	-0.26	4%	0
004.11	Fiber, NIR (%)	0889	4.1150	0.01000	4.1893	1.3579	0.04627	7	-0.05	1%	0
004.11	Fiber, NIR (%)	2128	5.1839	0.01390	4.1893	1.3579	0.04627	7	0.73	12%	0
004.11	Fiber, NIR (%)	0720	6.5500	0.10000	4.1893	1.3579	0.04627	7	1.74	28%	0
004.11	Fiber, NIR (%)	2050	4.2300	1.1200	4.1893	1.3579	0.04627	7	0.03	0%	1
004.99	Fiber, Miscellaneous (%)	0644	4.7800	0.02000				3			0
004.99	Fiber, Miscellaneous (%)	0940	4.7850	0.69000				3			0
004.99	Fiber, Miscellaneous (%)	0629	5.3000	0.00000				3			0
005.00	Ash, 2h @ 600°C (%)	0960	9.5750	0.05000	9.8773	0.11530	0.06572	96	-2.62	2%	0
005.00	Ash, 2h @ 600°C (%)	0042	9.6050	0.11000	9.8773	0.11530	0.06572	96	-2.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0169	9.6100	0.02000	9.8773	0.11530	0.06572	96	-2.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	9.6200	0.02000	9.8773	0.11530	0.06572	96	-2.23	1%	0
005.00	Ash, 2h @ 600°C (%)	0539	9.6250	0.05000	9.8773	0.11530	0.06572	96	-2.19	1%	0
005.00	Ash, 2h @ 600°C (%)	0874	9.6550	0.27000	9.8773	0.11530	0.06572	96	-1.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0278	9.6550	0.05000	9.8773	0.11530	0.06572	96	-1.93	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0089	9.6750	0.01000	9.8773	0.11530	0.06572	96	-1.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	9.6855	0.02390	9.8773	0.11530	0.06572	96	-1.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0049	9.7050	0.41000	9.8773	0.11530	0.06572	96	-1.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0808	9.7100	0.08000	9.8773	0.11530	0.06572	96	-1.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0026	9.7350	0.01000	9.8773	0.11530	0.06572	96	-1.23	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	9.7500	0.10000	9.8773	0.11530	0.06572	96	-1.10	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	9.7677	0.04510	9.8773	0.11530	0.06572	96	-0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	9.7700	0.02000	9.8773	0.11530	0.06572	96	-0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	9.7700	0.34000	9.8773	0.11530	0.06572	96	-0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0957	9.7850	0.03000	9.8773	0.11530	0.06572	96	-0.80	0%	0
005.00	Ash, 2h @ 600°C (%)	0959	9.7850	0.03000	9.8773	0.11530	0.06572	96	-0.80	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	9.7875	0.12500	9.8773	0.11530	0.06572	96	-0.78	0%	0
005.00	Ash, 2h @ 600°C (%)	0623	9.7880	0.06000	9.8773	0.11530	0.06572	96	-0.77	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	9.7900	0.02000	9.8773	0.11530	0.06572	96	-0.76	0%	0
005.00	Ash, 2h @ 600°C (%)	0138	9.7945	0.01300	9.8773	0.11530	0.06572	96	-0.72	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	9.8000	0.00000	9.8773	0.11530	0.06572	96	-0.67	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	9.8088	0.02750	9.8773	0.11530	0.06572	96	-0.59	0%	0
005.00	Ash, 2h @ 600°C (%)	0650	9.8100	0.08000	9.8773	0.11530	0.06572	96	-0.58	0%	0
005.00	Ash, 2h @ 600°C (%)	2012	9.8100	0.06000	9.8773	0.11530	0.06572	96	-0.58	0%	0
005.00	Ash, 2h @ 600°C (%)	0175	9.8150	0.07000	9.8773	0.11530	0.06572	96	-0.54	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	9.8250	0.03000	9.8773	0.11530	0.06572	96	-0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	9.8250	0.11000	9.8773	0.11530	0.06572	96	-0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	0552	9.8250	0.01000	9.8773	0.11530	0.06572	96	-0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	0620	9.8290	0.07920	9.8773	0.11530	0.06572	96	-0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	0845	9.8350	0.11000	9.8773	0.11530	0.06572	96	-0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	2097	9.8392	0.06420	9.8773	0.11530	0.06572	96	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	2073	9.8400	0.04000	9.8773	0.11530	0.06572	96	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	9.8450	0.13000	9.8773	0.11530	0.06572	96	-0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0425	9.8450	0.07000	9.8773	0.11530	0.06572	96	-0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	9.8500	0.02000	9.8773	0.11530	0.06572	96	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	2106	9.8500	0.02000	9.8773	0.11530	0.06572	96	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0051	9.8500	0.10000	9.8773	0.11530	0.06572	96	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0152	9.8500	0.10000	9.8773	0.11530	0.06572	96	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	9.8500	0.10000	9.8773	0.11530	0.06572	96	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0205	9.8530	0.04000	9.8773	0.11530	0.06572	96	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	9.8600	0.02000	9.8773	0.11530	0.06572	96	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0187	9.8600	0.04000	9.8773	0.11530	0.06572	96	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	9.8600	0.02000	9.8773	0.11530	0.06572	96	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0723	9.8641	0.00000	9.8773	0.11530	0.06572	96	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	9.8650	0.05000	9.8773	0.11530	0.06572	96	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	9.8700	0.10000	9.8773	0.11530	0.06572	96	-0.06	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0646	9.8750	0.01000	9.8773	0.11530	0.06572	96	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	9.8900	0.02000	9.8773	0.11530	0.06572	96	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0943	9.8900	0.12000	9.8773	0.11530	0.06572	96	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	2115	9.8945	0.06100	9.8773	0.11530	0.06572	96	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	9.8995	0.07900	9.8773	0.11530	0.06572	96	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0681	9.9000	0.08000	9.8773	0.11530	0.06572	96	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	9.9000	0.00000	9.8773	0.11530	0.06572	96	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	9.9000	0.00000	9.8773	0.11530	0.06572	96	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	2053	9.9000	0.02000	9.8773	0.11530	0.06572	96	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	9.9050	0.07000	9.8773	0.11530	0.06572	96	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	2089	9.9050	0.01000	9.8773	0.11530	0.06572	96	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	2016	9.9100	0.02000	9.8773	0.11530	0.06572	96	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	9.9150	0.09000	9.8773	0.11530	0.06572	96	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	9.9150	0.05000	9.8773	0.11530	0.06572	96	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0511	9.9150	0.05000	9.8773	0.11530	0.06572	96	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0615	9.9150	0.01000	9.8773	0.11530	0.06572	96	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0881	9.9190	0.09400	9.8773	0.11530	0.06572	96	0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	9.9300	0.08000	9.8773	0.11530	0.06572	96	0.46	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	9.9300	0.12000	9.8773	0.11530	0.06572	96	0.46	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	9.9300	0.00000	9.8773	0.11530	0.06572	96	0.46	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	9.9350	0.01000	9.8773	0.11530	0.06572	96	0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	9.9350	0.01000	9.8773	0.11530	0.06572	96	0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	9.9350	0.03000	9.8773	0.11530	0.06572	96	0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	9.9400	0.38000	9.8773	0.11530	0.06572	96	0.54	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	9.9400	0.06000	9.8773	0.11530	0.06572	96	0.54	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	9.9450	0.01000	9.8773	0.11530	0.06572	96	0.59	0%	0
005.00	Ash, 2h @ 600°C (%)	0581	9.9450	0.15000	9.8773	0.11530	0.06572	96	0.59	0%	0
005.00	Ash, 2h @ 600°C (%)	0366	9.9500	0.10000	9.8773	0.11530	0.06572	96	0.63	0%	0
005.00	Ash, 2h @ 600°C (%)	0609	9.9650	0.01000	9.8773	0.11530	0.06572	96	0.76	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	9.9800	0.10000	9.8773	0.11530	0.06572	96	0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	9.9850	0.17000	9.8773	0.11530	0.06572	96	0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	9.9950	0.09000	9.8773	0.11530	0.06572	96	1.02	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	9.9950	0.01000	9.8773	0.11530	0.06572	96	1.02	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	10.005	0.01000	9.8773	0.11530	0.06572	96	1.11	1%	0
005.00	Ash, 2h @ 600°C (%)	0596	10.010	0.02000	9.8773	0.11530	0.06572	96	1.15	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	10.015	0.05000	9.8773	0.11530	0.06572	96	1.19	1%	0
005.00	Ash, 2h @ 600°C (%)	0345	10.015	0.17000	9.8773	0.11530	0.06572	96	1.19	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	10.020	0.08000	9.8773	0.11530	0.06572	96	1.24	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	10.032	0.10700	9.8773	0.11530	0.06572	96	1.34	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	10.035	0.01000	9.8773	0.11530	0.06572	96	1.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	10.045	0.05000	9.8773	0.11530	0.06572	96	1.45	1%	0



Sample # 201627

## Method Proficiency Testing Report

Issue Date : 08/31/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0297	10.050	0.10000	9.8773	0.11530	0.06572	96	1.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	10.080	0.06000	9.8773	0.11530	0.06572	96	1.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0226	10.100	0.00000	9.8773	0.11530	0.06572	96	1.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0357	10.100	0.00000	9.8773	0.11530	0.06572	96	1.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	10.105	0.07000	9.8773	0.11530	0.06572	96	1.97	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	10.115	0.03000	9.8773	0.11530	0.06572	96	2.06	1%	0
005.00	Ash, 2h @ 600°C (%)	0852	10.240	0.06000	9.8773	0.11530	0.06572	96	3.15	2%	0
005.00	Ash, 2h @ 600°C (%)	0880	9.4200	0.64000	9.8773	0.11530	0.06572	96	-3.97	2%	1
005.00	Ash, 2h @ 600°C (%)	0953	9.7350	0.45000	9.8773	0.11530	0.06572	96	-1.23	1%	1
005.00	Ash, 2h @ 600°C (%)	0062	10.269	0.47300	9.8773	0.11530	0.06572	96	3.39	2%	1
005.00	Ash, 2h @ 600°C (%)	1019	8.8371	0.08880	9.8773	0.11530	0.06572	96	-9.02	5%	2
005.05	Ash, 3h @ 550°C (%)	2050	9.7450	0.27000	9.9259	0.09361	0.07467	25	-1.93	1%	0
005.05	Ash, 3h @ 550°C (%)	2134	9.7550	0.03000	9.9259	0.09361	0.07467	25	-1.83	1%	0
005.05	Ash, 3h @ 550°C (%)	0845	9.8350	0.11000	9.9259	0.09361	0.07467	25	-0.97	0%	0
005.05	Ash, 3h @ 550°C (%)	0940	9.8500	0.16000	9.9259	0.09361	0.07467	25	-0.81	0%	0
005.05	Ash, 3h @ 550°C (%)	0066	9.8550	0.05000	9.9259	0.09361	0.07467	25	-0.76	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	9.8600	0.06000	9.9259	0.09361	0.07467	25	-0.70	0%	0
005.05	Ash, 3h @ 550°C (%)	0904	9.8600	0.12000	9.9259	0.09361	0.07467	25	-0.70	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	9.8690	0.01800	9.9259	0.09361	0.07467	25	-0.61	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	9.8900	0.06000	9.9259	0.09361	0.07467	25	-0.38	0%	0
005.05	Ash, 3h @ 550°C (%)	0868	9.8950	0.05000	9.9259	0.09361	0.07467	25	-0.33	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	9.9000	0.00000	9.9259	0.09361	0.07467	25	-0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	9.9000	0.04000	9.9259	0.09361	0.07467	25	-0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	0937	9.9100	0.00000	9.9259	0.09361	0.07467	25	-0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	9.9300	0.04000	9.9259	0.09361	0.07467	25	0.04	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	9.9400	0.06000	9.9259	0.09361	0.07467	25	0.15	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	9.9500	0.10000	9.9259	0.09361	0.07467	25	0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	9.9500	0.04000	9.9259	0.09361	0.07467	25	0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	2124	9.9500	0.00000	9.9259	0.09361	0.07467	25	0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	0897	9.9800	0.02000	9.9259	0.09361	0.07467	25	0.58	0%	0
005.05	Ash, 3h @ 550°C (%)	0685	10.000	0.00000	9.9259	0.09361	0.07467	25	0.79	0%	0
005.05	Ash, 3h @ 550°C (%)	2058	10.025	0.09000	9.9259	0.09361	0.07467	25	1.06	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	10.046	0.08870	9.9259	0.09361	0.07467	25	1.28	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	10.050	0.24000	9.9259	0.09361	0.07467	25	1.33	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	10.100	0.02000	9.9259	0.09361	0.07467	25	1.86	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	10.170	0.20000	9.9259	0.09361	0.07467	25	2.61	1%	0
005.05	Ash, 3h @ 550°C (%)	0692	10.200	0.80000	9.9259	0.09361	0.07467	25	2.93	1%	1
005.11	Ash, NIR (%)	0720	6.3100	0.04000	9.3820	1.8481	0.19280	8	-1.66	16%	0
005.11	Ash, NIR (%)	0297	7.2450	0.01000	9.3820	1.8481	0.19280	8	-1.16	11%	0
005.11	Ash, NIR (%)	2120	9.0200	0.22000	9.3820	1.8481	0.19280	8	-0.20	2%	0
005.11	Ash, NIR (%)	2128	9.7712	0.41240	9.3820	1.8481	0.19280	8	0.21	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.11	Ash, NIR (%)	0613	10.470	0.02000	9.3820	1.8481	0.19280	8	0.59	6%	0
005.11	Ash, NIR (%)	2121	10.510	0.82000	9.3820	1.8481	0.19280	8	0.61	6%	0
005.11	Ash, NIR (%)	0889	10.560	0.02000	9.3820	1.8481	0.19280	8	0.64	6%	0
005.11	Ash, NIR (%)	2050	10.870	0.00000	9.3820	1.8481	0.19280	8	0.81	8%	0
005.99	Ash, Miscellaneous (%)	0574	9.6900	0.00000	9.9875	0.15829	0.05252	13	-1.88	1%	0
005.99	Ash, Miscellaneous (%)	0202	9.7250	0.03000	9.9875	0.15829	0.05252	13	-1.66	1%	0
005.99	Ash, Miscellaneous (%)	0546	9.8650	0.05000	9.9875	0.15829	0.05252	13	-0.77	1%	0
005.99	Ash, Miscellaneous (%)	0662	9.9325	0.05270	9.9875	0.15829	0.05252	13	-0.35	0%	0
005.99	Ash, Miscellaneous (%)	0644	9.9700	0.02000	9.9875	0.15829	0.05252	13	-0.11	0%	0
005.99	Ash, Miscellaneous (%)	2004	9.9800	0.04000	9.9875	0.15829	0.05252	13	-0.05	0%	0
005.99	Ash, Miscellaneous (%)	0613	10.000	0.06000	9.9875	0.15829	0.05252	13	0.08	0%	0
005.99	Ash, Miscellaneous (%)	0629	10.025	0.01000	9.9875	0.15829	0.05252	13	0.24	0%	0
005.99	Ash, Miscellaneous (%)	0652	10.050	0.10000	9.9875	0.15829	0.05252	13	0.39	0%	0
005.99	Ash, Miscellaneous (%)	0969	10.050	0.10000	9.9875	0.15829	0.05252	13	0.39	0%	0
005.99	Ash, Miscellaneous (%)	0676	10.090	0.02000	9.9875	0.15829	0.05252	13	0.65	1%	0
005.99	Ash, Miscellaneous (%)	0884	10.150	0.10000	9.9875	0.15829	0.05252	13	1.03	1%	0
005.99	Ash, Miscellaneous (%)	2023	10.310	0.10000	9.9875	0.15829	0.05252	13	2.04	2%	0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	0.19000	0.06000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	0.70000	0.00000				2			0
006.05	Total sugars, TSI, Lane-Eunon (12th) (%)	0045	1.5800	0.12000				1			0
006.99	Total sugars, Miscellaneous (%)	0969	0.50000	0.00000	0.56063	0.10403	0.08540	5	-0.58	5%	0
006.99	Total sugars, Miscellaneous (%)	0970	0.50000	0.00000	0.56063	0.10403	0.08540	5	-0.58	5%	0
006.99	Total sugars, Miscellaneous (%)	2114	0.52700	0.00600	0.56063	0.10403	0.08540	5	-0.32	3%	0
006.99	Total sugars, Miscellaneous (%)	2004	0.71550	0.02100	0.56063	0.10403	0.08540	5	1.49	14%	0
006.99	Total sugars, Miscellaneous (%)	0956	1.2000	0.40000	0.56063	0.10403	0.08540	5	6.15	57%	0
006.99	Total sugars, Miscellaneous (%)	0720	0.00000	0.00000	0.56063	0.10403	0.08540	5			4
006.99	Total sugars, Miscellaneous (%)	2066	0.00000	0.00000	0.56063	0.10403	0.08540	5			4
008.02	Fiber, Acid Detergent (%)	0676	4.7800	0.50000	8.0025	1.2344	0.35219	14	-2.61	20%	0
008.02	Fiber, Acid Detergent (%)	0948	6.6600	0.04000	8.0025	1.2344	0.35219	14	-1.09	8%	0
008.02	Fiber, Acid Detergent (%)	0208	7.1400	0.06000	8.0025	1.2344	0.35219	14	-0.70	5%	0
008.02	Fiber, Acid Detergent (%)	2115	7.3950	0.47000	8.0025	1.2344	0.35219	14	-0.49	4%	0
008.02	Fiber, Acid Detergent (%)	0309	7.5247	0.37060	8.0025	1.2344	0.35219	14	-0.39	3%	0
008.02	Fiber, Acid Detergent (%)	0939	7.5850	0.73000	8.0025	1.2344	0.35219	14	-0.34	3%	0
008.02	Fiber, Acid Detergent (%)	0353	7.6650	0.15000	8.0025	1.2344	0.35219	14	-0.27	2%	0
008.02	Fiber, Acid Detergent (%)	0098	8.0650	0.65000	8.0025	1.2344	0.35219	14	0.05	0%	0
008.02	Fiber, Acid Detergent (%)	0226	8.1000	0.40000	8.0025	1.2344	0.35219	14	0.08	1%	0
008.02	Fiber, Acid Detergent (%)	0148	8.1450	0.07000	8.0025	1.2344	0.35219	14	0.12	1%	0
008.02	Fiber, Acid Detergent (%)	2129	8.7350	0.41000	8.0025	1.2344	0.35219	14	0.59	5%	0
008.02	Fiber, Acid Detergent (%)	0675	9.4150	0.45000	8.0025	1.2344	0.35219	14	1.14	9%	0
008.02	Fiber, Acid Detergent (%)	0345	9.6000	0.02000	8.0025	1.2344	0.35219	14	1.29	10%	0
008.02	Fiber, Acid Detergent (%)	0609	10.855	0.61000	8.0025	1.2344	0.35219	14	2.31	18%	0

Sample # 201627

## Method Proficiency Testing Report

Issue Date : 08/31/2016

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			
008.02	Fiber, Acid Detergent (%)	0504	7.9750	3.3100	8.0025	1.2344	0.35219	14	-0.02	0%	1
008.05	Fiber, Acid Detergent-Hach (%)	0265	8.4500	0.10000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	4.3800	1.5000	7.5916	1.9729	0.45464	41	-1.63	21%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	4.4650	0.29000	7.5916	1.9729	0.45464	41	-1.58	21%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	5.1600	0.68000	7.5916	1.9729	0.45464	41	-1.23	16%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	5.2000	0.00000	7.5916	1.9729	0.45464	41	-1.21	16%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	5.4050	0.73000	7.5916	1.9729	0.45464	41	-1.11	14%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	5.4200	0.44000	7.5916	1.9729	0.45464	41	-1.10	14%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0033	5.7950	0.37000	7.5916	1.9729	0.45464	41	-0.91	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	5.8600	0.10000	7.5916	1.9729	0.45464	41	-0.88	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0529	5.8950	1.5300	7.5916	1.9729	0.45464	41	-0.86	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	6.1500	0.30000	7.5916	1.9729	0.45464	41	-0.73	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0904	6.4800	0.14000	7.5916	1.9729	0.45464	41	-0.56	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	6.6000	0.40000	7.5916	1.9729	0.45464	41	-0.50	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0937	6.6200	0.12000	7.5916	1.9729	0.45464	41	-0.49	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	6.7350	0.07000	7.5916	1.9729	0.45464	41	-0.43	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0646	6.7650	0.15000	7.5916	1.9729	0.45464	41	-0.42	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	6.8200	0.06000	7.5916	1.9729	0.45464	41	-0.39	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	6.8350	0.67000	7.5916	1.9729	0.45464	41	-0.38	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	6.8367	1.0204	7.5916	1.9729	0.45464	41	-0.38	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0366	6.9500	0.70000	7.5916	1.9729	0.45464	41	-0.33	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0592	7.1750	0.25000	7.5916	1.9729	0.45464	41	-0.21	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	7.5550	1.1100	7.5916	1.9729	0.45464	41	-0.02	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	7.6250	0.49000	7.5916	1.9729	0.45464	41	0.02	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	7.6400	0.08000	7.5916	1.9729	0.45464	41	0.02	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	7.9000	0.54000	7.5916	1.9729	0.45464	41	0.16	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	7.9550	0.19000	7.5916	1.9729	0.45464	41	0.18	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	8.0050	0.85000	7.5916	1.9729	0.45464	41	0.21	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	8.1252	0.89960	7.5916	1.9729	0.45464	41	0.27	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	8.5150	0.83000	7.5916	1.9729	0.45464	41	0.47	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	8.8000	0.20000	7.5916	1.9729	0.45464	41	0.61	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0026	8.8200	0.36000	7.5916	1.9729	0.45464	41	0.62	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	8.9950	0.63000	7.5916	1.9729	0.45464	41	0.71	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	9.2163	0.10020	7.5916	1.9729	0.45464	41	0.82	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	9.2500	0.50000	7.5916	1.9729	0.45464	41	0.84	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	9.3100	0.12000	7.5916	1.9729	0.45464	41	0.87	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	9.5600	0.84000	7.5916	1.9729	0.45464	41	1.00	13%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	9.9150	0.03000	7.5916	1.9729	0.45464	41	1.18	15%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0596	10.000	0.20000	7.5916	1.9729	0.45464	41	1.22	16%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	10.450	0.30000	7.5916	1.9729	0.45464	41	1.45	19%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2134	11.400	0.40000	7.5916	1.9729	0.45464	41	1.93	25%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, ANKOM (%)	0848	11.525	0.15000	7.5916	1.9729	0.45464	41	1.99	26%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	12.050	0.30000	7.5916	1.9729	0.45464	41	2.26	29%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0613	7.1350	2.8300	7.5967	0.08963	0.75000	5	-5.15	3%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0723	7.5400	0.00000	7.5967	0.08963	0.75000	5	-0.63	0%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0884	7.5500	0.90000	7.5967	0.08963	0.75000	5	-0.52	0%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	7.7000	0.00000	7.5967	0.08963	0.75000	5	1.15	1%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0720	11.530	0.02000	7.5967	0.08963	0.75000	5	43.88	26%	0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	20.210	3.1400				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	12.450	0.10000	16.285	2.9040	0.45769	7	-1.32	12%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	14.135	0.77000	16.285	2.9040	0.45769	7	-0.74	7%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	14.500	0.20000	16.285	2.9040	0.45769	7	-0.61	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	17.110	0.78000	16.285	2.9040	0.45769	7	0.28	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0676	18.405	0.17000	16.285	2.9040	0.45769	7	0.73	7%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	18.648	0.58380	16.285	2.9040	0.45769	7	0.81	7%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	18.750	0.60000	16.285	2.9040	0.45769	7	0.85	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	12.355	0.51000	18.340	4.2949	0.54587	31	-1.39	16%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	13.135	0.47000	18.340	4.2949	0.54587	31	-1.21	14%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	13.500	0.80000	18.340	4.2949	0.54587	31	-1.13	13%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	13.655	0.45000	18.340	4.2949	0.54587	31	-1.09	13%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	14.500	0.00000	18.340	4.2949	0.54587	31	-0.89	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	14.500	0.00000	18.340	4.2949	0.54587	31	-0.89	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	14.530	0.24000	18.340	4.2949	0.54587	31	-0.89	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	15.660	0.24000	18.340	4.2949	0.54587	31	-0.62	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	15.790	0.14000	18.340	4.2949	0.54587	31	-0.59	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	15.800	0.40000	18.340	4.2949	0.54587	31	-0.59	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	15.995	0.15000	18.340	4.2949	0.54587	31	-0.55	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	16.015	0.03000	18.340	4.2949	0.54587	31	-0.54	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	16.608	0.09040	18.340	4.2949	0.54587	31	-0.40	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	16.830	1.2200	18.340	4.2949	0.54587	31	-0.35	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0592	17.630	0.32000	18.340	4.2949	0.54587	31	-0.17	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	18.200	0.28000	18.340	4.2949	0.54587	31	-0.03	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	18.370	0.52000	18.340	4.2949	0.54587	31	0.01	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	18.450	0.70000	18.340	4.2949	0.54587	31	0.03	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0646	19.135	0.35000	18.340	4.2949	0.54587	31	0.19	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	19.350	0.50000	18.340	4.2949	0.54587	31	0.24	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	19.770	1.4696	18.340	4.2949	0.54587	31	0.33	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	19.845	0.27000	18.340	4.2949	0.54587	31	0.35	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	20.110	0.12000	18.340	4.2949	0.54587	31	0.41	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	21.650	1.9400	18.340	4.2949	0.54587	31	0.77	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	22.155	2.2900	18.340	4.2949	0.54587	31	0.89	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	23.014	1.2220	18.340	4.2949	0.54587	31	1.09	13%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	23.700	0.20000	18.340	4.2949	0.54587	31	1.25	15%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	23.950	1.3000	18.340	4.2949	0.54587	31	1.31	15%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	25.400	0.20000	18.340	4.2949	0.54587	31	1.64	19%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	25.750	0.30000	18.340	4.2949	0.54587	31	1.73	20%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0848	29.530	0.20000	18.340	4.2949	0.54587	31	2.61	31%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	25.700	4.8000	18.340	4.2949	0.54587	31	1.71	20%	1
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	14.415	0.27000				3			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0723	18.680	0.00000				3			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0613	21.015	0.37000				3			0
010.03	Moisture, Karl-Fischer (%)	2143	5.2750	0.11000	5.9263	0.51896	0.12750	4	-1.25	5%	0
010.03	Moisture, Karl-Fischer (%)	0843	5.7600	0.12000	5.9263	0.51896	0.12750	4	-0.32	1%	0
010.03	Moisture, Karl-Fischer (%)	0208	6.2300	0.10000	5.9263	0.51896	0.12750	4	0.59	3%	0
010.03	Moisture, Karl-Fischer (%)	0164	6.4400	0.18000	5.9263	0.51896	0.12750	4	0.99	4%	0
010.11	Moisture, NIR (%)	2128	4.6661	0.09880	5.7408	0.96173	0.07485	8	-1.12	9%	0
010.11	Moisture, NIR (%)	2050	4.6850	0.13000	5.7408	0.96173	0.07485	8	-1.10	9%	0
010.11	Moisture, NIR (%)	0889	5.2400	0.02000	5.7408	0.96173	0.07485	8	-0.52	4%	0
010.11	Moisture, NIR (%)	2121	5.6350	0.19000	5.7408	0.96173	0.07485	8	-0.11	1%	0
010.11	Moisture, NIR (%)	2120	5.9700	0.06000	5.7408	0.96173	0.07485	8	0.24	2%	0
010.11	Moisture, NIR (%)	0553	6.2900	0.06000	5.7408	0.96173	0.07485	8	0.57	5%	0
010.11	Moisture, NIR (%)	0720	6.3800	0.02000	5.7408	0.96173	0.07485	8	0.66	6%	0
010.11	Moisture, NIR (%)	0852	7.0600	0.02000	5.7408	0.96173	0.07485	8	1.37	11%	0
010.99	Moisture, Miscellaneous (%)	0028	5.4050	0.01000	5.8316	0.31131	0.09050	20	-1.37	4%	0
010.99	Moisture, Miscellaneous (%)	2004	5.4850	0.07000	5.8316	0.31131	0.09050	20	-1.11	3%	0
010.99	Moisture, Miscellaneous (%)	0692	5.5000	0.60000	5.8316	0.31131	0.09050	20	-1.07	3%	0
010.99	Moisture, Miscellaneous (%)	0970	5.5100	0.10000	5.8316	0.31131	0.09050	20	-1.03	3%	0
010.99	Moisture, Miscellaneous (%)	0546	5.5650	0.01000	5.8316	0.31131	0.09050	20	-0.86	2%	0
010.99	Moisture, Miscellaneous (%)	0943	5.5950	0.01000	5.8316	0.31131	0.09050	20	-0.76	2%	0
010.99	Moisture, Miscellaneous (%)	2089	5.6750	0.01000	5.8316	0.31131	0.09050	20	-0.50	1%	0
010.99	Moisture, Miscellaneous (%)	0910	5.8000	0.00000	5.8316	0.31131	0.09050	20	-0.10	0%	0
010.99	Moisture, Miscellaneous (%)	2129	5.8000	0.04000	5.8316	0.31131	0.09050	20	-0.10	0%	0
010.99	Moisture, Miscellaneous (%)	0405	5.8350	0.11000	5.8316	0.31131	0.09050	20	0.01	0%	0
010.99	Moisture, Miscellaneous (%)	2122	5.8400	0.00000	5.8316	0.31131	0.09050	20	0.03	0%	0
010.99	Moisture, Miscellaneous (%)	0948	5.8550	0.03000	5.8316	0.31131	0.09050	20	0.08	0%	0
010.99	Moisture, Miscellaneous (%)	0884	5.9000	0.20000	5.8316	0.31131	0.09050	20	0.22	1%	0
010.99	Moisture, Miscellaneous (%)	0917	5.9000	0.00000	5.8316	0.31131	0.09050	20	0.22	1%	0
010.99	Moisture, Miscellaneous (%)	0969	5.9300	0.02000	5.8316	0.31131	0.09050	20	0.32	1%	0
010.99	Moisture, Miscellaneous (%)	2136	6.0750	0.01000	5.8316	0.31131	0.09050	20	0.78	2%	0
010.99	Moisture, Miscellaneous (%)	0726	6.1550	0.07000	5.8316	0.31131	0.09050	20	1.04	3%	0
010.99	Moisture, Miscellaneous (%)	0939	6.2100	0.18000	5.8316	0.31131	0.09050	20	1.22	3%	0
010.99	Moisture, Miscellaneous (%)	0190	6.3500	0.08000	5.8316	0.31131	0.09050	20	1.67	4%	0
010.99	Moisture, Miscellaneous (%)	2105	6.4000	0.26000	5.8316	0.31131	0.09050	20	1.83	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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010.99	Moisture, Miscellaneous (%)	0019	5.8000	1.0000	5.8316	0.31131	0.09050	20	-0.10	0%	1
011.01	Loss on Drying, 135°C 2hr (%)	0345	3.9950	0.03000	6.3227	0.37479	0.10394	77	-6.21	18%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	4.8150	0.25000	6.3227	0.37479	0.10394	77	-4.02	12%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	5.3400	0.12000	6.3227	0.37479	0.10394	77	-2.62	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	5.4200	0.38000	6.3227	0.37479	0.10394	77	-2.41	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	5.5100	0.10000	6.3227	0.37479	0.10394	77	-2.17	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	5.5500	0.10000	6.3227	0.37479	0.10394	77	-2.06	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	5.5680	0.04160	6.3227	0.37479	0.10394	77	-2.01	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	5.7150	0.13000	6.3227	0.37479	0.10394	77	-1.62	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	5.7300	0.10000	6.3227	0.37479	0.10394	77	-1.58	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	5.8400	0.18000	6.3227	0.37479	0.10394	77	-1.29	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	5.8650	0.05000	6.3227	0.37479	0.10394	77	-1.22	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	5.9600	0.00000	6.3227	0.37479	0.10394	77	-0.97	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	5.9950	0.05000	6.3227	0.37479	0.10394	77	-0.87	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	6.0100	0.00000	6.3227	0.37479	0.10394	77	-0.83	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	6.0210	0.02400	6.3227	0.37479	0.10394	77	-0.81	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	6.0500	0.10000	6.3227	0.37479	0.10394	77	-0.73	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	6.0500	0.10000	6.3227	0.37479	0.10394	77	-0.73	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	6.0800	0.00000	6.3227	0.37479	0.10394	77	-0.65	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	6.0937	0.25550	6.3227	0.37479	0.10394	77	-0.61	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	6.1000	0.00000	6.3227	0.37479	0.10394	77	-0.59	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	6.1000	0.22000	6.3227	0.37479	0.10394	77	-0.59	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	6.1200	0.16000	6.3227	0.37479	0.10394	77	-0.54	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	6.1350	0.01000	6.3227	0.37479	0.10394	77	-0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0808	6.1500	0.06000	6.3227	0.37479	0.10394	77	-0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	6.1600	0.02000	6.3227	0.37479	0.10394	77	-0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0960	6.1600	0.16000	6.3227	0.37479	0.10394	77	-0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	6.1746	0.07920	6.3227	0.37479	0.10394	77	-0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	6.1800	0.16000	6.3227	0.37479	0.10394	77	-0.38	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	6.1900	0.02000	6.3227	0.37479	0.10394	77	-0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	6.2200	0.10000	6.3227	0.37479	0.10394	77	-0.27	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	6.2200	0.02000	6.3227	0.37479	0.10394	77	-0.27	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	6.2250	0.01000	6.3227	0.37479	0.10394	77	-0.26	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	6.2650	0.01000	6.3227	0.37479	0.10394	77	-0.15	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	6.2800	0.10000	6.3227	0.37479	0.10394	77	-0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	6.2850	0.29000	6.3227	0.37479	0.10394	77	-0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0051	6.3000	0.20000	6.3227	0.37479	0.10394	77	-0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	6.3050	0.07000	6.3227	0.37479	0.10394	77	-0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0959	6.3150	0.13000	6.3227	0.37479	0.10394	77	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	6.3320	0.04000	6.3227	0.37479	0.10394	77	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	6.3400	0.06000	6.3227	0.37479	0.10394	77	0.05	0%	0

Sample # 201627

## Method Proficiency Testing Report

Issue Date : 08/31/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.01	Loss on Drying, 135°C 2hr (%)	0354	6.3550	0.01000	6.3227	0.37479	0.10394	77	0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	6.3853	0.02430	6.3227	0.37479	0.10394	77	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	6.4000	0.20000	6.3227	0.37479	0.10394	77	0.21	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	6.4000	0.20000	6.3227	0.37479	0.10394	77	0.21	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	6.4400	0.26000	6.3227	0.37479	0.10394	77	0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	6.4500	0.06000	6.3227	0.37479	0.10394	77	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	6.4550	0.17000	6.3227	0.37479	0.10394	77	0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	6.4600	0.06000	6.3227	0.37479	0.10394	77	0.37	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	6.4795	0.00900	6.3227	0.37479	0.10394	77	0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	6.4850	0.13000	6.3227	0.37479	0.10394	77	0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	6.5050	0.11000	6.3227	0.37479	0.10394	77	0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	6.5150	0.03000	6.3227	0.37479	0.10394	77	0.51	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	6.5150	0.07000	6.3227	0.37479	0.10394	77	0.51	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	6.5250	0.03000	6.3227	0.37479	0.10394	77	0.54	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	6.5270	0.00600	6.3227	0.37479	0.10394	77	0.55	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	6.5305	0.00000	6.3227	0.37479	0.10394	77	0.55	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	6.5350	0.03000	6.3227	0.37479	0.10394	77	0.57	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	6.5400	0.20000	6.3227	0.37479	0.10394	77	0.58	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	6.5435	0.01500	6.3227	0.37479	0.10394	77	0.59	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	6.5800	0.06000	6.3227	0.37479	0.10394	77	0.69	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0623	6.5820	0.39200	6.3227	0.37479	0.10394	77	0.69	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	6.5950	0.03000	6.3227	0.37479	0.10394	77	0.73	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	6.6100	0.60000	6.3227	0.37479	0.10394	77	0.77	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	6.6150	0.09000	6.3227	0.37479	0.10394	77	0.78	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	6.7000	0.00000	6.3227	0.37479	0.10394	77	1.01	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	6.7050	0.07000	6.3227	0.37479	0.10394	77	1.02	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	6.7250	0.01000	6.3227	0.37479	0.10394	77	1.07	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	6.7300	0.04000	6.3227	0.37479	0.10394	77	1.09	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	6.7340	0.05600	6.3227	0.37479	0.10394	77	1.10	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	6.7850	0.19000	6.3227	0.37479	0.10394	77	1.23	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	6.8000	0.22000	6.3227	0.37479	0.10394	77	1.27	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	6.8630	0.00800	6.3227	0.37479	0.10394	77	1.44	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	6.8735	0.04500	6.3227	0.37479	0.10394	77	1.47	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	6.9091	0.09800	6.3227	0.37479	0.10394	77	1.56	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2058	6.9150	0.05000	6.3227	0.37479	0.10394	77	1.58	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	7.0150	0.11000	6.3227	0.37479	0.10394	77	1.85	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	8.5750	0.39000	6.3227	0.37479	0.10394	77	6.01	18%	0
011.01	Loss on Drying, 135°C 2hr (%)	2095	3.6000	0.70000	6.3227	0.37479	0.10394	77	-7.26	22%	1
011.01	Loss on Drying, 135°C 2hr (%)	2016	4.9750	1.0500	6.3227	0.37479	0.10394	77	-3.60	11%	1
011.01	Loss on Drying, 135°C 2hr (%)	0943	94.405	0.01000	6.3227	0.37479	0.10394	77	235.02	697%	2
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	5.4800	0.18000	6.0948	0.46826	0.08950	4	-1.31	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
011.02	Loss on Drying, 130°C for 2 hours (%)	2083	6.1390	0.09800	6.0948	0.46826	0.08950	4	0.09	0%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	6.1400	0.02000	6.0948	0.46826	0.08950	4	0.10	0%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	2023	6.6200	0.06000	6.0948	0.46826	0.08950	4	1.12	4%	0
011.03	Loss on drying, 130°C, 1 hour, Flour (%)	0681	5.6450	0.19000				1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	6.5000	0.14000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	6.5500	0.10000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	6.8100	0.22000				3			0
012.00	Starch, Polarimetric (Ewers) (%)	0689	21.550	0.30000	23.154	0.87454	0.25667	9	-1.83	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	21.930	0.60000	23.154	0.87454	0.25667	9	-1.40	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	22.925	0.35000	23.154	0.87454	0.25667	9	-0.26	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	23.432	0.00000	23.154	0.87454	0.25667	9	0.32	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	23.480	0.00000	23.154	0.87454	0.25667	9	0.37	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	23.480	0.26000	23.154	0.87454	0.25667	9	0.37	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0868	23.550	0.10000	23.154	0.87454	0.25667	9	0.45	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	23.850	0.30000	23.154	0.87454	0.25667	9	0.80	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2023	23.900	0.40000	23.154	0.87454	0.25667	9	0.85	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	22.285	1.6900	23.154	0.87454	0.25667	9	-0.99	2%	1
012.01	Starch, Megazyme (%)	0918	20.427	2.0960	22.850	0.56649	0.55178	9	-4.28	5%	0
012.01	Starch, Megazyme (%)	0676	21.710	0.30000	22.850	0.56649	0.55178	9	-2.01	2%	0
012.01	Starch, Megazyme (%)	0956	22.600	1.6000	22.850	0.56649	0.55178	9	-0.44	1%	0
012.01	Starch, Megazyme (%)	0164	22.650	0.10000	22.850	0.56649	0.55178	9	-0.35	0%	0
012.01	Starch, Megazyme (%)	2004	22.850	0.10000	22.850	0.56649	0.55178	9	0.00	0%	0
012.01	Starch, Megazyme (%)	0045	23.000	0.40000	22.850	0.56649	0.55178	9	0.26	0%	0
012.01	Starch, Megazyme (%)	0970	23.150	0.10000	22.850	0.56649	0.55178	9	0.53	1%	0
012.01	Starch, Megazyme (%)	0613	24.055	0.17000	22.850	0.56649	0.55178	9	2.13	3%	0
012.01	Starch, Megazyme (%)	0265	25.050	0.10000	22.850	0.56649	0.55178	9	3.88	5%	0
012.02	Starch, Colorimetric (GOP) (%)	2089	26.855	0.09000				1			0
012.03	Starch, Enzymatic (%)	0885	18.772	0.71930	22.610	2.7702	0.76773	6	-1.39	8%	0
012.03	Starch, Enzymatic (%)	0297	22.090	0.30000	22.610	2.7702	0.76773	6	-0.19	1%	0
012.03	Starch, Enzymatic (%)	0098	22.550	2.5000	22.610	2.7702	0.76773	6	-0.02	0%	0
012.03	Starch, Enzymatic (%)	0407	22.769	0.92710	22.610	2.7702	0.76773	6	0.06	0%	0
012.03	Starch, Enzymatic (%)	0889	23.030	0.16000	22.610	2.7702	0.76773	6	0.15	1%	0
012.03	Starch, Enzymatic (%)	0596	29.030	0.00000	22.610	2.7702	0.76773	6	2.32	14%	0
012.04	Starch, YSI Analyzer (%)	0948	20.890	0.08000	21.387	0.85161	0.44500	4	-0.58	1%	0
012.04	Starch, YSI Analyzer (%)	0278	20.900	0.00000	21.387	0.85161	0.44500	4	-0.57	1%	0
012.04	Starch, YSI Analyzer (%)	0510	22.300	1.4000	21.387	0.85161	0.44500	4	1.07	2%	0
012.04	Starch, YSI Analyzer (%)	0353	22.370	0.30000	21.387	0.85161	0.44500	4	1.15	2%	0
012.11	Starch, NIR (%)	0889	19.390	0.74000				3			0
012.11	Starch, NIR (%)	2128	22.668	0.18500				3			0
012.11	Starch, NIR (%)	0720	23.250	0.08000				3			0
012.99	Starch, Miscellaneous (%)	0904	32.290	1.0400				1			0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
013.00	Fat, Acid hydrolysis (%)	0083	13.565	0.01000	15.031	0.40294	0.13601	26	-3.64	5%	0
013.00	Fat, Acid hydrolysis (%)	0297	13.790	0.04000	15.031	0.40294	0.13601	26	-3.08	4%	0
013.00	Fat, Acid hydrolysis (%)	2004	14.550	0.10000	15.031	0.40294	0.13601	26	-1.19	2%	0
013.00	Fat, Acid hydrolysis (%)	0629	14.600	0.00000	15.031	0.40294	0.13601	26	-1.07	1%	0
013.00	Fat, Acid hydrolysis (%)	0541	14.605	0.35000	15.031	0.40294	0.13601	26	-1.06	1%	0
013.00	Fat, Acid hydrolysis (%)	0970	14.650	0.10000	15.031	0.40294	0.13601	26	-0.95	1%	0
013.00	Fat, Acid hydrolysis (%)	0681	14.695	0.03000	15.031	0.40294	0.13601	26	-0.83	1%	0
013.00	Fat, Acid hydrolysis (%)	0504	14.700	0.06000	15.031	0.40294	0.13601	26	-0.82	1%	0
013.00	Fat, Acid hydrolysis (%)	0948	14.905	0.17000	15.031	0.40294	0.13601	26	-0.31	0%	0
013.00	Fat, Acid hydrolysis (%)	0139	14.970	0.04000	15.031	0.40294	0.13601	26	-0.15	0%	0
013.00	Fat, Acid hydrolysis (%)	0035	15.035	0.19000	15.031	0.40294	0.13601	26	0.01	0%	0
013.00	Fat, Acid hydrolysis (%)	0229	15.055	0.17000	15.031	0.40294	0.13601	26	0.06	0%	0
013.00	Fat, Acid hydrolysis (%)	0910	15.080	0.36000	15.031	0.40294	0.13601	26	0.12	0%	0
013.00	Fat, Acid hydrolysis (%)	0969	15.100	0.00000	15.031	0.40294	0.13601	26	0.17	0%	0
013.00	Fat, Acid hydrolysis (%)	0407	15.120	0.14000	15.031	0.40294	0.13601	26	0.22	0%	0
013.00	Fat, Acid hydrolysis (%)	0202	15.145	0.01000	15.031	0.40294	0.13601	26	0.28	0%	0
013.00	Fat, Acid hydrolysis (%)	0242	15.210	0.20000	15.031	0.40294	0.13601	26	0.44	1%	0
013.00	Fat, Acid hydrolysis (%)	0615	15.220	0.44000	15.031	0.40294	0.13601	26	0.47	1%	0
013.00	Fat, Acid hydrolysis (%)	2053	15.220	0.12000	15.031	0.40294	0.13601	26	0.47	1%	0
013.00	Fat, Acid hydrolysis (%)	0689	15.300	0.40000	15.031	0.40294	0.13601	26	0.67	1%	0
013.00	Fat, Acid hydrolysis (%)	2136	15.340	0.04000	15.031	0.40294	0.13601	26	0.77	1%	0
013.00	Fat, Acid hydrolysis (%)	0884	15.350	0.10000	15.031	0.40294	0.13601	26	0.79	1%	0
013.00	Fat, Acid hydrolysis (%)	0309	15.377	0.27630	15.031	0.40294	0.13601	26	0.86	1%	0
013.00	Fat, Acid hydrolysis (%)	2057	15.465	0.05000	15.031	0.40294	0.13601	26	1.08	1%	0
013.00	Fat, Acid hydrolysis (%)	2089	15.860	0.06000	15.031	0.40294	0.13601	26	2.06	3%	0
013.00	Fat, Acid hydrolysis (%)	2023	16.420	0.08000	15.031	0.40294	0.13601	26	3.45	5%	0
013.00	Fat, Acid hydrolysis (%)	2016	15.370	0.68000	15.031	0.40294	0.13601	26	0.84	1%	1
013.02	Fat, Mojonnier, Bak Ext (%)	0675	14.010	0.26000	15.349	0.36599	0.17771	29	-3.66	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	14.590	0.46000	15.349	0.36599	0.17771	29	-2.08	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	14.815	0.01000	15.349	0.36599	0.17771	29	-1.46	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	14.865	0.13000	15.349	0.36599	0.17771	29	-1.32	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	14.895	0.05000	15.349	0.36599	0.17771	29	-1.24	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	15.000	0.40000	15.349	0.36599	0.17771	29	-0.95	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	15.010	0.40000	15.349	0.36599	0.17771	29	-0.93	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0960	15.145	0.29000	15.349	0.36599	0.17771	29	-0.56	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	15.155	0.09000	15.349	0.36599	0.17771	29	-0.53	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	15.245	0.15000	15.349	0.36599	0.17771	29	-0.29	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0098	15.260	0.02000	15.349	0.36599	0.17771	29	-0.24	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	15.290	0.00000	15.349	0.36599	0.17771	29	-0.16	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	15.375	0.15000	15.349	0.36599	0.17771	29	0.07	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	15.390	0.26000	15.349	0.36599	0.17771	29	0.11	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
013.02	Fat, Mojonnier, Bak Ext (%)	0175	15.405	0.03000	15.349	0.36599	0.17771	29	0.15	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0959	15.450	0.28000	15.349	0.36599	0.17771	29	0.27	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0011	15.475	0.59000	15.349	0.36599	0.17771	29	0.34	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0512	15.510	0.10000	15.349	0.36599	0.17771	29	0.44	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	15.530	0.06000	15.349	0.36599	0.17771	29	0.49	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	15.540	0.42000	15.349	0.36599	0.17771	29	0.52	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0505	15.550	0.16000	15.349	0.36599	0.17771	29	0.55	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0001	15.585	0.14370	15.349	0.36599	0.17771	29	0.64	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0051	15.600	0.00000	15.349	0.36599	0.17771	29	0.68	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0510	15.650	0.10000	15.349	0.36599	0.17771	29	0.82	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	15.655	0.07000	15.349	0.36599	0.17771	29	0.83	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0943	15.695	0.07000	15.349	0.36599	0.17771	29	0.94	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0808	15.755	0.03000	15.349	0.36599	0.17771	29	1.11	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	15.790	0.30000	15.349	0.36599	0.17771	29	1.20	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	16.115	0.13000	15.349	0.36599	0.17771	29	2.09	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0300	14.166	0.91430	15.349	0.36599	0.17771	29	-3.23	4%	1
013.08	Fat, Roese-Gottlieb Modified (%)	0618	13.710	0.04000				1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	11.210	0.04000	14.116	0.93771	0.09804	11	-3.10	10%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0613	12.705	0.15000	14.116	0.93771	0.09804	11	-1.50	5%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	13.740	0.04000	14.116	0.93771	0.09804	11	-0.40	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0845	13.940	0.38000	14.116	0.93771	0.09804	11	-0.19	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	13.956	0.04840	14.116	0.93771	0.09804	11	-0.17	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2095	14.340	0.30000	14.116	0.93771	0.09804	11	0.24	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0033	14.400	0.00000	14.116	0.93771	0.09804	11	0.30	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2124	14.515	0.01000	14.116	0.93771	0.09804	11	0.43	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0723	14.720	0.00000	14.116	0.93771	0.09804	11	0.64	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0652	15.100	0.00000	14.116	0.93771	0.09804	11	1.05	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	15.145	0.11000	14.116	0.93771	0.09804	11	1.10	4%	0
013.12	Fat, NIR- Acid Hydrolysis (%)	0613	12.930	0.06000				2			0
013.12	Fat, NIR- Acid Hydrolysis (%)	2128	14.965	0.03000				2			0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0027	11.455	0.79760	15.070	0.80891	0.23126	10	-4.47	12%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	14.266	0.17500	15.070	0.80891	0.23126	10	-0.99	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0003	14.535	0.35000	15.070	0.80891	0.23126	10	-0.66	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0904	14.775	0.17000	15.070	0.80891	0.23126	10	-0.36	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0653	14.980	0.04000	15.070	0.80891	0.23126	10	-0.11	0%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	15.350	0.10000	15.070	0.80891	0.23126	10	0.35	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	15.375	0.05000	15.070	0.80891	0.23126	10	0.38	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0074	15.665	0.23000	15.070	0.80891	0.23126	10	0.74	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	2134	15.900	0.20000	15.070	0.80891	0.23126	10	1.03	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	16.000	0.20000	15.070	0.80891	0.23126	10	1.15	3%	0
014.99	Fiber, total dietary TDF, Miscellaneous (%)	0164	12.100	0.20000				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			
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	135.01	7.0400				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0011	159.26	5.1610				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	169.00	6.0000				3			0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	173.50	2.4000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	131.00	2.0000	164.79	33.017	7.4317	6	-1.02	10%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	147.24	1.5900	164.79	33.017	7.4317	6	-0.53	5%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	152.00	2.0000	164.79	33.017	7.4317	6	-0.39	4%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	162.00	14.000	164.79	33.017	7.4317	6	-0.08	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	184.50	7.0000	164.79	33.017	7.4317	6	0.60	6%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	212.00	18.000	164.79	33.017	7.4317	6	1.43	14%	0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	203.00	2.0000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	4.3150	0.15000	5.3900	1.1563	0.31500	4	-0.93	10%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	4.4700	0.76000	5.3900	1.1563	0.31500	4	-0.80	9%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	6.2900	0.12000	5.3900	1.1563	0.31500	4	0.78	8%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	6.4850	0.23000	5.3900	1.1563	0.31500	4	0.95	10%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	4.7800	0.02000	4.9887	0.21001	0.15083	4	-0.99	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	4.9862	0.22330	4.9887	0.21001	0.15083	4	-0.01	0%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	5.2000	0.16000	4.9887	0.21001	0.15083	4	1.01	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	7.5000	0.20000	4.9887	0.21001	0.15083	4	11.96	25%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	4.8550	0.59000	5.4263	0.74538	0.47250	4	-0.77	5%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	5.0000	0.00000	5.4263	0.74538	0.47250	4	-0.57	4%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	5.3500	0.30000	5.4263	0.74538	0.47250	4	-0.10	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	6.5000	1.0000	5.4263	0.74538	0.47250	4	1.44	10%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	0.00000	0.00000	5.4263	0.74538	0.47250	4			4
019.00	Calcium, Ox-Mn04 Vol. (%)	2115	2.2403	0.02150	2.4187	0.07235	0.03351	15	-2.47	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	2.3250	0.15000	2.4187	0.07235	0.03351	15	-1.29	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0937	2.3600	0.00000	2.4187	0.07235	0.03351	15	-0.81	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0623	2.3610	0.01000	2.4187	0.07235	0.03351	15	-0.80	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	2.3810	0.01600	2.4187	0.07235	0.03351	15	-0.52	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	2.4000	0.02000	2.4187	0.07235	0.03351	15	-0.26	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	2.4225	0.01900	2.4187	0.07235	0.03351	15	0.05	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2097	2.4246	0.01040	2.4187	0.07235	0.03351	15	0.08	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0868	2.4350	0.03000	2.4187	0.07235	0.03351	15	0.23	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	2.4360	0.00400	2.4187	0.07235	0.03351	15	0.24	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	2.4392	0.01480	2.4187	0.07235	0.03351	15	0.28	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0681	2.4600	0.00000	2.4187	0.07235	0.03351	15	0.57	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	2.4850	0.05000	2.4187	0.07235	0.03351	15	0.92	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	2.5135	0.10700	2.4187	0.07235	0.03351	15	1.31	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	2.7750	0.05000	2.4187	0.07235	0.03351	15	4.92	7%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	2.3031	0.28540	2.4187	0.07235	0.03351	15	-1.60	2%	1
019.02	Calcium, Hach Method (%)	2128	2.3935	0.12100				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			
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	2.4885	0.08760				1			0
019.08	Calcium, EDTA (%)	0852	1.2500	0.10000	2.3268	0.09084	0.04234	8	-11.85	23%	0
019.08	Calcium, EDTA (%)	0940	2.2800	0.08000	2.3268	0.09084	0.04234	8	-0.52	1%	0
019.08	Calcium, EDTA (%)	0629	2.2950	0.01000	2.3268	0.09084	0.04234	8	-0.35	1%	0
019.08	Calcium, EDTA (%)	0590	2.3050	0.07000	2.3268	0.09084	0.04234	8	-0.24	0%	0
019.08	Calcium, EDTA (%)	0138	2.3160	0.01000	2.3268	0.09084	0.04234	8	-0.12	0%	0
019.08	Calcium, EDTA (%)	0849	2.3715	0.02300	2.3268	0.09084	0.04234	8	0.49	1%	0
019.08	Calcium, EDTA (%)	0885	2.4264	0.00570	2.3268	0.09084	0.04234	8	1.10	2%	0
019.08	Calcium, EDTA (%)	0689	2.4300	0.04000	2.3268	0.09084	0.04234	8	1.14	2%	0
019.09	Calcium, Ion-selective electrode (%)	2006	2.6260	0.10400				1			0
019.31	Calcium, AAS, Dry ash (%)	0152	2.1500	0.10000	2.3785	0.04986	0.07991	21	-4.58	5%	0
019.31	Calcium, AAS, Dry ash (%)	0689	2.2000	0.00000	2.3785	0.04986	0.07991	21	-3.58	4%	0
019.31	Calcium, AAS, Dry ash (%)	0563	2.2448	0.01130	2.3785	0.04986	0.07991	21	-2.68	3%	0
019.31	Calcium, AAS, Dry ash (%)	0687	2.3500	0.10000	2.3785	0.04986	0.07991	21	-0.57	1%	0
019.31	Calcium, AAS, Dry ash (%)	0884	2.3500	0.06000	2.3785	0.04986	0.07991	21	-0.57	1%	0
019.31	Calcium, AAS, Dry ash (%)	0653	2.3520	0.01600	2.3785	0.04986	0.07991	21	-0.53	1%	0
019.31	Calcium, AAS, Dry ash (%)	0874	2.3582	0.02820	2.3785	0.04986	0.07991	21	-0.41	0%	0
019.31	Calcium, AAS, Dry ash (%)	0505	2.3600	0.02000	2.3785	0.04986	0.07991	21	-0.37	0%	0
019.31	Calcium, AAS, Dry ash (%)	0723	2.3720	0.00000	2.3785	0.04986	0.07991	21	-0.13	0%	0
019.31	Calcium, AAS, Dry ash (%)	0650	2.3775	0.19900	2.3785	0.04986	0.07991	21	-0.02	0%	0
019.31	Calcium, AAS, Dry ash (%)	0233	2.3800	0.12000	2.3785	0.04986	0.07991	21	0.03	0%	0
019.31	Calcium, AAS, Dry ash (%)	0208	2.3825	0.23500	2.3785	0.04986	0.07991	21	0.08	0%	0
019.31	Calcium, AAS, Dry ash (%)	0142	2.3942	0.08860	2.3785	0.04986	0.07991	21	0.31	0%	0
019.31	Calcium, AAS, Dry ash (%)	0175	2.3950	0.11000	2.3785	0.04986	0.07991	21	0.33	0%	0
019.31	Calcium, AAS, Dry ash (%)	0948	2.3950	0.03000	2.3785	0.04986	0.07991	21	0.33	0%	0
019.31	Calcium, AAS, Dry ash (%)	0354	2.4000	0.02000	2.3785	0.04986	0.07991	21	0.43	0%	0
019.31	Calcium, AAS, Dry ash (%)	0939	2.4000	0.02000	2.3785	0.04986	0.07991	21	0.43	0%	0
019.31	Calcium, AAS, Dry ash (%)	0904	2.4300	0.32000	2.3785	0.04986	0.07991	21	1.03	1%	0
019.31	Calcium, AAS, Dry ash (%)	0066	2.4350	0.13000	2.3785	0.04986	0.07991	21	1.13	1%	0
019.31	Calcium, AAS, Dry ash (%)	0529	2.4550	0.07000	2.3785	0.04986	0.07991	21	1.53	2%	0
019.31	Calcium, AAS, Dry ash (%)	0674	2.4800	0.00000	2.3785	0.04986	0.07991	21	2.03	2%	0
019.32	Calcium, AAS, Open vessel (%)	0035	2.3850	0.09000	2.5305	0.15337	0.05400	4	-0.95	3%	0
019.32	Calcium, AAS, Open vessel (%)	0504	2.4470	0.06600	2.5305	0.15337	0.05400	4	-0.54	2%	0
019.32	Calcium, AAS, Open vessel (%)	0169	2.5550	0.05000	2.5305	0.15337	0.05400	4	0.16	0%	0
019.32	Calcium, AAS, Open vessel (%)	0609	2.7350	0.01000	2.5305	0.15337	0.05400	4	1.33	4%	0
019.41	Calcium, ICP, Dry ash (%)	0144	2.1850	0.01000	2.4693	0.09676	0.03578	30	-2.94	6%	0
019.41	Calcium, ICP, Dry ash (%)	0910	2.2800	0.18000	2.4693	0.09676	0.03578	30	-1.96	4%	0
019.41	Calcium, ICP, Dry ash (%)	0682	2.3100	0.00000	2.4693	0.09676	0.03578	30	-1.65	3%	0
019.41	Calcium, ICP, Dry ash (%)	2012	2.3600	0.02000	2.4693	0.09676	0.03578	30	-1.13	2%	0
019.41	Calcium, ICP, Dry ash (%)	0051	2.3627	0.05280	2.4693	0.09676	0.03578	30	-1.10	2%	0
019.41	Calcium, ICP, Dry ash (%)	0164	2.3900	0.02000	2.4693	0.09676	0.03578	30	-0.82	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			
019.41	Calcium, ICP, Dry ash (%)	0512	2.3920	0.05400	2.4693	0.09676	0.03578	30	-0.80	2%	0
019.41	Calcium, ICP, Dry ash (%)	0720	2.4200	0.02000	2.4693	0.09676	0.03578	30	-0.51	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	2.4250	0.05000	2.4693	0.09676	0.03578	30	-0.46	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	2.4300	0.02000	2.4693	0.09676	0.03578	30	-0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	2.4350	0.01000	2.4693	0.09676	0.03578	30	-0.35	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	2.4450	0.01000	2.4693	0.09676	0.03578	30	-0.25	0%	0
019.41	Calcium, ICP, Dry ash (%)	0298	2.4500	0.02000	2.4693	0.09676	0.03578	30	-0.20	0%	0
019.41	Calcium, ICP, Dry ash (%)	0413	2.4500	0.10000	2.4693	0.09676	0.03578	30	-0.20	0%	0
019.41	Calcium, ICP, Dry ash (%)	0868	2.4500	0.10000	2.4693	0.09676	0.03578	30	-0.20	0%	0
019.41	Calcium, ICP, Dry ash (%)	0011	2.4663	0.00600	2.4693	0.09676	0.03578	30	-0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	0511	2.4700	0.02000	2.4693	0.09676	0.03578	30	0.01	0%	0
019.41	Calcium, ICP, Dry ash (%)	0139	2.4925	0.00500	2.4693	0.09676	0.03578	30	0.24	0%	0
019.41	Calcium, ICP, Dry ash (%)	0049	2.5000	0.08000	2.4693	0.09676	0.03578	30	0.32	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	2.5000	0.00000	2.4693	0.09676	0.03578	30	0.32	1%	0
019.41	Calcium, ICP, Dry ash (%)	0004	2.5350	0.07000	2.4693	0.09676	0.03578	30	0.68	1%	0
019.41	Calcium, ICP, Dry ash (%)	0083	2.5370	0.00800	2.4693	0.09676	0.03578	30	0.70	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	2.5435	0.02950	2.4693	0.09676	0.03578	30	0.77	2%	0
019.41	Calcium, ICP, Dry ash (%)	0089	2.5500	0.00000	2.4693	0.09676	0.03578	30	0.83	2%	0
019.41	Calcium, ICP, Dry ash (%)	0358	2.5650	0.03000	2.4693	0.09676	0.03578	30	0.99	2%	0
019.41	Calcium, ICP, Dry ash (%)	0405	2.5650	0.03000	2.4693	0.09676	0.03578	30	0.99	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	2.5750	0.03000	2.4693	0.09676	0.03578	30	1.09	2%	0
019.41	Calcium, ICP, Dry ash (%)	0848	2.5900	0.00000	2.4693	0.09676	0.03578	30	1.25	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	2.5920	0.00800	2.4693	0.09676	0.03578	30	1.27	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	2.9450	0.09000	2.4693	0.09676	0.03578	30	4.92	10%	0
019.41	Calcium, ICP, Dry ash (%)	0208	2.4560	0.28000	2.4693	0.09676	0.03578	30	-0.14	0%	1
019.42	Calcium, ICP, Open vessel (%)	0265	2.2300	0.02000	2.4949	0.18812	0.05449	19	-1.41	5%	0
019.42	Calcium, ICP, Open vessel (%)	0366	2.3200	0.02000	2.4949	0.18812	0.05449	19	-0.93	4%	0
019.42	Calcium, ICP, Open vessel (%)	0693	2.3381	0.05240	2.4949	0.18812	0.05449	19	-0.83	3%	0
019.42	Calcium, ICP, Open vessel (%)	0035	2.3550	0.05000	2.4949	0.18812	0.05449	19	-0.74	3%	0
019.42	Calcium, ICP, Open vessel (%)	0205	2.3600	0.06000	2.4949	0.18812	0.05449	19	-0.72	3%	0
019.42	Calcium, ICP, Open vessel (%)	0560	2.3635	0.00300	2.4949	0.18812	0.05449	19	-0.70	3%	0
019.42	Calcium, ICP, Open vessel (%)	0278	2.3750	0.03000	2.4949	0.18812	0.05449	19	-0.64	2%	0
019.42	Calcium, ICP, Open vessel (%)	0555	2.3800	0.10000	2.4949	0.18812	0.05449	19	-0.61	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	2.4450	0.03000	2.4949	0.18812	0.05449	19	-0.27	1%	0
019.42	Calcium, ICP, Open vessel (%)	0202	2.4750	0.01000	2.4949	0.18812	0.05449	19	-0.11	0%	0
019.42	Calcium, ICP, Open vessel (%)	0357	2.5150	0.07000	2.4949	0.18812	0.05449	19	0.11	0%	0
019.42	Calcium, ICP, Open vessel (%)	0037	2.5200	0.00000	2.4949	0.18812	0.05449	19	0.13	1%	0
019.42	Calcium, ICP, Open vessel (%)	0187	2.5350	0.01000	2.4949	0.18812	0.05449	19	0.21	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	2.5650	0.03000	2.4949	0.18812	0.05449	19	0.37	1%	0
019.42	Calcium, ICP, Open vessel (%)	0613	2.6450	0.13000	2.4949	0.18812	0.05449	19	0.80	3%	0
019.42	Calcium, ICP, Open vessel (%)	2110	2.7000	0.20000	2.4949	0.18812	0.05449	19	1.09	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.42	Calcium, ICP, Open vessel (%)	0692	2.7500	0.12000	2.4949	0.18812	0.05449	19	1.36	5%	0
019.42	Calcium, ICP, Open vessel (%)	0190	2.7550	0.05000	2.4949	0.18812	0.05449	19	1.38	5%	0
019.42	Calcium, ICP, Open vessel (%)	0726	2.8480	0.05000	2.4949	0.18812	0.05449	19	1.88	7%	0
019.42	Calcium, ICP, Open vessel (%)	0042	2.1100	0.30000	2.4949	0.18812	0.05449	19	-2.05	8%	1
019.43	Calcium, ICP, Microwave (%)	0043	2.2750	0.07000	2.4215	0.08849	0.02634	18	-1.66	3%	0
019.43	Calcium, ICP, Microwave (%)	0675	2.3250	0.01000	2.4215	0.08849	0.02634	18	-1.09	2%	0
019.43	Calcium, ICP, Microwave (%)	0968	2.3360	0.00600	2.4215	0.08849	0.02634	18	-0.97	2%	0
019.43	Calcium, ICP, Microwave (%)	0018	2.3450	0.01000	2.4215	0.08849	0.02634	18	-0.86	2%	0
019.43	Calcium, ICP, Microwave (%)	0036	2.3545	0.00810	2.4215	0.08849	0.02634	18	-0.76	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	2.3800	0.00000	2.4215	0.08849	0.02634	18	-0.47	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	2.3815	0.08300	2.4215	0.08849	0.02634	18	-0.45	1%	0
019.43	Calcium, ICP, Microwave (%)	2124	2.3950	0.01000	2.4215	0.08849	0.02634	18	-0.30	1%	0
019.43	Calcium, ICP, Microwave (%)	0629	2.4000	0.00000	2.4215	0.08849	0.02634	18	-0.24	0%	0
019.43	Calcium, ICP, Microwave (%)	0017	2.4265	0.00700	2.4215	0.08849	0.02634	18	0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	2136	2.4400	0.14000	2.4215	0.08849	0.02634	18	0.21	0%	0
019.43	Calcium, ICP, Microwave (%)	2089	2.4600	0.06000	2.4215	0.08849	0.02634	18	0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	0297	2.4650	0.01000	2.4215	0.08849	0.02634	18	0.49	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	2.4700	0.02000	2.4215	0.08849	0.02634	18	0.55	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	2.5060	0.01000	2.4215	0.08849	0.02634	18	0.95	2%	0
019.43	Calcium, ICP, Microwave (%)	0425	2.5250	0.01000	2.4215	0.08849	0.02634	18	1.17	2%	0
019.43	Calcium, ICP, Microwave (%)	0353	2.5350	0.01000	2.4215	0.08849	0.02634	18	1.28	2%	0
019.43	Calcium, ICP, Microwave (%)	0861	2.5650	0.01000	2.4215	0.08849	0.02634	18	1.62	3%	0
019.43	Calcium, ICP, Microwave (%)	0033	2.6000	0.18000	2.4215	0.08849	0.02634	18	2.02	4%	1
019.43	Calcium, ICP, Microwave (%)	2066	17,000	0.00000	2.4215	0.08849	0.02634	18	192079.00	350968%	2
019.44	Calcium, ICP, Dry ash (%)	2114	2.0700	0.00000	2.3466	0.20895	0.08583	6	-1.32	6%	0
019.44	Calcium, ICP, Dry ash (%)	0970	2.1850	0.25000	2.3466	0.20895	0.08583	6	-0.77	3%	0
019.44	Calcium, ICP, Dry ash (%)	2004	2.3800	0.06000	2.3466	0.20895	0.08583	6	0.16	1%	0
019.44	Calcium, ICP, Dry ash (%)	0969	2.4040	0.00400	2.3466	0.20895	0.08583	6	0.27	1%	0
019.44	Calcium, ICP, Dry ash (%)	2122	2.4855	0.13100	2.3466	0.20895	0.08583	6	0.66	3%	0
019.44	Calcium, ICP, Dry ash (%)	2023	2.5550	0.07000	2.3466	0.20895	0.08583	6	1.00	4%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	2.4029	0.12970				1			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	2.3700	0.14000				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	2.3850	0.03000				2			0
019.99	Calcium, Miscellaneous (%)	2105	0.20500	0.01000	1.7638	1.0976	0.02250	4	-1.42	44%	0
019.99	Calcium, Miscellaneous (%)	0889	1.7900	0.00000	1.7638	1.0976	0.02250	4	0.02	1%	0
019.99	Calcium, Miscellaneous (%)	0242	2.4600	0.02000	1.7638	1.0976	0.02250	4	0.63	20%	0
019.99	Calcium, Miscellaneous (%)	0100	2.6000	0.06000	1.7638	1.0976	0.02250	4	0.76	24%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	2.0500	0.10000				2			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	2.1700	0.10000				2			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	1.2300	0.08000				3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	1.5835	0.06300				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			
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	1.9500	0.10000				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	1.0531	0.05260				2			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	1.5825	0.25500				2			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	1.5000	0.40000	1.8438	0.31742	0.12600	5	-1.08	9%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	2066	1.5200	0.00000	1.8438	0.31742	0.12600	5	-1.02	9%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	1.7200	0.06000	1.8438	0.31742	0.12600	5	-0.39	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	1.8650	0.09000	1.8438	0.31742	0.12600	5	0.07	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	2.2700	0.08000	1.8438	0.31742	0.12600	5	1.34	12%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.94000	0.04000				1			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	0.89050	0.07500				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	1.1151	0.29320				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	2.3850	0.07000				3			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	14.000	4.0000	21.174	2.1325	1.1238	13	-3.36	17%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	18.750	1.5000	21.174	2.1325	1.1238	13	-1.14	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	19.465	0.83000	21.174	2.1325	1.1238	13	-0.80	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0590	19.620	0.76000	21.174	2.1325	1.1238	13	-0.73	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	20.910	0.26000	21.174	2.1325	1.1238	13	-0.12	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	21.075	0.79000	21.174	2.1325	1.1238	13	-0.05	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	21.300	0.40000	21.174	2.1325	1.1238	13	0.06	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	21.300	0.00000	21.174	2.1325	1.1238	13	0.06	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	21.500	1.0000	21.174	2.1325	1.1238	13	0.15	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	22.500	1.0000	21.174	2.1325	1.1238	13	0.62	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	22.950	0.30000	21.174	2.1325	1.1238	13	0.83	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	23.545	1.7700	21.174	2.1325	1.1238	13	1.11	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	25.000	2.0000	21.174	2.1325	1.1238	13	1.79	9%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	2128	22.212	0.06300	26.872	7.0642	0.80325	4	-0.66	9%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	23.405	0.15000	26.872	7.0642	0.80325	4	-0.49	6%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	24.500	3.0000	26.872	7.0642	0.80325	4	-0.34	4%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	35.000	0.00000	26.872	7.0642	0.80325	4	1.15	15%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0004	13.000	0.00000	20.771	2.2083	1.1408	23	-3.52	19%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	13.260	0.52000	20.771	2.2083	1.1408	23	-3.40	18%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	14.155	0.09000	20.771	2.2083	1.1408	23	-3.00	16%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	18.000	2.0000	20.771	2.2083	1.1408	23	-1.25	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	19.325	1.1700	20.771	2.2083	1.1408	23	-0.65	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	19.515	1.0700	20.771	2.2083	1.1408	23	-0.57	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	20.000	0.00000	20.771	2.2083	1.1408	23	-0.35	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	20.300	1.2000	20.771	2.2083	1.1408	23	-0.21	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	20.350	1.2800	20.771	2.2083	1.1408	23	-0.19	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	20.500	1.0000	20.771	2.2083	1.1408	23	-0.12	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0682	20.800	0.00000	20.771	2.2083	1.1408	23	0.01	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	20.830	1.2800	20.771	2.2083	1.1408	23	0.03	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	21.000	0.00000	20.771	2.2083	1.1408	23	0.10	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	21.112	1.8191	20.771	2.2083	1.1408	23	0.15	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0868	21.500	3.0000	20.771	2.2083	1.1408	23	0.33	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	21.840	0.78000	20.771	2.2083	1.1408	23	0.48	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	21.900	1.6000	20.771	2.2083	1.1408	23	0.51	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0051	22.295	1.5100	20.771	2.2083	1.1408	23	0.69	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	22.430	1.7200	20.771	2.2083	1.1408	23	0.75	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	22.500	1.0000	20.771	2.2083	1.1408	23	0.78	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	23.000	4.0000	20.771	2.2083	1.1408	23	1.01	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	24.970	0.80000	20.771	2.2083	1.1408	23	1.90	10%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	27.900	0.40000	20.771	2.2083	1.1408	23	3.23	17%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	18.500	1.0000	22.628	2.3814	0.72521	19	-1.73	9%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	19.500	1.0000	22.628	2.3814	0.72521	19	-1.31	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	20.450	0.10000	22.628	2.3814	0.72521	19	-0.91	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	20.450	0.16000	22.628	2.3814	0.72521	19	-0.91	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	20.700	0.00000	22.628	2.3814	0.72521	19	-0.81	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	21.245	0.05000	22.628	2.3814	0.72521	19	-0.58	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	21.302	0.65900	22.628	2.3814	0.72521	19	-0.56	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	22.000	0.00000	22.628	2.3814	0.72521	19	-0.26	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	22.400	0.80000	22.628	2.3814	0.72521	19	-0.10	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	22.550	1.7000	22.628	2.3814	0.72521	19	-0.03	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	23.130	0.40000	22.628	2.3814	0.72521	19	0.21	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	23.400	0.80000	22.628	2.3814	0.72521	19	0.32	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	23.500	3.0000	22.628	2.3814	0.72521	19	0.37	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	24.025	0.01000	22.628	2.3814	0.72521	19	0.59	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	24.395	0.47000	22.628	2.3814	0.72521	19	0.74	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	25.000	2.8000	22.628	2.3814	0.72521	19	1.00	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	25.220	0.44000	22.628	2.3814	0.72521	19	1.09	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	25.405	0.39000	22.628	2.3814	0.72521	19	1.17	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	27.000	0.00000	22.628	2.3814	0.72521	19	1.84	10%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2066	11.100	0.00000	20.964	1.8290	0.56606	16	-5.39	24%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	18.530	0.34000	20.964	1.8290	0.56606	16	-1.33	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	20.000	0.00000	20.964	1.8290	0.56606	16	-0.53	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	20.000	0.00000	20.964	1.8290	0.56606	16	-0.53	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	20.100	0.40000	20.964	1.8290	0.56606	16	-0.47	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	20.100	0.00000	20.964	1.8290	0.56606	16	-0.47	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0017	20.260	0.98700	20.964	1.8290	0.56606	16	-0.39	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	20.400	0.16000	20.964	1.8290	0.56606	16	-0.31	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	21.050	0.90000	20.964	1.8290	0.56606	16	0.05	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	21.250	0.10000	20.964	1.8290	0.56606	16	0.16	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	21.250	0.50000	20.964	1.8290	0.56606	16	0.16	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2124	21.620	0.26000	20.964	1.8290	0.56606	16	0.36	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	22.230	2.0200	20.964	1.8290	0.56606	16	0.69	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	23.000	0.00000	20.964	1.8290	0.56606	16	1.11	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	28.450	0.50000	20.964	1.8290	0.56606	16	4.09	18%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	32.615	2.8900	20.964	1.8290	0.56606	16	6.37	28%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	41.000	8.0000	20.964	1.8290	0.56606	16	10.95	48%	1
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2122	19.620	0.04000	20.714	1.2800	0.12380	5	-0.85	3%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	0039	19.729	0.24500	20.714	1.2800	0.12380	5	-0.77	2%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2114	20.010	0.02000	20.714	1.2800	0.12380	5	-0.55	2%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	0969	22.011	0.11400	20.714	1.2800	0.12380	5	1.01	3%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	22.200	0.20000	20.714	1.2800	0.12380	5	1.16	4%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	0970	19.800	1.6000	20.714	1.2800	0.12380	5	-0.71	2%	1
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0555	20.500	1.0000				1			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2136	19.700	1.0000	21.500	1.3608	0.65000	4	-1.32	4%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2023	21.250	0.30000	21.500	1.3608	0.65000	4	-0.18	1%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	22.250	0.30000	21.500	1.3608	0.65000	4	0.55	2%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	22.800	1.0000	21.500	1.3608	0.65000	4	0.96	3%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	21.000	0.00000				2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	21.500	1.0000				2			0
024.99	Iodine, Miscellaneous (mg / kg (ppm))	0969	2.4675	0.05500				2			0
024.99	Iodine, Miscellaneous (mg / kg (ppm))	2004	2.5900	0.06000				2			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	105.75	4.5000	172.20	13.583	2.9382	12	-4.89	19%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	157.89	3.0280	172.20	13.583	2.9382	12	-1.05	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	163.50	5.2000	172.20	13.583	2.9382	12	-0.64	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	164.00	0.00000	172.20	13.583	2.9382	12	-0.60	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	166.50	1.0000	172.20	13.583	2.9382	12	-0.42	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	170.00	0.00000	172.20	13.583	2.9382	12	-0.16	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	174.00	8.0000	172.20	13.583	2.9382	12	0.13	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	175.44	1.7100	172.20	13.583	2.9382	12	0.24	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	182.50	3.0000	172.20	13.583	2.9382	12	0.76	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0066	184.58	3.8000	172.20	13.583	2.9382	12	0.91	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0904	187.12	3.0200	172.20	13.583	2.9382	12	1.10	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	189.00	2.0000	172.20	13.583	2.9382	12	1.24	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	188.00	30.000	172.20	13.583	2.9382	12	1.16	5%	1
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	171.00	10.000				3			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	183.70	11.400				3			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	238.50	33.000				3			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0504	224.05	35.100				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2114	104.69	0.58000	167.98	12.347	4.7300	29	-5.13	19%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	129.00	2.0000	167.98	12.347	4.7300	29	-3.16	12%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2122	139.45	4.3000	167.98	12.347	4.7300	29	-2.31	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	152.00	2.0000	167.98	12.347	4.7300	29	-1.29	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	154.79	8.1600	167.98	12.347	4.7300	29	-1.07	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	155.94	1.8700	167.98	12.347	4.7300	29	-0.98	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0868	158.50	3.0000	167.98	12.347	4.7300	29	-0.77	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	159.15	2.3000	167.98	12.347	4.7300	29	-0.71	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	159.90	1.0000	167.98	12.347	4.7300	29	-0.65	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0970	160.50	19.000	167.98	12.347	4.7300	29	-0.61	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	163.00	4.0000	167.98	12.347	4.7300	29	-0.40	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	164.00	4.0000	167.98	12.347	4.7300	29	-0.32	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	170.00	6.0000	167.98	12.347	4.7300	29	0.16	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	171.00	0.00000	167.98	12.347	4.7300	29	0.24	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	171.00	4.0000	167.98	12.347	4.7300	29	0.24	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	172.56	2.9700	167.98	12.347	4.7300	29	0.37	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0051	174.00	6.0000	167.98	12.347	4.7300	29	0.49	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	174.65	1.1600	167.98	12.347	4.7300	29	0.54	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	175.00	14.000	167.98	12.347	4.7300	29	0.57	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0004	176.00	4.0000	167.98	12.347	4.7300	29	0.65	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	176.50	5.0000	167.98	12.347	4.7300	29	0.69	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	176.95	5.3000	167.98	12.347	4.7300	29	0.73	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	177.08	3.1300	167.98	12.347	4.7300	29	0.74	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	177.10	0.60000	167.98	12.347	4.7300	29	0.74	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0969	178.62	2.6800	167.98	12.347	4.7300	29	0.86	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0682	179.13	0.00000	167.98	12.347	4.7300	29	0.90	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	179.50	5.0000	167.98	12.347	4.7300	29	0.93	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	181.50	7.5200	167.98	12.347	4.7300	29	1.10	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	184.60	17.600	167.98	12.347	4.7300	29	1.35	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	139.50	3.0000	172.20	15.578	7.8515	17	-2.10	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	150.50	11.000	172.20	15.578	7.8515	17	-1.39	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	159.07	1.2700	172.20	15.578	7.8515	17	-0.84	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	160.15	0.90000	172.20	15.578	7.8515	17	-0.77	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	162.50	3.0000	172.20	15.578	7.8515	17	-0.62	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	165.00	0.00000	172.20	15.578	7.8515	17	-0.46	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	167.75	6.7000	172.20	15.578	7.8515	17	-0.29	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	172.10	1.4000	172.20	15.578	7.8515	17	-0.01	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	173.50	1.0000	172.20	15.578	7.8515	17	0.08	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	173.82	1.8400	172.20	15.578	7.8515	17	0.10	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	177.05	7.3052	172.20	15.578	7.8515	17	0.31	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	178.00	8.0000	172.20	15.578	7.8515	17	0.37	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	178.50	31.000	172.20	15.578	7.8515	17	0.40	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	182.53	4.0600	172.20	15.578	7.8515	17	0.66	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	187.00	10.000	172.20	15.578	7.8515	17	0.95	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2053	200.50	7.0000	172.20	15.578	7.8515	17	1.82	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	234.00	36.000	172.20	15.578	7.8515	17	3.97	18%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	183.50	49.000	172.20	15.578	7.8515	17	0.73	3%	1
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2066	121.00	0.00000	171.24	12.944	3.9483	18	-3.88	15%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0043	143.50	5.0000	171.24	12.944	3.9483	18	-2.14	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	145.50	7.0000	171.24	12.944	3.9483	18	-1.99	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	163.00	2.0000	171.24	12.944	3.9483	18	-0.64	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	165.50	0.00000	171.24	12.944	3.9483	18	-0.44	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	167.00	2.0000	171.24	12.944	3.9483	18	-0.33	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	168.00	2.0000	171.24	12.944	3.9483	18	-0.25	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2124	169.38	0.12000	171.24	12.944	3.9483	18	-0.14	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	171.37	4.2600	171.24	12.944	3.9483	18	0.01	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	172.85	0.50000	171.24	12.944	3.9483	18	0.12	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	175.14	17.350	171.24	12.944	3.9483	18	0.30	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2023	178.00	0.00000	171.24	12.944	3.9483	18	0.52	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2136	178.00	0.00000	171.24	12.944	3.9483	18	0.52	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	180.50	9.0000	171.24	12.944	3.9483	18	0.72	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	182.45	10.300	171.24	12.944	3.9483	18	0.87	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	182.50	7.0000	171.24	12.944	3.9483	18	0.87	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	182.50	1.0000	171.24	12.944	3.9483	18	0.87	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	246.23	3.5400	171.24	12.944	3.9483	18	5.79	22%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0017	155.74	27.839	171.24	12.944	3.9483	18	-1.20	5%	1
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0555	148.00	4.0000				2			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	214.45	25.330				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	190.50	3.0000				1			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0039	166.41	11.258				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	170.00	2.0000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	171.50	5.0000				3			0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.09670	0.00080	0.11462	0.00783	0.00378	14	-2.29	8%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.10750	0.01100	0.11462	0.00783	0.00378	14	-0.91	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0590	0.10935	0.00030	0.11462	0.00783	0.00378	14	-0.67	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.11000	0.00000	0.11462	0.00783	0.00378	14	-0.59	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.11000	0.00000	0.11462	0.00783	0.00378	14	-0.59	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.11025	0.00210	0.11462	0.00783	0.00378	14	-0.56	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.11455	0.00170	0.11462	0.00783	0.00378	14	-0.01	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.11500	0.01000	0.11462	0.00783	0.00378	14	0.05	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0904	0.11500	0.01000	0.11462	0.00783	0.00378	14	0.05	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.11740	0.01000	0.11462	0.00783	0.00378	14	0.36	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.12000	0.00200	0.11462	0.00783	0.00378	14	0.69	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.12000	0.00000	0.11462	0.00783	0.00378	14	0.69	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.12850	0.00500	0.11462	0.00783	0.00378	14	1.77	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.31	Magnesium, AAS, Dry ash (%)	0354	0.14000	0.00000	0.11462	0.00783	0.00378	14	3.24	11%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	1,167.0	26.000	0.11462	0.00783	0.00378	14	148980.65	509032%	3
027.32	Magnesium, AAS, Open vessel (%)	0035	0.11500	0.01000	0.11880	0.00208	0.00255	4	-1.83	2%	0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.11640	0.00020	0.11880	0.00208	0.00255	4	-1.15	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.12000	0.00000	0.11880	0.00208	0.00255	4	0.58	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.12000	0.00000	0.11880	0.00208	0.00255	4	0.58	1%	0
027.33	Magnesium, AAS, Microwave (%)	0504	0.11025	0.00090				1			0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.10000	0.00000	0.11445	0.00751	0.00290	25	-1.92	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.10500	0.01000	0.11445	0.00751	0.00290	25	-1.26	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.10500	0.01000	0.11445	0.00751	0.00290	25	-1.26	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.10550	0.00100	0.11445	0.00751	0.00290	25	-1.19	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.10860	0.00360	0.11445	0.00751	0.00290	25	-0.78	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.11000	0.00000	0.11445	0.00751	0.00290	25	-0.59	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.11000	0.00000	0.11445	0.00751	0.00290	25	-0.59	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0868	0.11000	0.00000	0.11445	0.00751	0.00290	25	-0.59	2%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.11000	0.00000	0.11445	0.00751	0.00290	25	-0.59	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.11200	0.00200	0.11445	0.00751	0.00290	25	-0.33	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.11350	0.00100	0.11445	0.00751	0.00290	25	-0.13	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0051	0.11360	0.00000	0.11445	0.00751	0.00290	25	-0.11	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.11500	0.01000	0.11445	0.00751	0.00290	25	0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.11500	0.01000	0.11445	0.00751	0.00290	25	0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.11500	0.00280	0.11445	0.00751	0.00290	25	0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.11550	0.00100	0.11445	0.00751	0.00290	25	0.14	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.11700	0.00200	0.11445	0.00751	0.00290	25	0.34	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.11975	0.00010	0.11445	0.00751	0.00290	25	0.71	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.12000	0.00000	0.11445	0.00751	0.00290	25	0.74	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.12000	0.00000	0.11445	0.00751	0.00290	25	0.74	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0682	0.12000	0.00000	0.11445	0.00751	0.00290	25	0.74	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.12050	0.00500	0.11445	0.00751	0.00290	25	0.80	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.13000	0.00000	0.11445	0.00751	0.00290	25	2.07	7%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.13900	0.00400	0.11445	0.00751	0.00290	25	3.27	11%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.14500	0.01000	0.11445	0.00751	0.00290	25	4.07	13%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.12000	0.02000	0.11445	0.00751	0.00290	25	0.74	2%	1
027.42	Magnesium, ICP, Open vessel (%)	0045	0.10900	0.00600	0.11820	0.00756	0.00325	19	-1.22	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.10950	0.02100	0.11820	0.00756	0.00325	19	-1.15	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.11000	0.00000	0.11820	0.00756	0.00325	19	-1.08	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.11000	0.00000	0.11820	0.00756	0.00325	19	-1.08	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0555	0.11000	0.00000	0.11820	0.00756	0.00325	19	-1.08	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.11050	0.00100	0.11820	0.00756	0.00325	19	-1.02	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.11500	0.01000	0.11820	0.00756	0.00325	19	-0.42	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.12000	0.00000	0.11820	0.00756	0.00325	19	0.24	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.42	Magnesium, ICP, Open vessel (%)	0202	0.12000	0.00000	0.11820	0.00756	0.00325	19	0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.12000	0.00000	0.11820	0.00756	0.00325	19	0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.12000	0.00000	0.11820	0.00756	0.00325	19	0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.12000	0.00000	0.11820	0.00756	0.00325	19	0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.12000	0.00000	0.11820	0.00756	0.00325	19	0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.12000	0.00000	0.11820	0.00756	0.00325	19	0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.12500	0.01000	0.11820	0.00756	0.00325	19	0.90	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.12500	0.01000	0.11820	0.00756	0.00325	19	0.90	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.12570	0.00020	0.11820	0.00756	0.00325	19	0.99	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.12650	0.00260	0.11820	0.00756	0.00325	19	1.10	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.14265	0.00090	0.11820	0.00756	0.00325	19	3.23	10%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	1,287.0	10.000	0.11820	0.00756	0.00325	19	170170.88	544381%	3
027.43	Magnesium, ICP, Microwave (%)	0043	0.09800	0.00000	0.11446	0.00834	0.00388	17	-1.97	7%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.10000	0.00000	0.11446	0.00834	0.00388	17	-1.73	6%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.10600	0.00200	0.11446	0.00834	0.00388	17	-1.01	4%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.10950	0.00300	0.11446	0.00834	0.00388	17	-0.59	2%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.11000	0.00600	0.11446	0.00834	0.00388	17	-0.53	2%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.11000	0.00000	0.11446	0.00834	0.00388	17	-0.53	2%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.11300	0.00000	0.11446	0.00834	0.00388	17	-0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.11500	0.01000	0.11446	0.00834	0.00388	17	0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.11500	0.01000	0.11446	0.00834	0.00388	17	0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	2136	0.11500	0.01400	0.11446	0.00834	0.00388	17	0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	2124	0.11550	0.00100	0.11446	0.00834	0.00388	17	0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.11850	0.00100	0.11446	0.00834	0.00388	17	0.48	2%	0
027.43	Magnesium, ICP, Microwave (%)	0018	0.11950	0.00700	0.11446	0.00834	0.00388	17	0.60	2%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.12000	0.00000	0.11446	0.00834	0.00388	17	0.66	2%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.12300	0.00200	0.11446	0.00834	0.00388	17	1.02	4%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.12500	0.01000	0.11446	0.00834	0.00388	17	1.26	5%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.13000	0.00000	0.11446	0.00834	0.00388	17	1.86	7%	0
027.43	Magnesium, ICP, Microwave (%)	2066	851.00	0.00000	0.11446	0.00834	0.00388	17	101966.15	371686%	3
027.44	Magnesium, ICP, Dry ash (%)	2114	0.09750	0.00300	0.11142	0.00883	0.00367	7	-1.58	6%	0
027.44	Magnesium, ICP, Dry ash (%)	0970	0.10650	0.01100	0.11142	0.00883	0.00367	7	-0.56	2%	0
027.44	Magnesium, ICP, Dry ash (%)	2122	0.10875	0.00470	0.11142	0.00883	0.00367	7	-0.30	1%	0
027.44	Magnesium, ICP, Dry ash (%)	0969	0.11100	0.00000	0.11142	0.00883	0.00367	7	-0.05	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2023	0.11700	0.00200	0.11142	0.00883	0.00367	7	0.63	3%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.11800	0.00200	0.11142	0.00883	0.00367	7	0.75	3%	0
027.44	Magnesium, ICP, Dry ash (%)	0039	0.12050	0.00300	0.11142	0.00883	0.00367	7	1.03	4%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.12245	0.00330				1			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.11350	0.00300				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.12000	0.00400				2			0
027.99	Magnesium, Miscellaneous (%)	0889	0.09500	0.01000				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			
027.99	Magnesium, Miscellaneous (%)	0242	0.11500	0.01000				3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.13000	0.00000				3			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	15.700	1.8000	21.976	2.2443	0.84985	13	-2.80	14%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	19.030	0.58000	21.976	2.2443	0.84985	13	-1.31	7%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	20.050	0.90000	21.976	2.2443	0.84985	13	-0.86	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	20.630	0.98000	21.976	2.2443	0.84985	13	-0.60	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0590	21.715	0.57000	21.976	2.2443	0.84985	13	-0.12	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	21.985	0.21000	21.976	2.2443	0.84985	13	0.00	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	22.000	0.00000	21.976	2.2443	0.84985	13	0.01	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	22.063	0.08800	21.976	2.2443	0.84985	13	0.04	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	23.250	0.70000	21.976	2.2443	0.84985	13	0.57	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	23.310	2.1200	21.976	2.2443	0.84985	13	0.59	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	23.550	0.10000	21.976	2.2443	0.84985	13	0.70	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	24.500	1.0000	21.976	2.2443	0.84985	13	1.12	6%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	25.000	2.0000	21.976	2.2443	0.84985	13	1.35	7%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	25.000	2.0000	40.105	18.378	0.89450	4	-0.82	19%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	25.045	1.1100	40.105	18.378	0.89450	4	-0.82	19%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	48.000	0.00000	40.105	18.378	0.89450	4	0.43	10%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	2128	62.375	0.46800	40.105	18.378	0.89450	4	1.21	28%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	23.325	2.4900				1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	13.805	0.41000	22.818	1.5574	0.71980	24	-5.79	20%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	20.500	1.0000	22.818	1.5574	0.71980	24	-1.49	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0004	21.500	1.0000	22.818	1.5574	0.71980	24	-0.85	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	21.500	1.0000	22.818	1.5574	0.71980	24	-0.85	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0868	21.500	1.0000	22.818	1.5574	0.71980	24	-0.85	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	21.500	1.0000	22.818	1.5574	0.71980	24	-0.85	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	21.970	1.7800	22.818	1.5574	0.71980	24	-0.54	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	22.000	0.00000	22.818	1.5574	0.71980	24	-0.53	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	22.110	0.04000	22.818	1.5574	0.71980	24	-0.45	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	22.120	0.94000	22.818	1.5574	0.71980	24	-0.45	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	22.235	0.75000	22.818	1.5574	0.71980	24	-0.37	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2122	22.855	1.2900	22.818	1.5574	0.71980	24	0.02	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	22.955	0.09000	22.818	1.5574	0.71980	24	0.09	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	23.000	0.00000	22.818	1.5574	0.71980	24	0.12	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	23.014	0.98510	22.818	1.5574	0.71980	24	0.13	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	23.450	0.90000	22.818	1.5574	0.71980	24	0.41	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	23.605	0.33000	22.818	1.5574	0.71980	24	0.51	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	23.750	0.30000	22.818	1.5574	0.71980	24	0.60	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0051	23.790	0.08000	22.818	1.5574	0.71980	24	0.62	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0682	23.930	0.00000	22.818	1.5574	0.71980	24	0.71	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	24.500	1.0000	22.818	1.5574	0.71980	24	1.08	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	25.050	1.7800	22.818	1.5574	0.71980	24	1.43	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	26.300	0.60000	22.818	1.5574	0.71980	24	2.24	8%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	33.500	1.0000	22.818	1.5574	0.71980	24	6.86	23%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	25.425	3.7700	22.818	1.5574	0.71980	24	1.67	6%	1
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	20.525	0.25000	23.757	1.6135	1.1219	20	-2.00	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	21.500	3.0000	23.757	1.6135	1.1219	20	-1.40	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	21.895	0.77000	23.757	1.6135	1.1219	20	-1.15	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	22.500	1.0000	23.757	1.6135	1.1219	20	-0.78	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	22.550	0.90000	23.757	1.6135	1.1219	20	-0.75	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	22.809	1.0379	23.757	1.6135	1.1219	20	-0.59	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	23.000	0.00000	23.757	1.6135	1.1219	20	-0.47	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	23.500	1.0000	23.757	1.6135	1.1219	20	-0.16	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	23.500	1.0000	23.757	1.6135	1.1219	20	-0.16	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	23.750	3.1000	23.757	1.6135	1.1219	20	0.00	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	23.850	1.1000	23.757	1.6135	1.1219	20	0.06	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	23.950	0.10000	23.757	1.6135	1.1219	20	0.12	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2053	24.150	1.1000	23.757	1.6135	1.1219	20	0.24	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	24.480	0.96000	23.757	1.6135	1.1219	20	0.45	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	24.500	3.0000	23.757	1.6135	1.1219	20	0.46	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	24.800	0.10000	23.757	1.6135	1.1219	20	0.65	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	25.055	0.09000	23.757	1.6135	1.1219	20	0.80	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	25.665	0.11000	23.757	1.6135	1.1219	20	1.18	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	26.500	3.2000	23.757	1.6135	1.1219	20	1.70	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	30.890	0.62000	23.757	1.6135	1.1219	20	4.42	15%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	15.085	0.51000	22.801	3.2504	0.80625	16	-2.37	17%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2066	17.000	0.00000	22.801	3.2504	0.80625	16	-1.78	13%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	20.000	0.00000	22.801	3.2504	0.80625	16	-0.86	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	20.950	0.10000	22.801	3.2504	0.80625	16	-0.57	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	21.000	2.0000	22.801	3.2504	0.80625	16	-0.55	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	22.000	0.00000	22.801	3.2504	0.80625	16	-0.25	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	22.600	0.40000	22.801	3.2504	0.80625	16	-0.06	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	22.600	0.00000	22.801	3.2504	0.80625	16	-0.06	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	23.200	0.00000	22.801	3.2504	0.80625	16	0.12	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	23.395	0.59000	22.801	3.2504	0.80625	16	0.18	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	23.500	1.0000	22.801	3.2504	0.80625	16	0.22	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2124	24.300	1.8800	22.801	3.2504	0.80625	16	0.46	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	24.840	2.2400	22.801	3.2504	0.80625	16	0.63	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	25.300	2.0000	22.801	3.2504	0.80625	16	0.77	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	27.600	1.2000	22.801	3.2504	0.80625	16	1.48	11%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	29.980	0.98000	22.801	3.2504	0.80625	16	2.21	16%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0017	10.040	7.7500	22.801	3.2504	0.80625	16	-3.93	28%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2114	19.035	0.59000	22.286	1.4929	0.92083	6	-2.18	7%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0970	21.350	1.9000	22.286	1.4929	0.92083	6	-0.63	2%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	22.700	0.60000	22.286	1.4929	0.92083	6	0.28	1%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0969	23.007	0.75300	22.286	1.4929	0.92083	6	0.48	2%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0039	23.261	0.18200	22.286	1.4929	0.92083	6	0.65	2%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2023	23.350	1.5000	22.286	1.4929	0.92083	6	0.71	2%	0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0555	24.000	2.0000				1			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	0.00270	0.00000				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	23.000	0.80000				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2136	23.750	0.90000				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	23.000	0.00000				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	25.500	1.0000				2			0
031.01	Phosphorus, Photometric (%)	0948	1.1850	0.01000	1.4564	0.06556	0.02440	43	-4.14	9%	0
031.01	Phosphorus, Photometric (%)	0884	1.3000	0.10000	1.4564	0.06556	0.02440	43	-2.39	5%	0
031.01	Phosphorus, Photometric (%)	0609	1.3150	0.01000	1.4564	0.06556	0.02440	43	-2.16	5%	0
031.01	Phosphorus, Photometric (%)	0552	1.3300	0.04000	1.4564	0.06556	0.02440	43	-1.93	4%	0
031.01	Phosphorus, Photometric (%)	0620	1.3303	0.00740	1.4564	0.06556	0.02440	43	-1.92	4%	0
031.01	Phosphorus, Photometric (%)	0874	1.3635	0.01580	1.4564	0.06556	0.02440	43	-1.42	3%	0
031.01	Phosphorus, Photometric (%)	0233	1.3900	0.06000	1.4564	0.06556	0.02440	43	-1.01	2%	0
031.01	Phosphorus, Photometric (%)	0152	1.3950	0.01000	1.4564	0.06556	0.02440	43	-0.94	2%	0
031.01	Phosphorus, Photometric (%)	2097	1.4030	0.00960	1.4564	0.06556	0.02440	43	-0.81	2%	0
031.01	Phosphorus, Photometric (%)	0689	1.4050	0.03000	1.4564	0.06556	0.02440	43	-0.78	2%	0
031.01	Phosphorus, Photometric (%)	0653	1.4085	0.00300	1.4564	0.06556	0.02440	43	-0.73	2%	0
031.01	Phosphorus, Photometric (%)	0622	1.4096	0.00320	1.4564	0.06556	0.02440	43	-0.71	2%	0
031.01	Phosphorus, Photometric (%)	0885	1.4107	0.01630	1.4564	0.06556	0.02440	43	-0.70	2%	0
031.01	Phosphorus, Photometric (%)	2006	1.4140	0.02200	1.4564	0.06556	0.02440	43	-0.65	1%	0
031.01	Phosphorus, Photometric (%)	0897	1.4350	0.01000	1.4564	0.06556	0.02440	43	-0.33	1%	0
031.01	Phosphorus, Photometric (%)	0623	1.4398	0.01060	1.4564	0.06556	0.02440	43	-0.25	1%	0
031.01	Phosphorus, Photometric (%)	0687	1.4500	0.10000	1.4564	0.06556	0.02440	43	-0.10	0%	0
031.01	Phosphorus, Photometric (%)	0208	1.4525	0.05500	1.4564	0.06556	0.02440	43	-0.06	0%	0
031.01	Phosphorus, Photometric (%)	0142	1.4538	0.01220	1.4564	0.06556	0.02440	43	-0.04	0%	0
031.01	Phosphorus, Photometric (%)	0529	1.4650	0.01000	1.4564	0.06556	0.02440	43	0.13	0%	0
031.01	Phosphorus, Photometric (%)	0651	1.4675	0.00300	1.4564	0.06556	0.02440	43	0.17	0%	0
031.01	Phosphorus, Photometric (%)	0881	1.4690	0.00600	1.4564	0.06556	0.02440	43	0.19	0%	0
031.01	Phosphorus, Photometric (%)	0175	1.4750	0.01000	1.4564	0.06556	0.02440	43	0.28	1%	0
031.01	Phosphorus, Photometric (%)	0683	1.4750	0.01000	1.4564	0.06556	0.02440	43	0.28	1%	0
031.01	Phosphorus, Photometric (%)	0563	1.4754	0.01110	1.4564	0.06556	0.02440	43	0.29	1%	0
031.01	Phosphorus, Photometric (%)	0904	1.4850	0.05000	1.4564	0.06556	0.02440	43	0.44	1%	0
031.01	Phosphorus, Photometric (%)	0629	1.4900	0.02000	1.4564	0.06556	0.02440	43	0.51	1%	0
031.01	Phosphorus, Photometric (%)	0650	1.4900	0.08000	1.4564	0.06556	0.02440	43	0.51	1%	0
031.01	Phosphorus, Photometric (%)	0626	1.4910	0.00400	1.4564	0.06556	0.02440	43	0.53	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 (%)	0018	1.5000	0.00000	1.4564	0.06556	0.02440	43	0.66	1%	0
031.01	Phosphorus, Photometric (%)	0354	1.5000	0.02000	1.4564	0.06556	0.02440	43	0.66	1%	0
031.01	Phosphorus, Photometric (%)	0674	1.5000	0.00000	1.4564	0.06556	0.02440	43	0.66	1%	0
031.01	Phosphorus, Photometric (%)	0937	1.5000	0.00000	1.4564	0.06556	0.02440	43	0.66	1%	0
031.01	Phosphorus, Photometric (%)	0939	1.5000	0.00000	1.4564	0.06556	0.02440	43	0.66	1%	0
031.01	Phosphorus, Photometric (%)	0849	1.5020	0.00400	1.4564	0.06556	0.02440	43	0.70	2%	0
031.01	Phosphorus, Photometric (%)	0868	1.5050	0.01000	1.4564	0.06556	0.02440	43	0.74	2%	0
031.01	Phosphorus, Photometric (%)	0723	1.5076	0.00000	1.4564	0.06556	0.02440	43	0.78	2%	0
031.01	Phosphorus, Photometric (%)	2115	1.5145	0.04300	1.4564	0.06556	0.02440	43	0.89	2%	0
031.01	Phosphorus, Photometric (%)	0035	1.5150	0.05000	1.4564	0.06556	0.02440	43	0.89	2%	0
031.01	Phosphorus, Photometric (%)	0066	1.5300	0.02000	1.4564	0.06556	0.02440	43	1.12	3%	0
031.01	Phosphorus, Photometric (%)	2109	1.5385	0.01300	1.4564	0.06556	0.02440	43	1.25	3%	0
031.01	Phosphorus, Photometric (%)	0940	1.5650	0.09000	1.4564	0.06556	0.02440	43	1.66	4%	0
031.01	Phosphorus, Photometric (%)	0511	1.7250	0.07000	1.4564	0.06556	0.02440	43	4.10	9%	0
031.01	Phosphorus, Photometric (%)	2128	2.8110	0.04600	1.4564	0.06556	0.02440	43	20.66	47%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	1.4950	0.01000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	1.5050	0.01000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	1.5200	0.00000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0036	1.5113	0.03720				3			0
031.03	Phosphorus, Autoanalyzer (%)	0169	1.5300	0.04000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0504	1.5500	0.06000				3			0
031.06	Phosphorus, Hach Method (%)	0138	1.3875	0.00700				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0144	1.3700	0.00000	1.5059	0.08262	0.02820	30	-1.65	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	1.3850	0.01000	1.5059	0.08262	0.02820	30	-1.46	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	1.4050	0.03000	1.5059	0.08262	0.02820	30	-1.22	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	1.4050	0.09000	1.5059	0.08262	0.02820	30	-1.22	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	1.4100	0.00000	1.5059	0.08262	0.02820	30	-1.16	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	1.4300	0.00000	1.5059	0.08262	0.02820	30	-0.92	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0682	1.4600	0.00000	1.5059	0.08262	0.02820	30	-0.56	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	1.4750	0.07000	1.5059	0.08262	0.02820	30	-0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	1.4750	0.01000	1.5059	0.08262	0.02820	30	-0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	1.4800	0.08000	1.5059	0.08262	0.02820	30	-0.31	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	1.4800	0.02000	1.5059	0.08262	0.02820	30	-0.31	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	1.4850	0.01000	1.5059	0.08262	0.02820	30	-0.25	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.4900	0.00000	1.5059	0.08262	0.02820	30	-0.19	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	1.4950	0.03000	1.5059	0.08262	0.02820	30	-0.13	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	1.5050	0.03000	1.5059	0.08262	0.02820	30	-0.01	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0512	1.5090	0.01200	1.5059	0.08262	0.02820	30	0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	1.5100	0.02000	1.5059	0.08262	0.02820	30	0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	1.5100	0.00000	1.5059	0.08262	0.02820	30	0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	1.5100	0.02000	1.5059	0.08262	0.02820	30	0.05	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.41	Phosphorus, ICP, Dry ash (%)	0413	1.5100	0.08000	1.5059	0.08262	0.02820	30	0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	1.5250	0.07000	1.5059	0.08262	0.02820	30	0.23	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	1.5300	0.00000	1.5059	0.08262	0.02820	30	0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	1.5421	0.06630	1.5059	0.08262	0.02820	30	0.44	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	1.5640	0.09400	1.5059	0.08262	0.02820	30	0.70	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0051	1.5824	0.00960	1.5059	0.08262	0.02820	30	0.93	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.6090	0.01800	1.5059	0.08262	0.02820	30	1.25	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	1.6250	0.01000	1.5059	0.08262	0.02820	30	1.44	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	1.6613	0.00920	1.5059	0.08262	0.02820	30	1.88	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.6685	0.00700	1.5059	0.08262	0.02820	30	1.97	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	1.9250	0.05000	1.5059	0.08262	0.02820	30	5.07	14%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	1.3600	0.06000	1.5022	0.11891	0.04390	20	-1.20	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	1.3600	0.02000	1.5022	0.11891	0.04390	20	-1.20	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	1.3750	0.03000	1.5022	0.11891	0.04390	20	-1.07	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	1.4066	0.02900	1.5022	0.11891	0.04390	20	-0.80	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	1.4150	0.17000	1.5022	0.11891	0.04390	20	-0.73	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	1.4200	0.06000	1.5022	0.11891	0.04390	20	-0.69	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	1.4450	0.01000	1.5022	0.11891	0.04390	20	-0.48	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	1.4450	0.01000	1.5022	0.11891	0.04390	20	-0.48	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	1.4450	0.01000	1.5022	0.11891	0.04390	20	-0.48	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	1.4570	0.00800	1.5022	0.11891	0.04390	20	-0.38	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	1.5000	0.06000	1.5022	0.11891	0.04390	20	-0.02	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	1.5300	0.02000	1.5022	0.11891	0.04390	20	0.23	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	1.5350	0.13000	1.5022	0.11891	0.04390	20	0.28	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2110	1.5500	0.10000	1.5022	0.11891	0.04390	20	0.40	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	1.5650	0.01000	1.5022	0.11891	0.04390	20	0.53	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.6105	0.00100	1.5022	0.11891	0.04390	20	0.91	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.6200	0.02000	1.5022	0.11891	0.04390	20	0.99	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	1.6600	0.00000	1.5022	0.11891	0.04390	20	1.33	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	1.6650	0.13000	1.5022	0.11891	0.04390	20	1.37	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	1.6900	0.00000	1.5022	0.11891	0.04390	20	1.58	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	1.4000	0.04000	1.5152	0.06542	0.02707	17	-1.76	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	1.4200	0.00000	1.5152	0.06542	0.02707	17	-1.46	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	1.4440	0.09200	1.5152	0.06542	0.02707	17	-1.09	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	1.4800	0.00000	1.5152	0.06542	0.02707	17	-0.54	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	1.4850	0.01000	1.5152	0.06542	0.02707	17	-0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	1.5050	0.01000	1.5152	0.06542	0.02707	17	-0.16	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	1.5075	0.02100	1.5152	0.06542	0.02707	17	-0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	1.5100	0.04000	1.5152	0.06542	0.02707	17	-0.08	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.5100	0.00000	1.5152	0.06542	0.02707	17	-0.08	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2124	1.5100	0.00000	1.5152	0.06542	0.02707	17	-0.08	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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031.43	Phosphorus, ICP, Microwave (%)	0353	1.5200	0.06000	1.5152	0.06542	0.02707	17	0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	1.5283	0.01920	1.5152	0.06542	0.02707	17	0.20	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	1.5550	0.01000	1.5152	0.06542	0.02707	17	0.61	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	1.5650	0.05000	1.5152	0.06542	0.02707	17	0.76	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	1.5750	0.01000	1.5152	0.06542	0.02707	17	0.91	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	1.6300	0.02000	1.5152	0.06542	0.02707	17	1.75	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.6310	0.07800	1.5152	0.06542	0.02707	17	1.77	4%	0
031.44	Phosphorus, ICP, Dry ash (%)	2114	1.2650	0.01000	1.3994	0.10477	0.04117	6	-1.28	5%	0
031.44	Phosphorus, ICP, Dry ash (%)	0970	1.3150	0.15000	1.3994	0.10477	0.04117	6	-0.81	3%	0
031.44	Phosphorus, ICP, Dry ash (%)	2122	1.4055	0.03700	1.3994	0.10477	0.04117	6	0.06	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2023	1.4500	0.00000	1.3994	0.10477	0.04117	6	0.48	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	0969	1.4510	0.01000	1.3994	0.10477	0.04117	6	0.49	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2004	1.5100	0.04000	1.3994	0.10477	0.04117	6	1.06	4%	0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	1.5286	0.16380				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	1.5000	0.08000				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	1.5000	0.02000				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	2136	1.6550	0.01000				3			0
031.99	Phosphorus, Miscellaneous (%)	0852	0.73000	0.02000	1.2600	0.34607	0.03600	5	-1.53	21%	0
031.99	Phosphorus, Miscellaneous (%)	0889	1.0850	0.01000	1.2600	0.34607	0.03600	5	-0.51	7%	0
031.99	Phosphorus, Miscellaneous (%)	0242	1.4600	0.04000	1.2600	0.34607	0.03600	5	0.58	8%	0
031.99	Phosphorus, Miscellaneous (%)	0100	1.5100	0.04000	1.2600	0.34607	0.03600	5	0.72	10%	0
031.99	Phosphorus, Miscellaneous (%)	0590	1.5150	0.07000	1.2600	0.34607	0.03600	5	0.74	10%	0
032.02	Potassium, Flame Emission (%)	0590	0.72990	0.03980				3			0
032.02	Potassium, Flame Emission (%)	0504	0.79000	0.02000				3			0
032.02	Potassium, Flame Emission (%)	0881	0.79250	0.00300				3			0
032.31	Potassium, AAS, Dry ash (%)	0689	0.60500	0.01000	0.76443	0.07488	0.01929	16	-2.13	10%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.64500	0.03000	0.76443	0.07488	0.01929	16	-1.60	8%	0
032.31	Potassium, AAS, Dry ash (%)	0874	0.66420	0.02720	0.76443	0.07488	0.01929	16	-1.34	7%	0
032.31	Potassium, AAS, Dry ash (%)	0505	0.70500	0.01000	0.76443	0.07488	0.01929	16	-0.79	4%	0
032.31	Potassium, AAS, Dry ash (%)	0629	0.74500	0.01000	0.76443	0.07488	0.01929	16	-0.26	1%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.76315	0.00190	0.76443	0.07488	0.01929	16	-0.02	0%	0
032.31	Potassium, AAS, Dry ash (%)	0354	0.76500	0.01000	0.76443	0.07488	0.01929	16	0.01	0%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.77835	0.00350	0.76443	0.07488	0.01929	16	0.19	1%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.78000	0.02000	0.76443	0.07488	0.01929	16	0.21	1%	0
032.31	Potassium, AAS, Dry ash (%)	0208	0.79100	0.01800	0.76443	0.07488	0.01929	16	0.35	2%	0
032.31	Potassium, AAS, Dry ash (%)	0904	0.79500	0.05000	0.76443	0.07488	0.01929	16	0.41	2%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.80000	0.04000	0.76443	0.07488	0.01929	16	0.47	2%	0
032.31	Potassium, AAS, Dry ash (%)	0175	0.81000	0.02000	0.76443	0.07488	0.01929	16	0.61	3%	0
032.31	Potassium, AAS, Dry ash (%)	2053	0.81000	0.00000	0.76443	0.07488	0.01929	16	0.61	3%	0
032.31	Potassium, AAS, Dry ash (%)	0529	0.84500	0.03000	0.76443	0.07488	0.01929	16	1.08	5%	0
032.31	Potassium, AAS, Dry ash (%)	0066	0.87500	0.02800	0.76443	0.07488	0.01929	16	1.48	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.31	Potassium, AAS, Dry ash (%)	0650	0.84260	0.12380	0.76443	0.07488	0.01929	16	1.04	5%	1
032.32	Potassium, AAS, Open vessel (%)	0169	0.75500	0.01000				3			0
032.32	Potassium, AAS, Open vessel (%)	0609	0.78500	0.01000				3			0
032.32	Potassium, AAS, Open vessel (%)	0035	0.80000	0.02000				3			0
032.41	Potassium, ICP, Dry ash (%)	0720	0.68500	0.01000	0.76906	0.04624	0.01635	27	-1.82	5%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.69000	0.00000	0.76906	0.04624	0.01635	27	-1.71	5%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.71500	0.03000	0.76906	0.04624	0.01635	27	-1.17	4%	0
032.41	Potassium, ICP, Dry ash (%)	0083	0.71550	0.00700	0.76906	0.04624	0.01635	27	-1.16	3%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.72500	0.01000	0.76906	0.04624	0.01635	27	-0.95	3%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.73000	0.04000	0.76906	0.04624	0.01635	27	-0.84	3%	0
032.41	Potassium, ICP, Dry ash (%)	0004	0.74500	0.03000	0.76906	0.04624	0.01635	27	-0.52	2%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.74700	0.03400	0.76906	0.04624	0.01635	27	-0.48	1%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.75000	0.06000	0.76906	0.04624	0.01635	27	-0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	0682	0.75000	0.00000	0.76906	0.04624	0.01635	27	-0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	2012	0.75000	0.02000	0.76906	0.04624	0.01635	27	-0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	0868	0.76000	0.00000	0.76906	0.04624	0.01635	27	-0.20	1%	0
032.41	Potassium, ICP, Dry ash (%)	0413	0.76500	0.03000	0.76906	0.04624	0.01635	27	-0.09	0%	0
032.41	Potassium, ICP, Dry ash (%)	0011	0.76620	0.00740	0.76906	0.04624	0.01635	27	-0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.77400	0.00600	0.76906	0.04624	0.01635	27	0.11	0%	0
032.41	Potassium, ICP, Dry ash (%)	0051	0.77490	0.02600	0.76906	0.04624	0.01635	27	0.13	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.77500	0.01000	0.76906	0.04624	0.01635	27	0.13	0%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.78250	0.00700	0.76906	0.04624	0.01635	27	0.29	1%	0
032.41	Potassium, ICP, Dry ash (%)	0511	0.79500	0.05000	0.76906	0.04624	0.01635	27	0.56	2%	0
032.41	Potassium, ICP, Dry ash (%)	0139	0.79500	0.00000	0.76906	0.04624	0.01635	27	0.56	2%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.80500	0.01000	0.76906	0.04624	0.01635	27	0.78	2%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.80500	0.01000	0.76906	0.04624	0.01635	27	0.78	2%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.81175	0.01150	0.76906	0.04624	0.01635	27	0.92	3%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.82200	0.00400	0.76906	0.04624	0.01635	27	1.14	3%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.82950	0.01860	0.76906	0.04624	0.01635	27	1.31	4%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.88000	0.00000	0.76906	0.04624	0.01635	27	2.40	7%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.0250	0.01000	0.76906	0.04624	0.01635	27	5.53	17%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.73500	0.01000	0.80904	0.04656	0.01231	20	-1.59	5%	0
032.42	Potassium, ICP, Open vessel (%)	0560	0.75650	0.00500	0.80904	0.04656	0.01231	20	-1.13	3%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.76900	0.03200	0.80904	0.04656	0.01231	20	-0.86	2%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.77500	0.01000	0.80904	0.04656	0.01231	20	-0.73	2%	0
032.42	Potassium, ICP, Open vessel (%)	0202	0.78000	0.00000	0.80904	0.04656	0.01231	20	-0.62	2%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.78000	0.02000	0.80904	0.04656	0.01231	20	-0.62	2%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.79000	0.02000	0.80904	0.04656	0.01231	20	-0.41	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	0.79350	0.00500	0.80904	0.04656	0.01231	20	-0.33	1%	0
032.42	Potassium, ICP, Open vessel (%)	0613	0.79500	0.01000	0.80904	0.04656	0.01231	20	-0.30	1%	0
032.42	Potassium, ICP, Open vessel (%)	0187	0.79620	0.00100	0.80904	0.04656	0.01231	20	-0.28	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.42	Potassium, ICP, Open vessel (%)	0555	0.80500	0.03000	0.80904	0.04656	0.01231	20	-0.09	0%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.80515	0.00310	0.80904	0.04656	0.01231	20	-0.08	0%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.81450	0.01500	0.80904	0.04656	0.01231	20	0.12	0%	0
032.42	Potassium, ICP, Open vessel (%)	0366	0.81500	0.01000	0.80904	0.04656	0.01231	20	0.13	0%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.83000	0.00000	0.80904	0.04656	0.01231	20	0.45	1%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.83505	0.00510	0.80904	0.04656	0.01231	20	0.56	2%	0
032.42	Potassium, ICP, Open vessel (%)	2110	0.86500	0.03000	0.80904	0.04656	0.01231	20	1.20	3%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.88000	0.02000	0.80904	0.04656	0.01231	20	1.52	4%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.89000	0.02000	0.80904	0.04656	0.01231	20	1.74	5%	0
032.42	Potassium, ICP, Open vessel (%)	0685	0.95000	0.00000	0.80904	0.04656	0.01231	20	3.03	9%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.95000	0.08000	0.80904	0.04656	0.01231	20	3.03	9%	1
032.43	Potassium, ICP, Microwave (%)	0861	0.72700	0.01400	0.79753	0.04860	0.01288	16	-1.45	4%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.74500	0.01000	0.79753	0.04860	0.01288	16	-1.08	3%	0
032.43	Potassium, ICP, Microwave (%)	0043	0.76500	0.01000	0.79753	0.04860	0.01288	16	-0.67	2%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.76650	0.02300	0.79753	0.04860	0.01288	16	-0.64	2%	0
032.43	Potassium, ICP, Microwave (%)	2124	0.76850	0.00300	0.79753	0.04860	0.01288	16	-0.60	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.77000	0.00000	0.79753	0.04860	0.01288	16	-0.57	2%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.77000	0.02000	0.79753	0.04860	0.01288	16	-0.57	2%	0
032.43	Potassium, ICP, Microwave (%)	2136	0.78600	0.00000	0.79753	0.04860	0.01288	16	-0.24	1%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.79000	0.00000	0.79753	0.04860	0.01288	16	-0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0425	0.80500	0.01000	0.79753	0.04860	0.01288	16	0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.81400	0.00800	0.79753	0.04860	0.01288	16	0.34	1%	0
032.43	Potassium, ICP, Microwave (%)	0017	0.83650	0.03100	0.79753	0.04860	0.01288	16	0.80	2%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.84150	0.01700	0.79753	0.04860	0.01288	16	0.90	3%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.84500	0.01000	0.79753	0.04860	0.01288	16	0.98	3%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.86000	0.02000	0.79753	0.04860	0.01288	16	1.29	4%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.87500	0.03000	0.79753	0.04860	0.01288	16	1.59	5%	0
032.43	Potassium, ICP, Microwave (%)	2066	5,560.0	0.00000	0.79753	0.04860	0.01288	16	114384.30	348528%	2
032.44	Potassium, ICP, Dry ash (%)	2114	0.61500	0.01000	0.76072	0.08263	0.02145	6	-1.76	10%	0
032.44	Potassium, ICP, Dry ash (%)	0970	0.72150	0.06900	0.76072	0.08263	0.02145	6	-0.47	3%	0
032.44	Potassium, ICP, Dry ash (%)	2122	0.77455	0.01470	0.76072	0.08263	0.02145	6	0.17	1%	0
032.44	Potassium, ICP, Dry ash (%)	0969	0.78150	0.00100	0.76072	0.08263	0.02145	6	0.25	1%	0
032.44	Potassium, ICP, Dry ash (%)	2004	0.80550	0.01300	0.76072	0.08263	0.02145	6	0.54	3%	0
032.44	Potassium, ICP, Dry ash (%)	2023	0.84450	0.02100	0.76072	0.08263	0.02145	6	1.01	6%	0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.81065	0.01710				1			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	0.77650	0.05300				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.79300	0.01000				2			0
032.99	Potassium, Miscellaneous (%)	0889	0.48000	0.02000				3			0
032.99	Potassium, Miscellaneous (%)	0100	0.73000	0.00000				3			0
032.99	Potassium, Miscellaneous (%)	0242	0.78500	0.01000				3			0
033.00	Salt as chloride, Sol Cl (%)	0685	0.49500	0.05000	0.77303	0.11376	0.02023	18	-2.44	18%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.00	Salt as chloride, Sol Cl (%)	0881	0.50500	0.01800	0.77303	0.11376	0.02023	18	-2.36	17%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.57500	0.03000	0.77303	0.11376	0.02023	18	-1.74	13%	0
033.00	Salt as chloride, Sol Cl (%)	0674	0.64000	0.00000	0.77303	0.11376	0.02023	18	-1.17	9%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.76155	0.02030	0.77303	0.11376	0.02023	18	-0.10	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.77300	0.01000	0.77303	0.11376	0.02023	18	0.00	0%	0
033.00	Salt as chloride, Sol Cl (%)	0504	0.78000	0.04000	0.77303	0.11376	0.02023	18	0.06	0%	0
033.00	Salt as chloride, Sol Cl (%)	0298	0.79000	0.02000	0.77303	0.11376	0.02023	18	0.15	1%	0
033.00	Salt as chloride, Sol Cl (%)	0868	0.79000	0.02000	0.77303	0.11376	0.02023	18	0.15	1%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.79000	0.02000	0.77303	0.11376	0.02023	18	0.15	1%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.80000	0.00000	0.77303	0.11376	0.02023	18	0.24	2%	0
033.00	Salt as chloride, Sol Cl (%)	0723	0.80000	0.00000	0.77303	0.11376	0.02023	18	0.24	2%	0
033.00	Salt as chloride, Sol Cl (%)	0897	0.81000	0.00000	0.77303	0.11376	0.02023	18	0.32	2%	0
033.00	Salt as chloride, Sol Cl (%)	0309	0.81330	0.00340	0.77303	0.11376	0.02023	18	0.35	3%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.84090	0.02240	0.77303	0.11376	0.02023	18	0.60	4%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.87000	0.04000	0.77303	0.11376	0.02023	18	0.85	6%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.90500	0.07000	0.77303	0.11376	0.02023	18	1.16	9%	0
033.00	Salt as chloride, Sol Cl (%)	0169	0.99000	0.00000	0.77303	0.11376	0.02023	18	1.91	14%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.76000	0.02000	0.85570	0.02915	0.00764	24	-3.28	6%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.82000	0.02000	0.85570	0.02915	0.00764	24	-1.22	2%	0
033.01	Salt as chloride, Poten Cl (%)	0683	0.83000	0.00000	0.85570	0.02915	0.00764	24	-0.88	2%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.83000	0.00000	0.85570	0.02915	0.00764	24	-0.88	2%	0
033.01	Salt as chloride, Poten Cl (%)	2109	0.83100	0.02400	0.85570	0.02915	0.00764	24	-0.85	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.83700	0.00200	0.85570	0.02915	0.00764	24	-0.64	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.84000	0.00000	0.85570	0.02915	0.00764	24	-0.54	1%	0
033.01	Salt as chloride, Poten Cl (%)	0425	0.84000	0.00000	0.85570	0.02915	0.00764	24	-0.54	1%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.84000	0.00000	0.85570	0.02915	0.00764	24	-0.54	1%	0
033.01	Salt as chloride, Poten Cl (%)	0861	0.84000	0.00000	0.85570	0.02915	0.00764	24	-0.54	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.85000	0.02000	0.85570	0.02915	0.00764	24	-0.20	0%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.85000	0.02000	0.85570	0.02915	0.00764	24	-0.20	0%	0
033.01	Salt as chloride, Poten Cl (%)	2023	0.85500	0.01000	0.85570	0.02915	0.00764	24	-0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.86000	0.00000	0.85570	0.02915	0.00764	24	0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.86000	0.00000	0.85570	0.02915	0.00764	24	0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.86000	0.00000	0.85570	0.02915	0.00764	24	0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0629	0.86250	0.00500	0.85570	0.02915	0.00764	24	0.23	0%	0
033.01	Salt as chloride, Poten Cl (%)	0650	0.87000	0.02000	0.85570	0.02915	0.00764	24	0.49	1%	0
033.01	Salt as chloride, Poten Cl (%)	0205	0.87100	0.00400	0.85570	0.02915	0.00764	24	0.52	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.88500	0.01000	0.85570	0.02915	0.00764	24	1.01	2%	0
033.01	Salt as chloride, Poten Cl (%)	0175	0.89500	0.01000	0.85570	0.02915	0.00764	24	1.35	2%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.90500	0.01000	0.85570	0.02915	0.00764	24	1.69	3%	0
033.01	Salt as chloride, Poten Cl (%)	0874	0.90600	0.00840	0.85570	0.02915	0.00764	24	1.73	3%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.92000	0.00000	0.85570	0.02915	0.00764	24	2.21	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			
033.03	Salt as chloride, Quantab (%)	0505	0.70650	0.00700				3			0
033.03	Salt as chloride, Quantab (%)	0144	0.71500	0.05000				3			0
033.03	Salt as chloride, Quantab (%)	0265	0.81000	0.00000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.80500	0.01000				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.82500	0.01000				2			0
033.99	Salt, Miscellaneous (%)	0552	0.74000	0.02000	0.94380	0.25752	0.02000	5	-0.79	11%	0
033.99	Salt, Miscellaneous (%)	2073	0.76000	0.02000	0.94380	0.25752	0.02000	5	-0.71	10%	0
033.99	Salt, Miscellaneous (%)	0681	0.78000	0.00000	0.94380	0.25752	0.02000	5	-0.64	9%	0
033.99	Salt, Miscellaneous (%)	0358	1.1450	0.03000	0.94380	0.25752	0.02000	5	0.78	11%	0
033.99	Salt, Miscellaneous (%)	0017	1.2940	0.03000	0.94380	0.25752	0.02000	5	1.36	19%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0098	0.62700	0.01200				1			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	0.42350	0.03100	0.53838	0.07759	0.02775	4	-1.48	11%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.56000	0.02000	0.53838	0.07759	0.02775	4	0.28	2%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.58000	0.04000	0.53838	0.07759	0.02775	4	0.54	4%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.59000	0.02000	0.53838	0.07759	0.02775	4	0.67	5%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	2114	0.83500	0.01000				1			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	1.8000	0.80000				1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0675	0.39000	0.04000				3			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	0.47860	0.03380				3			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	2124	3.1050	0.01000				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.56250	0.00700	0.65088	0.06965	0.00725	4	-1.27	7%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.63500	0.01000	0.65088	0.06965	0.00725	4	-0.23	1%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.68000	0.00000	0.65088	0.06965	0.00725	4	0.42	2%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.72600	0.01200	0.65088	0.06965	0.00725	4	1.08	6%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0033	0.63000	0.06000	0.79535	0.21879	0.04357	6	-0.76	10%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2136	0.65100	0.01800	0.79535	0.21879	0.04357	6	-0.66	9%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.68800	0.00400	0.79535	0.21879	0.04357	6	-0.49	7%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2023	0.75000	0.10000	0.79535	0.21879	0.04357	6	-0.21	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.93310	0.01940	0.79535	0.21879	0.04357	6	0.63	9%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2058	1.1200	0.06000	0.79535	0.21879	0.04357	6	1.48	20%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0045	0.55850	0.03700	0.58450	0.01802	0.03540	5	-1.44	2%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	0.57500	0.01000	0.58450	0.01802	0.03540	5	-0.53	1%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	2004	0.59150	0.00500	0.58450	0.01802	0.03540	5	0.39	1%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0969	0.59250	0.03500	0.58450	0.01802	0.03540	5	0.44	1%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0555	0.60500	0.09000	0.58450	0.01802	0.03540	5	1.14	2%	0
035.01	Sodium, Ion-selective electrode (%)	2006	0.46250	0.00300	0.52263	0.05244	0.00475	4	-1.15	6%	0
035.01	Sodium, Ion-selective electrode (%)	0881	0.49600	0.00200	0.52263	0.05244	0.00475	4	-0.51	3%	0
035.01	Sodium, Ion-selective electrode (%)	0138	0.55700	0.01200	0.52263	0.05244	0.00475	4	0.66	3%	0
035.01	Sodium, Ion-selective electrode (%)	2109	0.57500	0.00200	0.52263	0.05244	0.00475	4	1.00	5%	0
035.05	Sodium, Flame Emission (%)	0152	0.47000	0.00000	0.49195	0.02327	0.00613	4	-0.94	2%	0
035.05	Sodium, Flame Emission (%)	0066	0.48950	0.00300	0.49195	0.02327	0.00613	4	-0.11	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			
035.05	Sodium, Flame Emission (%)	0504	0.51000	0.02000	0.49195	0.02327	0.00613	4	0.78	2%	0
035.05	Sodium, Flame Emission (%)	0590	0.51635	0.00150	0.49195	0.02327	0.00613	4	1.05	2%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.40000	0.04000	0.49880	0.04250	0.01391	16	-2.32	10%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.46000	0.00000	0.49880	0.04250	0.01391	16	-0.91	4%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.46780	0.00260	0.49880	0.04250	0.01391	16	-0.73	3%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.47500	0.01000	0.49880	0.04250	0.01391	16	-0.56	2%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.47500	0.01000	0.49880	0.04250	0.01391	16	-0.56	2%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.47580	0.00340	0.49880	0.04250	0.01391	16	-0.54	2%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.47810	0.00000	0.49880	0.04250	0.01391	16	-0.49	2%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.48500	0.01000	0.49880	0.04250	0.01391	16	-0.32	1%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.48675	0.04650	0.49880	0.04250	0.01391	16	-0.28	1%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.51000	0.02000	0.49880	0.04250	0.01391	16	0.26	1%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.51000	0.00000	0.49880	0.04250	0.01391	16	0.26	1%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.51250	0.01300	0.49880	0.04250	0.01391	16	0.32	1%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.54500	0.01000	0.49880	0.04250	0.01391	16	1.09	5%	0
035.31	Sodium, AAS, Dry ash (%)	0904	0.55000	0.02000	0.49880	0.04250	0.01391	16	1.20	5%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.55225	0.00010	0.49880	0.04250	0.01391	16	1.26	5%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.59050	0.03700	0.49880	0.04250	0.01391	16	2.16	9%	0
035.31	Sodium, AAS, Dry ash (%)	0683	5.2000	0.04000	0.49880	0.04250	0.01391	16	110.62	471%	2
035.32	Sodium, AAS, Open vessel (%)	0609	0.44500	0.01000				3			0
035.32	Sodium, AAS, Open vessel (%)	0035	0.46500	0.01000				3			0
035.32	Sodium, AAS, Open vessel (%)	0169	0.49500	0.03000				3			0
035.41	Sodium, ICP, Dry ash (%)	2114	0.22500	0.01000	0.49381	0.03239	0.01085	34	-8.30	27%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.45000	0.02000	0.49381	0.03239	0.01085	34	-1.35	4%	0
035.41	Sodium, ICP, Dry ash (%)	0970	0.45400	0.04200	0.49381	0.03239	0.01085	34	-1.23	4%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.45500	0.01000	0.49381	0.03239	0.01085	34	-1.20	4%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.45900	0.00600	0.49381	0.03239	0.01085	34	-1.07	4%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.46500	0.03000	0.49381	0.03239	0.01085	34	-0.89	3%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.46500	0.01000	0.49381	0.03239	0.01085	34	-0.89	3%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.47000	0.00000	0.49381	0.03239	0.01085	34	-0.74	2%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.47000	0.02000	0.49381	0.03239	0.01085	34	-0.74	2%	0
035.41	Sodium, ICP, Dry ash (%)	0682	0.47000	0.00000	0.49381	0.03239	0.01085	34	-0.74	2%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.47850	0.00700	0.49381	0.03239	0.01085	34	-0.47	2%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.48000	0.00000	0.49381	0.03239	0.01085	34	-0.43	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.48500	0.01000	0.49381	0.03239	0.01085	34	-0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.48500	0.03000	0.49381	0.03239	0.01085	34	-0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	2122	0.48945	0.01910	0.49381	0.03239	0.01085	34	-0.13	0%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.49000	0.02000	0.49381	0.03239	0.01085	34	-0.12	0%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.49500	0.01000	0.49381	0.03239	0.01085	34	0.04	0%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.49500	0.00000	0.49381	0.03239	0.01085	34	0.04	0%	0
035.41	Sodium, ICP, Dry ash (%)	0868	0.49500	0.01000	0.49381	0.03239	0.01085	34	0.04	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			
035.41	Sodium, ICP, Dry ash (%)	0011	0.49725	0.00110	0.49381	0.03239	0.01085	34	0.11	0%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.50000	0.00000	0.49381	0.03239	0.01085	34	0.19	1%	0
035.41	Sodium, ICP, Dry ash (%)	0969	0.50200	0.00000	0.49381	0.03239	0.01085	34	0.25	1%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.50400	0.00800	0.49381	0.03239	0.01085	34	0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0039	0.50450	0.00300	0.49381	0.03239	0.01085	34	0.33	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.50730	0.00800	0.49381	0.03239	0.01085	34	0.42	1%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.51400	0.01000	0.49381	0.03239	0.01085	34	0.62	2%	0
035.41	Sodium, ICP, Dry ash (%)	0051	0.51435	0.00090	0.49381	0.03239	0.01085	34	0.63	2%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.51545	0.00390	0.49381	0.03239	0.01085	34	0.67	2%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.52500	0.01000	0.49381	0.03239	0.01085	34	0.96	3%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.54000	0.02000	0.49381	0.03239	0.01085	34	1.43	5%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.55300	0.00600	0.49381	0.03239	0.01085	34	1.83	6%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.55350	0.00100	0.49381	0.03239	0.01085	34	1.84	6%	0
035.41	Sodium, ICP, Dry ash (%)	2023	0.56500	0.01600	0.49381	0.03239	0.01085	34	2.20	7%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.58050	0.02700	0.49381	0.03239	0.01085	34	2.68	9%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.43500	0.01000	0.50024	0.04561	0.01099	18	-1.43	7%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.44000	0.02000	0.50024	0.04561	0.01099	18	-1.32	6%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.44500	0.01000	0.50024	0.04561	0.01099	18	-1.21	6%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.45300	0.03200	0.50024	0.04561	0.01099	18	-1.04	5%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.47350	0.00500	0.50024	0.04561	0.01099	18	-0.59	3%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.48500	0.03400	0.50024	0.04561	0.01099	18	-0.33	2%	0
035.42	Sodium, ICP, Open vessel (%)	0160	0.49500	0.01000	0.50024	0.04561	0.01099	18	-0.11	1%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.49600	0.00040	0.50024	0.04561	0.01099	18	-0.09	0%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.50000	0.00000	0.50024	0.04561	0.01099	18	-0.01	0%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.50335	0.00410	0.50024	0.04561	0.01099	18	0.07	0%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.50800	0.00200	0.50024	0.04561	0.01099	18	0.17	1%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.51000	0.00000	0.50024	0.04561	0.01099	18	0.21	1%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.52000	0.00000	0.50024	0.04561	0.01099	18	0.43	2%	0
035.42	Sodium, ICP, Open vessel (%)	0555	0.52000	0.02000	0.50024	0.04561	0.01099	18	0.43	2%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.54000	0.02000	0.50024	0.04561	0.01099	18	0.87	4%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.55540	0.00040	0.50024	0.04561	0.01099	18	1.21	6%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.56000	0.00000	0.50024	0.04561	0.01099	18	1.31	6%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.56500	0.03000	0.50024	0.04561	0.01099	18	1.42	6%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.43500	0.01000	0.48873	0.03081	0.00873	15	-1.74	5%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.45300	0.00600	0.48873	0.03081	0.00873	15	-1.16	4%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.45500	0.01000	0.48873	0.03081	0.00873	15	-1.09	3%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.46500	0.01000	0.48873	0.03081	0.00873	15	-0.77	2%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.47300	0.00200	0.48873	0.03081	0.00873	15	-0.51	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.48600	0.00400	0.48873	0.03081	0.00873	15	-0.09	0%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.48800	0.01800	0.48873	0.03081	0.00873	15	-0.02	0%	0
035.43	Sodium, ICP, Microwave (%)	2124	0.49200	0.00400	0.48873	0.03081	0.00873	15	0.11	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.43	Sodium, ICP, Microwave (%)	0297	0.49500	0.01000	0.48873	0.03081	0.00873	15	0.20	1%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.49600	0.00200	0.48873	0.03081	0.00873	15	0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	2136	0.50150	0.00300	0.48873	0.03081	0.00873	15	0.41	1%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.50900	0.01200	0.48873	0.03081	0.00873	15	0.66	2%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.51000	0.02000	0.48873	0.03081	0.00873	15	0.69	2%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.53000	0.00000	0.48873	0.03081	0.00873	15	1.34	4%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.54000	0.02000	0.48873	0.03081	0.00873	15	1.66	5%	0
035.43	Sodium, ICP, Microwave (%)	2066	3,610.0	0.00000	0.48873	0.03081	0.00873	15	117158.78	369274%	2
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.51830	0.01340				1			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.49000	0.02400				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.53700	0.03200				2			0
035.99	Sodium, Miscellaneous (%)	0889	0.21000	0.02000	0.38500	0.13172	0.01000	4	-1.33	23%	0
035.99	Sodium, Miscellaneous (%)	2105	0.36000	0.00000	0.38500	0.13172	0.01000	4	-0.19	3%	0
035.99	Sodium, Miscellaneous (%)	0242	0.46500	0.01000	0.38500	0.13172	0.01000	4	0.61	10%	0
035.99	Sodium, Miscellaneous (%)	0100	0.50500	0.01000	0.38500	0.13172	0.01000	4	0.91	16%	0
036.00	Sulfur, Gravimetric (%)	0175	0.63000	0.00000				1			0
036.04	Sulfur, LECO (%)	0229	0.67000	0.08000				3			0
036.04	Sulfur, LECO (%)	0098	0.69500	0.01000				3			0
036.04	Sulfur, LECO (%)	0226	0.73500	0.01000				3			0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.60500	0.01000	0.67442	0.05264	0.01406	20	-1.32	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.62175	0.00010	0.67442	0.05264	0.01406	20	-1.00	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.62350	0.02700	0.67442	0.05264	0.01406	20	-0.97	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.62500	0.03000	0.67442	0.05264	0.01406	20	-0.94	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.63500	0.01000	0.67442	0.05264	0.01406	20	-0.75	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.64160	0.00180	0.67442	0.05264	0.01406	20	-0.62	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.64500	0.01000	0.67442	0.05264	0.01406	20	-0.56	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.65350	0.00100	0.67442	0.05264	0.01406	20	-0.40	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.65545	0.01210	0.67442	0.05264	0.01406	20	-0.36	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.66000	0.00000	0.67442	0.05264	0.01406	20	-0.27	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.66350	0.00900	0.67442	0.05264	0.01406	20	-0.21	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.68000	0.02000	0.67442	0.05264	0.01406	20	0.11	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.68300	0.00600	0.67442	0.05264	0.01406	20	0.16	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0160	0.68335	0.02190	0.67442	0.05264	0.01406	20	0.17	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.71595	0.00230	0.67442	0.05264	0.01406	20	0.79	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.72500	0.01000	0.67442	0.05264	0.01406	20	0.96	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.73000	0.00000	0.67442	0.05264	0.01406	20	1.06	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.73500	0.09000	0.67442	0.05264	0.01406	20	1.15	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.77000	0.00000	0.67442	0.05264	0.01406	20	1.82	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.78000	0.02000	0.67442	0.05264	0.01406	20	2.01	8%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.54500	0.11000	0.67442	0.05264	0.01406	20	-2.46	10%	1
036.43	Sulfur, ICP, Microwave (%)	0353	0.57000	0.06000	0.65970	0.05454	0.02360	9	-1.64	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
036.43	Sulfur, ICP, Microwave (%)	0297	0.62000	0.00000	0.65970	0.05454	0.02360	9	-0.73	3%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.64450	0.00700	0.65970	0.05454	0.02360	9	-0.28	1%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.64800	0.00000	0.65970	0.05454	0.02360	9	-0.21	1%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.65500	0.01000	0.65970	0.05454	0.02360	9	-0.09	0%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.66000	0.03800	0.65970	0.05454	0.02360	9	0.01	0%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.67500	0.01000	0.65970	0.05454	0.02360	9	0.28	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.71540	0.05740	0.65970	0.05454	0.02360	9	1.02	4%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.81500	0.03000	0.65970	0.05454	0.02360	9	2.85	12%	0
036.99	Sulfur, Miscellaneous (%)	0242	0.65500	0.01000				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.73000	0.02000				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	137.97	1.4100	169.05	12.148	3.5563	17	-2.56	9%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	155.50	5.0000	169.05	12.148	3.5563	17	-1.12	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0590	158.92	3.8300	169.05	12.148	3.5563	17	-0.83	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	160.20	0.20000	169.05	12.148	3.5563	17	-0.73	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	161.00	0.00000	169.05	12.148	3.5563	17	-0.66	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0014	164.00	0.00000	169.05	12.148	3.5563	17	-0.42	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	164.00	0.00000	169.05	12.148	3.5563	17	-0.42	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	166.67	2.0500	169.05	12.148	3.5563	17	-0.20	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0646	168.84	3.3300	169.05	12.148	3.5563	17	-0.02	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	169.50	3.0000	169.05	12.148	3.5563	17	0.04	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	170.05	2.1000	169.05	12.148	3.5563	17	0.08	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	170.47	1.1300	169.05	12.148	3.5563	17	0.12	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	178.75	7.5000	169.05	12.148	3.5563	17	0.80	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	179.12	4.5370	169.05	12.148	3.5563	17	0.83	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	181.50	13.000	169.05	12.148	3.5563	17	1.02	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	193.00	10.000	169.05	12.148	3.5563	17	1.97	7%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	193.50	3.3700	169.05	12.148	3.5563	17	2.01	7%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	201.00	26.000	169.05	12.148	3.5563	17	2.63	9%	1
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	2128	172.69	4.6770				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	179.50	5.0000				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	191.00	4.0000				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	180.00	12.200				1			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0848	142.87	0.41000	169.67	9.7516	5.6514	27	-2.75	8%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	145.80	1.2000	169.67	9.7516	5.6514	27	-2.45	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	159.57	1.2700	169.67	9.7516	5.6514	27	-1.04	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	161.50	10.200	169.67	9.7516	5.6514	27	-0.84	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	161.50	3.0000	169.67	9.7516	5.6514	27	-0.84	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	161.63	12.690	169.67	9.7516	5.6514	27	-0.83	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	162.50	3.0000	169.67	9.7516	5.6514	27	-0.74	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	165.00	6.0000	169.67	9.7516	5.6514	27	-0.48	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	165.05	3.9100	169.67	9.7516	5.6514	27	-0.47	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2122	165.25	0.90000	169.67	9.7516	5.6514	27	-0.45	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	166.00	2.0000	169.67	9.7516	5.6514	27	-0.38	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	166.50	7.0100	169.67	9.7516	5.6514	27	-0.33	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	167.00	1.6000	169.67	9.7516	5.6514	27	-0.27	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0051	168.17	0.38000	169.67	9.7516	5.6514	27	-0.15	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0004	170.50	15.000	169.67	9.7516	5.6514	27	0.08	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	170.50	11.000	169.67	9.7516	5.6514	27	0.08	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0682	171.77	0.00000	169.67	9.7516	5.6514	27	0.22	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	172.00	8.0000	169.67	9.7516	5.6514	27	0.24	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	173.60	1.6000	169.67	9.7516	5.6514	27	0.40	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	174.00	4.0000	169.67	9.7516	5.6514	27	0.44	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	175.73	9.7990	169.67	9.7516	5.6514	27	0.62	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	179.46	3.7500	169.67	9.7516	5.6514	27	1.00	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	180.25	0.37000	169.67	9.7516	5.6514	27	1.08	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	182.00	5.6000	169.67	9.7516	5.6514	27	1.26	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	183.00	2.0000	169.67	9.7516	5.6514	27	1.37	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0512	192.05	15.900	169.67	9.7516	5.6514	27	2.29	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	203.00	22.000	169.67	9.7516	5.6514	27	3.42	10%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2129	150.60	3.0000	173.41	15.038	4.0554	20	-1.52	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	156.00	0.00000	173.41	15.038	4.0554	20	-1.16	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	157.30	1.2000	173.41	15.038	4.0554	20	-1.07	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	159.50	9.0000	173.41	15.038	4.0554	20	-0.93	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	166.00	4.0000	173.41	15.038	4.0554	20	-0.49	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	166.24	0.13000	173.41	15.038	4.0554	20	-0.48	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	166.75	11.900	173.41	15.038	4.0554	20	-0.44	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	167.50	1.0000	173.41	15.038	4.0554	20	-0.39	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	168.00	2.0000	173.41	15.038	4.0554	20	-0.36	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	168.38	4.8500	173.41	15.038	4.0554	20	-0.33	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	168.50	25.000	173.41	15.038	4.0554	20	-0.33	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	171.41	2.3387	173.41	15.038	4.0554	20	-0.13	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	180.50	5.0000	173.41	15.038	4.0554	20	0.47	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	181.50	1.0000	173.41	15.038	4.0554	20	0.54	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	185.97	2.0100	173.41	15.038	4.0554	20	0.83	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2053	187.00	4.0000	173.41	15.038	4.0554	20	0.90	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	189.49	0.42000	173.41	15.038	4.0554	20	1.07	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	191.00	4.0000	173.41	15.038	4.0554	20	1.17	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	193.00	0.20000	173.41	15.038	4.0554	20	1.30	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	193.37	0.06000	173.41	15.038	4.0554	20	1.33	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	203.00	26.000	173.41	15.038	4.0554	20	1.97	9%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0685	378.73	1.2500	173.41	15.038	4.0554	20	13.65	59%	2
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2066	109.00	0.00000	167.07	11.948	3.8875	22	-4.86	17%	0

Sample # 201627

## Method Proficiency Testing Report

Issue Date : 08/31/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0017	147.72	25.116	167.07	11.948	3.8875	22	-1.62	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2058	152.38	10.790	167.07	11.948	3.8875	22	-1.23	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	153.50	1.0000	167.07	11.948	3.8875	22	-1.14	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	154.50	1.0000	167.07	11.948	3.8875	22	-1.05	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	160.00	2.0000	167.07	11.948	3.8875	22	-0.59	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	163.81	5.0800	167.07	11.948	3.8875	22	-0.27	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	164.50	1.0000	167.07	11.948	3.8875	22	-0.21	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	168.00	2.0000	167.07	11.948	3.8875	22	0.08	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	168.00	4.0000	167.07	11.948	3.8875	22	0.08	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	168.00	0.00000	167.07	11.948	3.8875	22	0.08	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2124	168.88	1.9600	167.07	11.948	3.8875	22	0.15	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2023	169.50	11.000	167.07	11.948	3.8875	22	0.20	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	169.80	1.2400	167.07	11.948	3.8875	22	0.23	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0028	171.00	4.0000	167.07	11.948	3.8875	22	0.33	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2143	171.25	0.98000	167.07	11.948	3.8875	22	0.35	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	172.50	1.0000	167.07	11.948	3.8875	22	0.45	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	173.50	1.0000	167.07	11.948	3.8875	22	0.54	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	176.60	1.6000	167.07	11.948	3.8875	22	0.80	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	181.50	1.0000	167.07	11.948	3.8875	22	1.21	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	187.91	0.51000	167.07	11.948	3.8875	22	1.74	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	205.40	9.2500	167.07	11.948	3.8875	22	3.21	11%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	190.60	25.200	167.07	11.948	3.8875	22	1.97	7%	1
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2114	151.88	2.7300	167.11	12.791	3.4566	5	-1.19	5%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0970	154.50	9.0000	167.11	12.791	3.4566	5	-0.99	4%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	175.50	1.0000	167.11	12.791	3.4566	5	0.66	3%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0969	175.58	0.91000	167.11	12.791	3.4566	5	0.66	3%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0039	178.12	3.6430	167.11	12.791	3.4566	5	0.86	3%	0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0555	163.50	3.0000				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	171.16	1.7600				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	2136	154.50	5.0000				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	189.00	8.0000				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	197.00	6.0000				3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	160.50	3.0000				3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	172.50	1.0000				3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	188.00	4.0000				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	0.64900	0.14600				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	0.70000	0.00000				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	0.97500	0.17000				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	0.66500	0.07000				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	0.73565	0.08630				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	0.80500	0.01000				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			
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	0.56500	0.15000	0.67511	0.09666	0.05030	5	-1.14	8%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	0.60555	0.07150	0.67511	0.09666	0.05030	5	-0.72	5%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	0.69000	0.02000	0.67511	0.09666	0.05030	5	0.15	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	0.70000	0.00000	0.67511	0.09666	0.05030	5	0.26	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	0.81500	0.01000	0.67511	0.09666	0.05030	5	1.45	10%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.76000	0.02000				1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	0.53850	0.07100	0.66984	0.10440	0.03063	4	-1.26	10%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	0.67185	0.01550	0.66984	0.10440	0.03063	4	0.02	0%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2023	0.67500	0.03000	0.66984	0.10440	0.03063	4	0.05	0%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	0.79400	0.00600	0.66984	0.10440	0.03063	4	1.19	9%	0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	4.6450	0.09000				1			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0555	4.2500	0.10000				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	4.4537	0.17170				1			0
041.52	Vanadium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.95500	0.03000				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.27600	0.00800				1			0
042.00	Chloride, Titrimetric (%)	0297	0.46000	0.00000	0.51150	0.00212	0.00175	4	-24.28	5%	0
042.00	Chloride, Titrimetric (%)	0948	0.51000	0.00000	0.51150	0.00212	0.00175	4	-0.71	0%	0
042.00	Chloride, Titrimetric (%)	2004	0.51300	0.00000	0.51150	0.00212	0.00175	4	0.71	0%	0
042.00	Chloride, Titrimetric (%)	0969	0.51650	0.00700	0.51150	0.00212	0.00175	4	2.36	0%	0
042.02	Chloride, Ion Chromatography (%)	0413	0.47500	0.05000				1			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	1,425.0	90.000				2			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	0969	2,765.0	10.000				2			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	276.50	11.000				2			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0969	295.00	8.0000				2			0
102.02	Niacin, LC (mg / kg (ppm))	0939	26.770	1.9800				2			0
102.02	Niacin, LC (mg / kg (ppm))	0904	219.63	28.090				2			0
102.99	Niacin, Miscellaneous (mg / kg (ppm))	0160	154.50	13.000				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	2134	20.500	1.0000				2			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	22.250	2.1000				2			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0939	22.295	0.67000	31.415	8.0257	1.0500	4	-1.14	15%	0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0904	26.595	3.0300	31.415	8.0257	1.0500	4	-0.60	8%	0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0969	34.550	0.50000	31.415	8.0257	1.0500	4	0.39	5%	0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	2004	37.400	0.00000	31.415	8.0257	1.0500	4	0.75	10%	0
103.99	Pantothenic Acid, Miscellaneous (mg / kg (ppm))	0160	7.3519	0.92680				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	15.950	0.70000				1			0
104.02	Riboflavin, Microbiological, Turbidity (mg / kg (ppm))	2004	22.200	2.4000				2			0
104.02	Riboflavin, Microbiological, Turbidity (mg / kg (ppm))	0969	24.600	0.20000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	12.235	1.5500	15.570	3.0888	1.1250	4	-1.08	11%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0904	14.920	1.3000	15.570	3.0888	1.1250	4	-0.21	2%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0939	15.425	0.65000	15.570	3.0888	1.1250	4	-0.05	0%	0
104.03	Riboflavin, LC (mg / kg (ppm))	2023	19.700	1.0000	15.570	3.0888	1.1250	4	1.34	13%	0

Sample # 201627

## Method Proficiency Testing Report

Issue Date : 08/31/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
105.00	Thiamine, LC (mg / kg (ppm))	0904	30.920	1.2800	38.959	6.6888	1.4354	6	-1.20	10%	0
105.00	Thiamine, LC (mg / kg (ppm))	0939	33.385	1.0900	38.959	6.6888	1.4354	6	-0.83	7%	0
105.00	Thiamine, LC (mg / kg (ppm))	2023	39.050	1.7000	38.959	6.6888	1.4354	6	0.01	0%	0
105.00	Thiamine, LC (mg / kg (ppm))	0629	40.350	0.00000	38.959	6.6888	1.4354	6	0.21	2%	0
105.00	Thiamine, LC (mg / kg (ppm))	0160	43.847	3.6226	38.959	6.6888	1.4354	6	0.73	6%	0
105.00	Thiamine, LC (mg / kg (ppm))	0910	46.200	0.92000	38.959	6.6888	1.4354	6	1.08	9%	0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	38.750	3.5000				1			0
105.99	Thiamine, Miscellaneous (mg / kg (ppm))	2004	29.300	0.00000				2			0
105.99	Thiamine, Miscellaneous (mg / kg (ppm))	0969	32.550	5.9000				2			0
106.01	Vitamin A, UV (KU / kg)	0098	19.200	0.40000				1			0
106.02	Vitamin A, LC (KU / kg)	0905	7.4285	0.11500	13.957	5.0715	1.3947	20	-1.29	23%	0
106.02	Vitamin A, LC (KU / kg)	0051	7.5225	0.25900	13.957	5.0715	1.3947	20	-1.27	23%	0
106.02	Vitamin A, LC (KU / kg)	0941	9.2450	0.45000	13.957	5.0715	1.3947	20	-0.93	17%	0
106.02	Vitamin A, LC (KU / kg)	0227	9.6850	0.41000	13.957	5.0715	1.3947	20	-0.84	15%	0
106.02	Vitamin A, LC (KU / kg)	0004	9.8750	0.57000	13.957	5.0715	1.3947	20	-0.80	15%	0
106.02	Vitamin A, LC (KU / kg)	0563	10.574	0.34070	13.957	5.0715	1.3947	20	-0.67	12%	0
106.02	Vitamin A, LC (KU / kg)	0555	10.850	2.3000	13.957	5.0715	1.3947	20	-0.61	11%	0
106.02	Vitamin A, LC (KU / kg)	0861	12.850	4.3000	13.957	5.0715	1.3947	20	-0.22	4%	0
106.02	Vitamin A, LC (KU / kg)	0969	12.850	0.90000	13.957	5.0715	1.3947	20	-0.22	4%	0
106.02	Vitamin A, LC (KU / kg)	2053	13.150	1.9000	13.957	5.0715	1.3947	20	-0.16	3%	0
106.02	Vitamin A, LC (KU / kg)	0676	13.545	2.3900	13.957	5.0715	1.3947	20	-0.08	1%	0
106.02	Vitamin A, LC (KU / kg)	0910	14.050	0.10000	13.957	5.0715	1.3947	20	0.02	0%	0
106.02	Vitamin A, LC (KU / kg)	2004	14.050	0.30000	13.957	5.0715	1.3947	20	0.02	0%	0
106.02	Vitamin A, LC (KU / kg)	0610	15.950	0.10000	13.957	5.0715	1.3947	20	0.39	7%	0
106.02	Vitamin A, LC (KU / kg)	0970	16.950	2.3000	13.957	5.0715	1.3947	20	0.59	11%	0
106.02	Vitamin A, LC (KU / kg)	0148	18.045	0.47000	13.957	5.0715	1.3947	20	0.81	15%	0
106.02	Vitamin A, LC (KU / kg)	2023	18.450	0.10000	13.957	5.0715	1.3947	20	0.89	16%	0
106.02	Vitamin A, LC (KU / kg)	0689	20.950	1.9000	13.957	5.0715	1.3947	20	1.38	25%	0
106.02	Vitamin A, LC (KU / kg)	2114	22.006	1.2487	13.957	5.0715	1.3947	20	1.59	29%	0
106.02	Vitamin A, LC (KU / kg)	0675	51.840	7.4400	13.957	5.0715	1.3947	20	7.47	136%	0
106.02	Vitamin A, LC (KU / kg)	0904	12,650	340.00	13.957	5.0715	1.3947	20	2491.58	45266%	2
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	2004	97.500	11.000				3			0
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0969	103.50	3.0000				3			0
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	105.00	4.0000				3			0
107.99	Vitamin B12, Miscellaneous (µg / kg (ppb))	0160	56.800	12.800				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	2023	11.830	19.940				1			0
108.02	Vitamin D3, LC (KU / kg)	0610	2.0500	0.10000	7.0850	6.4904	42.723	4	-0.78	36%	0
108.02	Vitamin D3, LC (KU / kg)	0676	4.7950	0.05000	7.0850	6.4904	42.723	4	-0.35	16%	0
108.02	Vitamin D3, LC (KU / kg)	0675	14.410	0.74000	7.0850	6.4904	42.723	4	1.13	52%	0
108.02	Vitamin D3, LC (KU / kg)	0904	2,125.0	170.00	7.0850	6.4904	42.723	4	326.31	14946%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0160	1.6400	0.92000	2.3967	0.29113	0.30500	4	-2.60	16%	0

Sample # 201627

## Method Proficiency Testing Report

Issue Date : 08/31/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
108.99	Vitamin D3, Miscellaneous (KU / kg)	0970	2.1700	0.12000	2.3967	0.29113	0.30500	4	-0.78	5%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	2.2950	0.13000	2.3967	0.29113	0.30500	4	-0.35	2%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0969	2.7250	0.05000	2.3967	0.29113	0.30500	4	1.13	7%	0
109.02	Vitamin E, LC (IU/kg)	0563	36.800	2.4370	169.74	37.526	8.4545	25	-3.54	39%	0
109.02	Vitamin E, LC (IU/kg)	0027	115.43	12.840	169.74	37.526	8.4545	25	-1.45	16%	0
109.02	Vitamin E, LC (IU/kg)	0905	120.00	10.000	169.74	37.526	8.4545	25	-1.33	15%	0
109.02	Vitamin E, LC (IU/kg)	2058	134.43	2.5900	169.74	37.526	8.4545	25	-0.94	10%	0
109.02	Vitamin E, LC (IU/kg)	2053	142.50	35.000	169.74	37.526	8.4545	25	-0.73	8%	0
109.02	Vitamin E, LC (IU/kg)	0676	144.00	5.6000	169.74	37.526	8.4545	25	-0.69	8%	0
109.02	Vitamin E, LC (IU/kg)	0723	148.43	0.00000	169.74	37.526	8.4545	25	-0.57	6%	0
109.02	Vitamin E, LC (IU/kg)	0941	155.94	4.1500	169.74	37.526	8.4545	25	-0.37	4%	0
109.02	Vitamin E, LC (IU/kg)	0590	156.97	0.00000	169.74	37.526	8.4545	25	-0.34	4%	0
109.02	Vitamin E, LC (IU/kg)	0555	158.40	8.8000	169.74	37.526	8.4545	25	-0.30	3%	0
109.02	Vitamin E, LC (IU/kg)	0208	161.26	0.00000	169.74	37.526	8.4545	25	-0.23	2%	0
109.02	Vitamin E, LC (IU/kg)	0861	165.00	30.000	169.74	37.526	8.4545	25	-0.13	1%	0
109.02	Vitamin E, LC (IU/kg)	0098	165.50	15.000	169.74	37.526	8.4545	25	-0.11	1%	0
109.02	Vitamin E, LC (IU/kg)	0610	166.00	0.00000	169.74	37.526	8.4545	25	-0.10	1%	0
109.02	Vitamin E, LC (IU/kg)	2004	170.00	2.0000	169.74	37.526	8.4545	25	0.01	0%	0
109.02	Vitamin E, LC (IU/kg)	2114	177.15	4.4267	169.74	37.526	8.4545	25	0.20	2%	0
109.02	Vitamin E, LC (IU/kg)	2023	179.50	5.0000	169.74	37.526	8.4545	25	0.26	3%	0
109.02	Vitamin E, LC (IU/kg)	0910	181.05	7.5000	169.74	37.526	8.4545	25	0.30	3%	0
109.02	Vitamin E, LC (IU/kg)	0160	194.45	14.300	169.74	37.526	8.4545	25	0.66	7%	0
109.02	Vitamin E, LC (IU/kg)	0904	201.76	3.1900	169.74	37.526	8.4545	25	0.85	9%	0
109.02	Vitamin E, LC (IU/kg)	0148	209.30	8.8000	169.74	37.526	8.4545	25	1.05	12%	0
109.02	Vitamin E, LC (IU/kg)	0227	213.50	15.000	169.74	37.526	8.4545	25	1.17	13%	0
109.02	Vitamin E, LC (IU/kg)	0969	220.50	13.000	169.74	37.526	8.4545	25	1.35	15%	0
109.02	Vitamin E, LC (IU/kg)	0970	223.00	10.000	169.74	37.526	8.4545	25	1.42	16%	0
109.02	Vitamin E, LC (IU/kg)	0675	444.92	1.7300	169.74	37.526	8.4545	25	7.33	81%	0
109.99	Vitamin E, Miscellaneous (IU/kg)	0171	166.00	8.0000				1			0
112.00	Pyridoxine, Vitamin B6 (µg / g)	0904	14.515	2.6500				3			0
112.00	Pyridoxine, Vitamin B6 (µg / g)	0969	16.600	0.20000				3			0
112.00	Pyridoxine, Vitamin B6 (µg / g)	2004	17.950	0.70000				3			0
112.01	Pyridoxine, LC (µg / g)	0939	16.995	1.6900				2			0
112.01	Pyridoxine, LC (µg / g)	0227	18.250	0.50000				2			0
112.99	Pyridoxine, Miscellaneous (µg / g)	0160	5.0800	0.32000				2			0
112.99	Pyridoxine, Miscellaneous (µg / g)	2134	20.400	0.40000				2			0
113.01	Folic Acid, Micro (mg / kg (ppm))	2004	2.7200	0.12000				3			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0969	2.9650	0.19000				3			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	4.5100	0.42000				3			0
113.02	Folic acid, LC (mg / kg (ppm))	0939	3.3400	0.14000				1			0
113.99	Folic acid, Miscellaneous (mg / kg (ppm))	0160	2.2526	0.02220				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			
114.01	Biotin, Microbiological (mg / kg (ppm))	2004	0.53650	0.03500				3			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0969	0.55750	0.05300				3			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.61550	0.02500				3			0
114.99	Biotin, Miscellaneous (mg / kg (ppm))	2134	0.67100	0.16800				2			0
114.99	Biotin, Miscellaneous (mg / kg (ppm))	0160	0.70260	0.01020				2			0
118.01	Peroxide value, Titrimetric Method (meq/kg)	2109	11.970	0.00000				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.9450	0.05000	2.0817	0.04506	0.01608	16	-3.03	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	2.0400	0.00000	2.0817	0.04506	0.01608	16	-0.92	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	2.0415	0.00500	2.0817	0.04506	0.01608	16	-0.89	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	2.0550	0.03000	2.0817	0.04506	0.01608	16	-0.59	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	2.0620	0.00600	2.0817	0.04506	0.01608	16	-0.44	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	2.0650	0.01000	2.0817	0.04506	0.01608	16	-0.37	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	2.0680	0.00600	2.0817	0.04506	0.01608	16	-0.30	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	2.0725	0.00900	2.0817	0.04506	0.01608	16	-0.20	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	2.0760	0.00600	2.0817	0.04506	0.01608	16	-0.13	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	2.0795	0.03500	2.0817	0.04506	0.01608	16	-0.05	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	2.0850	0.01000	2.0817	0.04506	0.01608	16	0.07	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	2.0895	0.01700	2.0817	0.04506	0.01608	16	0.17	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	2.1200	0.02000	2.0817	0.04506	0.01608	16	0.85	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	2.1400	0.00000	2.0817	0.04506	0.01608	16	1.29	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	2.1620	0.00000	2.0817	0.04506	0.01608	16	1.78	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	2.1770	0.05320	2.0817	0.04506	0.01608	16	2.12	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0160	2.3193	0.17340	2.0817	0.04506	0.01608	16	5.27	6%	1
120.01	Alanine, Pre-col OPA Der (%)	0970	2.0950	0.05000				3			0
120.01	Alanine, Pre-col OPA Der (%)	2004	2.1150	0.01000				3			0
120.01	Alanine, Pre-col OPA Der (%)	0969	2.1550	0.01000				3			0
120.02	Alanine, Post-col OPA Der (%)	2023	1.9800	0.02000				2			0
120.02	Alanine, Post-col OPA Der (%)	0098	2.2995	0.03300				2			0
120.05	Alanine, Pre-col AQC Der (%)	0939	1.9650	0.05000				3			0
120.05	Alanine, Pre-col AQC Der (%)	0626	2.0405	0.02100				3			0
120.05	Alanine, Pre-col AQC Der (%)	0676	2.1665	0.01900				3			0
120.99	Alanine, Miscellaneous (%)	0904	2.0600	0.06000				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	2.0100	0.04000	2.1419	0.07814	0.01635	16	-1.69	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	2.0250	0.01000	2.1419	0.07814	0.01635	16	-1.50	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	2.0605	0.03700	2.1419	0.07814	0.01635	16	-1.04	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	2.0716	0.00660	2.1419	0.07814	0.01635	16	-0.90	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	2.1185	0.00100	2.1419	0.07814	0.01635	16	-0.30	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	2.1240	0.00600	2.1419	0.07814	0.01635	16	-0.23	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	2.1300	0.00000	2.1419	0.07814	0.01635	16	-0.15	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	2.1310	0.01600	2.1419	0.07814	0.01635	16	-0.14	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	2.1610	0.00200	2.1419	0.07814	0.01635	16	0.24	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	2.1745	0.00300	2.1419	0.07814	0.01635	16	0.42	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	2.1750	0.05000	2.1419	0.07814	0.01635	16	0.42	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	2.1845	0.00700	2.1419	0.07814	0.01635	16	0.54	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	2.2100	0.02000	2.1419	0.07814	0.01635	16	0.87	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	2.2155	0.01300	2.1419	0.07814	0.01635	16	0.94	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	2.2200	0.02000	2.1419	0.07814	0.01635	16	1.00	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	2.2450	0.03000	2.1419	0.07814	0.01635	16	1.32	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0160	2.1914	0.29760	2.1419	0.07814	0.01635	16	0.63	1%	1
121.01	Arginine, Pre-col OPA Der (%)	2004	2.2250	0.03000				3			0
121.01	Arginine, Pre-col OPA Der (%)	0970	2.3250	0.01000				3			0
121.01	Arginine, Pre-col OPA Der (%)	0969	2.4250	0.01000				3			0
121.02	Arginine, Post-col OPA Der (%)	2023	1.9950	0.03000				2			0
121.02	Arginine, Post-col OPA Der (%)	0098	2.1345	0.04900				2			0
121.05	Arginine, Pre-col AQC Der (%)	0939	1.9450	0.05000				3			0
121.05	Arginine, Pre-col AQC Der (%)	0676	2.3365	0.06100				3			0
121.05	Arginine, Pre-col AQC Der (%)	0626	2.5505	0.00500				3			0
121.99	Arginine, Miscellaneous (%)	0904	2.1150	0.07000				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0160	2.0103	0.08210	2.7205	0.08560	0.02786	17	-8.30	13%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	2.6200	0.08000	2.7205	0.08560	0.02786	17	-1.17	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	2.6250	0.01000	2.7205	0.08560	0.02786	17	-1.12	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	2.6250	0.01000	2.7205	0.08560	0.02786	17	-1.12	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	2.6800	0.02000	2.7205	0.08560	0.02786	17	-0.47	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	2.6895	0.00900	2.7205	0.08560	0.02786	17	-0.36	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	2.6910	0.01000	2.7205	0.08560	0.02786	17	-0.34	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	2.7155	0.00700	2.7205	0.08560	0.02786	17	-0.06	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	2.7160	0.00400	2.7205	0.08560	0.02786	17	-0.05	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	2.7525	0.01900	2.7205	0.08560	0.02786	17	0.37	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	2.7550	0.05000	2.7205	0.08560	0.02786	17	0.40	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	2.7670	0.02200	2.7205	0.08560	0.02786	17	0.54	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	2.7723	0.00860	2.7205	0.08560	0.02786	17	0.60	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	2.7840	0.00200	2.7205	0.08560	0.02786	17	0.74	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	2.8000	0.04000	2.7205	0.08560	0.02786	17	0.93	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	2.8150	0.07000	2.7205	0.08560	0.02786	17	1.10	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	3.7250	0.03000	2.7205	0.08560	0.02786	17	11.73	18%	0
122.01	Aspartic, Pre-col OPA Der (%)	0970	2.7300	0.00000				3			0
122.01	Aspartic, Pre-col OPA Der (%)	2004	2.7650	0.01000				3			0
122.01	Aspartic, Pre-col OPA Der (%)	0969	2.7950	0.03000				3			0
122.02	Aspartic, Post-col OPA Der (%)	2023	2.5400	0.06000				2			0
122.02	Aspartic, Post-col OPA Der (%)	0098	2.8750	0.00400				2			0
122.05	Aspartic, Pre-col AQC Der (%)	0939	2.5600	0.04000				3			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	2.7275	0.00700				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			
122.05	Aspartic, Pre-col AQC Der (%)	0676	2.9620	0.02800				3			0
122.99	Aspartic, Miscellaneous (%)	0904	2.4300	0.16000				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.20500	0.01000	0.34903	0.02070	0.00806	16	-6.96	21%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.31600	0.00200	0.34903	0.02070	0.00806	16	-1.60	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.32400	0.00200	0.34903	0.02070	0.00806	16	-1.21	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.33500	0.01000	0.34903	0.02070	0.00806	16	-0.68	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.34050	0.00500	0.34903	0.02070	0.00806	16	-0.41	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.34150	0.00100	0.34903	0.02070	0.00806	16	-0.36	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.34500	0.01000	0.34903	0.02070	0.00806	16	-0.19	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.35350	0.00100	0.34903	0.02070	0.00806	16	0.22	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.35500	0.01000	0.34903	0.02070	0.00806	16	0.29	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.35745	0.00510	0.34903	0.02070	0.00806	16	0.41	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.35900	0.01000	0.34903	0.02070	0.00806	16	0.48	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.36000	0.00800	0.34903	0.02070	0.00806	16	0.53	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0868	0.36350	0.01300	0.34903	0.02070	0.00806	16	0.70	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0160	0.36550	0.01880	0.34903	0.02070	0.00806	16	0.80	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.37350	0.01300	0.34903	0.02070	0.00806	16	1.18	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.37500	0.01000	0.34903	0.02070	0.00806	16	1.25	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.42000	0.04000	0.34903	0.02070	0.00806	16	3.43	10%	1
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0969	0.31350	0.00300				3			0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0970	0.34400	0.01800				3			0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	2004	0.39900	0.02600				3			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	2023	0.40000	0.00000				2			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.40050	0.02300				2			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.35450	0.01700				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0939	0.36000	0.00000				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0723	0.39720	0.00000				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0904	0.14000	0.00000				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	4.4100	0.02000	4.6137	0.13797	0.04553	17	-1.48	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	4.4500	0.10000	4.6137	0.13797	0.04553	17	-1.19	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	4.4645	0.02100	4.6137	0.13797	0.04553	17	-1.08	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	4.5050	0.03000	4.6137	0.13797	0.04553	17	-0.79	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	4.5050	0.00200	4.6137	0.13797	0.04553	17	-0.79	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	4.5465	0.01300	4.6137	0.13797	0.04553	17	-0.49	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	4.5885	0.10300	4.6137	0.13797	0.04553	17	-0.18	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	4.6040	0.12800	4.6137	0.13797	0.04553	17	-0.07	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	4.6185	0.00300	4.6137	0.13797	0.04553	17	0.03	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	4.6190	0.00200	4.6137	0.13797	0.04553	17	0.04	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	4.6490	0.01000	4.6137	0.13797	0.04553	17	0.26	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0160	4.6840	0.04200	4.6137	0.13797	0.04553	17	0.51	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	4.7250	0.11000	4.6137	0.13797	0.04553	17	0.81	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	4.7250	0.03000	4.6137	0.13797	0.04553	17	0.81	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	4.7330	0.02000	4.6137	0.13797	0.04553	17	0.86	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	4.7850	0.03000	4.6137	0.13797	0.04553	17	1.24	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	5.3550	0.11000	4.6137	0.13797	0.04553	17	5.37	8%	0
125.01	Glutamic, Pre-col OPA Der (%)	2004	4.4850	0.01000				3			0
125.01	Glutamic, Pre-col OPA Der (%)	0970	4.5550	0.01000				3			0
125.01	Glutamic, Pre-col OPA Der (%)	0969	4.6700	0.04000				3			0
125.02	Glutamic, Post-col OPA Der (%)	2023	4.3400	0.06000				2			0
125.02	Glutamic, Post-col OPA Der (%)	0098	4.7325	0.01900				2			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	4.6010	0.01000				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	4.6685	0.03900				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0939	4.7150	0.03000				3			0
125.99	Glutamic, Miscellaneous (%)	0904	4.5600	0.04000				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	2.7300	0.06000	2.9440	0.07313	0.02466	17	-2.93	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	2.8700	0.00000	2.9440	0.07313	0.02466	17	-1.01	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	2.8950	0.01000	2.9440	0.07313	0.02466	17	-0.67	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	2.8960	0.03600	2.9440	0.07313	0.02466	17	-0.66	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	2.9020	0.02000	2.9440	0.07313	0.02466	17	-0.57	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	2.9035	0.00700	2.9440	0.07313	0.02466	17	-0.55	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	2.9145	0.00500	2.9440	0.07313	0.02466	17	-0.40	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	2.9250	0.01000	2.9440	0.07313	0.02466	17	-0.26	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	2.9290	0.00800	2.9440	0.07313	0.02466	17	-0.21	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	2.9340	0.02800	2.9440	0.07313	0.02466	17	-0.14	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	2.9360	0.07800	2.9440	0.07313	0.02466	17	-0.11	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	2.9685	0.00500	2.9440	0.07313	0.02466	17	0.34	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	2.9850	0.01000	2.9440	0.07313	0.02466	17	0.56	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	3.0115	0.05030	2.9440	0.07313	0.02466	17	0.92	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	3.0400	0.02000	2.9440	0.07313	0.02466	17	1.31	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	3.0500	0.06000	2.9440	0.07313	0.02466	17	1.45	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0160	3.3380	0.01190	2.9440	0.07313	0.02466	17	5.39	7%	0
126.01	Glycine, Pre-col OPA Der (%)	0969	2.8250	0.05000				3			0
126.01	Glycine, Pre-col OPA Der (%)	2004	2.9050	0.03000				3			0
126.01	Glycine, Pre-col OPA Der (%)	0970	2.9650	0.01000				3			0
126.02	Glycine, Post-col OPA Der (%)	2023	2.6300	0.14000				2			0
126.02	Glycine, Post-col OPA Der (%)	0098	3.0315	0.04500				2			0
126.05	Glycine, Pre-col AQC Der (%)	0939	2.7800	0.02000				3			0
126.05	Glycine, Pre-col AQC Der (%)	0626	3.0035	0.02700				3			0
126.05	Glycine, Pre-col AQC Der (%)	0676	3.0925	0.00700				3			0
126.99	Glycine, Miscellaneous (%)	0904	3.2350	0.05000				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.67600	0.00000	0.73475	0.06417	0.01386	15	-0.92	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.68750	0.00700	0.73475	0.06417	0.01386	15	-0.74	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.69100	0.00200	0.73475	0.06417	0.01386	15	-0.68	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.69600	0.00600	0.73475	0.06417	0.01386	15	-0.60	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.69650	0.00500	0.73475	0.06417	0.01386	15	-0.60	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.69950	0.00100	0.73475	0.06417	0.01386	15	-0.55	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.70000	0.02000	0.73475	0.06417	0.01386	15	-0.54	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.70580	0.02500	0.73475	0.06417	0.01386	15	-0.45	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.71000	0.02000	0.73475	0.06417	0.01386	15	-0.39	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.73250	0.01100	0.73475	0.06417	0.01386	15	-0.04	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.74000	0.03000	0.73475	0.06417	0.01386	15	0.08	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0160	0.81495	0.06590	0.73475	0.06417	0.01386	15	1.25	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.81650	0.00500	0.73475	0.06417	0.01386	15	1.27	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.82500	0.01000	0.73475	0.06417	0.01386	15	1.41	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.83000	0.00000	0.73475	0.06417	0.01386	15	1.48	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.77500	0.19000	0.73475	0.06417	0.01386	15	0.63	3%	1
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	1.9050	0.01000	0.73475	0.06417	0.01386	15	18.24	80%	2
127.01	Histidine, Pre-col OPA Der (%)	2004	0.56350	0.01100				3			0
127.01	Histidine, Pre-col OPA Der (%)	0969	0.67400	0.02400				3			0
127.01	Histidine, Pre-col OPA Der (%)	0970	0.68750	0.01100				3			0
127.02	Histidine, Post-col OPA Der (%)	2023	0.62500	0.01000				2			0
127.02	Histidine, Post-col OPA Der (%)	0098	0.64950	0.00300				2			0
127.05	Histidine, Pre-col AQC Der (%)	0939	0.62500	0.01000				3			0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.72750	0.00100				3			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.73900	0.03000				3			0
127.99	Histidine, Miscellaneous (%)	0904	0.77000	0.06000				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.99000	0.00000	1.2403	0.06257	0.02334	16	-4.00	10%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	1.1370	0.06800	1.2403	0.06257	0.02334	16	-1.65	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	1.1700	0.04000	1.2403	0.06257	0.02334	16	-1.12	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	1.1805	0.01540	1.2403	0.06257	0.02334	16	-0.96	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	1.2010	0.12000	1.2403	0.06257	0.02334	16	-0.63	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	1.2195	0.00700	1.2403	0.06257	0.02334	16	-0.33	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	1.2470	0.02600	1.2403	0.06257	0.02334	16	0.11	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	1.2600	0.01000	1.2403	0.06257	0.02334	16	0.31	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	1.2605	0.00100	1.2403	0.06257	0.02334	16	0.32	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	1.2650	0.00200	1.2403	0.06257	0.02334	16	0.39	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	1.2800	0.00000	1.2403	0.06257	0.02334	16	0.63	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	1.2850	0.01000	1.2403	0.06257	0.02334	16	0.71	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	1.2890	0.00400	1.2403	0.06257	0.02334	16	0.78	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	1.2950	0.05000	1.2403	0.06257	0.02334	16	0.87	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	1.2950	0.01000	1.2403	0.06257	0.02334	16	0.87	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	1.3050	0.01000	1.2403	0.06257	0.02334	16	1.03	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0160	1.3170	0.27920	1.2403	0.06257	0.02334	16	1.23	3%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
128.01	Isoleucine, Pre-col OPA Der (%)	2004	1.2650	0.01000				3			0
128.01	Isoleucine, Pre-col OPA Der (%)	0969	1.3250	0.01000				3			0
128.01	Isoleucine, Pre-col OPA Der (%)	0970	1.3450	0.01000				3			0
128.02	Isoleucine, Post-col OPA Der (%)	2023	1.0250	0.03000				2			0
128.02	Isoleucine, Post-col OPA Der (%)	0098	1.2425	0.00500				2			0
128.05	Isoleucine, Pre-col AQC Der (%)	0939	1.1550	0.05000				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	1.3140	0.00200				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	1.3600	0.04000				3			0
128.99	Isoleucine, Miscellaneous (%)	0904	1.1850	0.05000				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	2.1200	0.06000	2.2722	0.04495	0.02741	16	-3.39	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	2.1400	0.00000	2.2722	0.04495	0.02741	16	-2.94	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	2.2035	0.01500	2.2722	0.04495	0.02741	16	-1.53	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	2.2600	0.00000	2.2722	0.04495	0.02741	16	-0.27	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	2.2615	0.02900	2.2722	0.04495	0.02741	16	-0.24	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	2.2620	0.02000	2.2722	0.04495	0.02741	16	-0.23	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	2.2625	0.00500	2.2722	0.04495	0.02741	16	-0.22	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	2.2755	0.00300	2.2722	0.04495	0.02741	16	0.07	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	2.2835	0.04500	2.2722	0.04495	0.02741	16	0.25	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	2.2905	0.08300	2.2722	0.04495	0.02741	16	0.41	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	2.2911	0.06650	2.2722	0.04495	0.02741	16	0.42	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	2.2950	0.01000	2.2722	0.04495	0.02741	16	0.51	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	2.3050	0.03000	2.2722	0.04495	0.02741	16	0.73	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	2.3050	0.01000	2.2722	0.04495	0.02741	16	0.73	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	2.3100	0.06000	2.2722	0.04495	0.02741	16	0.84	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	2.3490	0.00200	2.2722	0.04495	0.02741	16	1.71	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0160	2.1613	0.37820	2.2722	0.04495	0.02741	16	-2.47	2%	1
129.01	Leucine, Pre-col OPA Der (%)	2004	2.2650	0.03000				3			0
129.01	Leucine, Pre-col OPA Der (%)	0970	2.2900	0.00000				3			0
129.01	Leucine, Pre-col OPA Der (%)	0969	2.3050	0.01000				3			0
129.02	Leucine, Post-col OPA Der (%)	2023	2.1050	0.03000				2			0
129.02	Leucine, Post-col OPA Der (%)	0098	2.2885	0.02500				2			0
129.05	Leucine, Pre-col AQC Der (%)	0939	2.0900	0.02000				3			0
129.05	Leucine, Pre-col AQC Der (%)	0626	2.3095	0.00900				3			0
129.05	Leucine, Pre-col AQC Der (%)	0676	2.3760	0.08600				3			0
129.99	Leucine, Miscellaneous (%)	0904	2.3700	0.04000				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.74000	0.02000	2.0006	0.07290	0.01753	16	-17.29	32%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.8850	0.03000	2.0006	0.07290	0.01753	16	-1.59	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0160	1.9158	0.02330	2.0006	0.07290	0.01753	16	-1.16	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	1.9640	0.04000	2.0006	0.07290	0.01753	16	-0.50	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	1.9815	0.00900	2.0006	0.07290	0.01753	16	-0.26	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.9880	0.00000	2.0006	0.07290	0.01753	16	-0.17	0%	0

Sample # 201627

## Method Proficiency Testing Report

Issue Date : 08/31/2016

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			
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	2.0005	0.00300	2.0006	0.07290	0.01753	16	0.00	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	2.0009	0.01110	2.0006	0.07290	0.01753	16	0.00	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	2.0110	0.02200	2.0006	0.07290	0.01753	16	0.14	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	2.0125	0.02300	2.0006	0.07290	0.01753	16	0.16	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	2.0130	0.03200	2.0006	0.07290	0.01753	16	0.17	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	2.0200	0.02000	2.0006	0.07290	0.01753	16	0.27	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	2.0345	0.00700	2.0006	0.07290	0.01753	16	0.47	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	2.0850	0.01000	2.0006	0.07290	0.01753	16	1.16	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	2.0900	0.00000	2.0006	0.07290	0.01753	16	1.23	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	2.3450	0.03000	2.0006	0.07290	0.01753	16	4.72	9%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	2.1050	0.09000	2.0006	0.07290	0.01753	16	1.43	3%	1
130.01	L-Lysine, Pre-col OPA Der (%)	0969	1.8550	0.03000				3			0
130.01	L-Lysine, Pre-col OPA Der (%)	2004	1.8650	0.03000				3			0
130.01	L-Lysine, Pre-col OPA Der (%)	0970	1.9600	0.00000				3			0
130.02	L-Lysine, Post-col OPA Der (%)	2023	1.8700	0.08000				2			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	2.1220	0.02000				2			0
130.05	L-Lysine, Pre-col AQC Der (%)	0939	1.8550	0.01000	1.9780	0.11832	0.02100	4	-1.04	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	1.9880	0.00000	1.9780	0.11832	0.02100	4	0.08	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	2.0910	0.00600	1.9780	0.11832	0.02100	4	0.96	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	2.2280	0.06800	1.9780	0.11832	0.02100	4	2.11	6%	0
130.99	L-Lysine, Miscellaneous (%)	0904	1.4050	0.01000				2			0
130.99	L-Lysine, Miscellaneous (%)	2053	2.0100	0.06000				2			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.52500	0.01000	0.64098	0.03845	0.02157	17	-3.02	9%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0160	0.55170	0.07980	0.64098	0.03845	0.02157	17	-2.32	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.59450	0.02100	0.64098	0.03845	0.02157	17	-1.21	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.61150	0.01700	0.64098	0.03845	0.02157	17	-0.77	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.63550	0.00300	0.64098	0.03845	0.02157	17	-0.14	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.63550	0.00500	0.64098	0.03845	0.02157	17	-0.14	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.63800	0.00600	0.64098	0.03845	0.02157	17	-0.08	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.63950	0.01500	0.64098	0.03845	0.02157	17	-0.04	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.63950	0.02500	0.64098	0.03845	0.02157	17	-0.04	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.64500	0.01000	0.64098	0.03845	0.02157	17	0.10	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.65000	0.04000	0.64098	0.03845	0.02157	17	0.23	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.65000	0.02000	0.64098	0.03845	0.02157	17	0.23	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.65600	0.02000	0.64098	0.03845	0.02157	17	0.39	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.66000	0.04000	0.64098	0.03845	0.02157	17	0.49	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.68135	0.01690	0.64098	0.03845	0.02157	17	1.05	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.69500	0.03000	0.64098	0.03845	0.02157	17	1.40	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.75800	0.00800	0.64098	0.03845	0.02157	17	3.04	9%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	0970	0.62350	0.01700				3			0
131.01	Methionine, PAO Pre-col OPA Der (%)	2004	0.62650	0.00500				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			
131.01	Methionine, PAO Pre-col OPA Der (%)	0969	0.76750	0.02300				3			0
131.02	Methionine, PAO Post-col OPA Der (%)	2023	0.56000	0.02000				2			0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.62000	0.00800				2			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0939	0.60500	0.01000				3			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0723	0.67770	0.00000				3			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.72600	0.01600				3			0
131.99	Methionine, Miscellaneous (%)	0904	0.63500	0.05000				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	1.2300	0.04000	1.3254	0.04461	0.02534	17	-2.14	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0160	1.2303	0.05270	1.3254	0.04461	0.02534	17	-2.13	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	1.2800	0.00000	1.3254	0.04461	0.02534	17	-1.02	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	1.2960	0.00800	1.3254	0.04461	0.02534	17	-0.66	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	1.2990	0.01200	1.3254	0.04461	0.02534	17	-0.59	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	1.3050	0.03000	1.3254	0.04461	0.02534	17	-0.46	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	1.3150	0.01600	1.3254	0.04461	0.02534	17	-0.23	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	1.3157	0.03700	1.3254	0.04461	0.02534	17	-0.22	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	1.3325	0.00100	1.3254	0.04461	0.02534	17	0.16	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	1.3370	0.02800	1.3254	0.04461	0.02534	17	0.26	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	1.3400	0.06000	1.3254	0.04461	0.02534	17	0.33	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	1.3450	0.03000	1.3254	0.04461	0.02534	17	0.44	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	1.3500	0.02000	1.3254	0.04461	0.02534	17	0.55	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	1.3610	0.00600	1.3254	0.04461	0.02534	17	0.80	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	1.3740	0.06000	1.3254	0.04461	0.02534	17	1.09	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	1.3740	0.01000	1.3254	0.04461	0.02534	17	1.09	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	1.3900	0.02000	1.3254	0.04461	0.02534	17	1.45	2%	0
132.01	Phenylalanine, Pre-col OPA Der (%)	2004	1.2950	0.01000				3			0
132.01	Phenylalanine, Pre-col OPA Der (%)	0970	1.3450	0.01000				3			0
132.01	Phenylalanine, Pre-col OPA Der (%)	0969	1.3650	0.01000				3			0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	1.2785	0.01700				2			0
132.02	Phenylalanine, Post-col OPA Der (%)	2023	1.3750	0.01000				2			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0939	1.1900	0.06000				3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	1.3415	0.00300				3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	1.3730	0.02400				3			0
132.99	Phenylalanine, Miscellaneous (%)	0904	1.2850	0.03000				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	1.9550	0.13000	2.1601	0.12031	0.04486	17	-1.70	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	2.0050	0.01000	2.1601	0.12031	0.04486	17	-1.29	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	2.0225	0.00300	2.1601	0.12031	0.04486	17	-1.14	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	2.0250	0.11000	2.1601	0.12031	0.04486	17	-1.12	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	2.1215	0.03900	2.1601	0.12031	0.04486	17	-0.32	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	2.1400	0.01400	2.1601	0.12031	0.04486	17	-0.17	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	2.1545	0.03900	2.1601	0.12031	0.04486	17	-0.05	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	2.1590	0.06800	2.1601	0.12031	0.04486	17	-0.01	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
133.00	Proline, Post-col Ninhydrin Der (%)	0684	2.1630	0.00200	2.1601	0.12031	0.04486	17	0.02	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	2.1630	0.01200	2.1601	0.12031	0.04486	17	0.02	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	2.1800	0.08000	2.1601	0.12031	0.04486	17	0.17	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	2.1815	0.01500	2.1601	0.12031	0.04486	17	0.18	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	2.2450	0.09000	2.1601	0.12031	0.04486	17	0.71	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0160	2.2657	0.00430	2.1601	0.12031	0.04486	17	0.88	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	2.2854	0.06630	2.1601	0.12031	0.04486	17	1.04	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	2.2900	0.06000	2.1601	0.12031	0.04486	17	1.08	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	2.3600	0.02000	2.1601	0.12031	0.04486	17	1.66	5%	0
133.04	Proline, Pre-col FMOc Der (%)	2004	2.3050	0.05000				1			0
133.05	Proline, Pre-col AQC Der (%)	0626	2.0510	0.02800				3			0
133.05	Proline, Pre-col AQC Der (%)	0939	2.1200	0.08000				3			0
133.05	Proline, Pre-col AQC Der (%)	0676	2.2755	0.00500				3			0
133.99	Proline, Miscellaneous (%)	0970	2.1250	0.03000	2.3913	0.29601	0.04750	4	-0.90	6%	0
133.99	Proline, Miscellaneous (%)	0969	2.2150	0.07000	2.3913	0.29601	0.04750	4	-0.60	4%	0
133.99	Proline, Miscellaneous (%)	0904	2.4350	0.07000	2.3913	0.29601	0.04750	4	0.15	1%	0
133.99	Proline, Miscellaneous (%)	2023	2.7900	0.02000	2.3913	0.29601	0.04750	4	1.35	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	1.1350	0.01000	1.3025	0.05004	0.02309	17	-3.35	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	1.2350	0.03000	1.3025	0.05004	0.02309	17	-1.35	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	1.2490	0.00400	1.3025	0.05004	0.02309	17	-1.07	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0160	1.2500	0.09580	1.3025	0.05004	0.02309	17	-1.05	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	1.2695	0.04300	1.3025	0.05004	0.02309	17	-0.66	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	1.2755	0.00900	1.3025	0.05004	0.02309	17	-0.54	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	1.3040	0.03200	1.3025	0.05004	0.02309	17	0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	1.3050	0.03000	1.3025	0.05004	0.02309	17	0.05	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	1.3120	0.01600	1.3025	0.05004	0.02309	17	0.19	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	1.3125	0.00500	1.3025	0.05004	0.02309	17	0.20	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	1.3290	0.00000	1.3025	0.05004	0.02309	17	0.53	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	1.3300	0.06000	1.3025	0.05004	0.02309	17	0.55	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	1.3350	0.01000	1.3025	0.05004	0.02309	17	0.65	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	1.3405	0.00500	1.3025	0.05004	0.02309	17	0.76	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	1.3411	0.01280	1.3025	0.05004	0.02309	17	0.77	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	1.3500	0.00000	1.3025	0.05004	0.02309	17	0.95	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	1.5450	0.03000	1.3025	0.05004	0.02309	17	4.84	9%	0
134.01	Serine, Pre-col OPA Der (%)	0970	1.2250	0.01000				3			0
134.01	Serine, Pre-col OPA Der (%)	2004	1.2600	0.02000				3			0
134.01	Serine, Pre-col OPA Der (%)	0969	1.3350	0.03000				3			0
134.02	Serine, Post-col OPA Der (%)	0098	1.2385	0.03300				2			0
134.02	Serine, Post-col OPA Der (%)	2023	1.2800	0.04000				2			0
134.05	Serine, Pre-col AQC Der (%)	0939	1.2100	0.02000				3			0
134.05	Serine, Pre-col AQC Der (%)	0626	1.3155	0.02100				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
134.05	Serine, Pre-col AQC Der (%)	0676	1.3450	0.05000				3			0
134.99	Serine, Miscellaneous (%)	0904	1.4200	0.10000				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	1.1800	0.00000	1.2492	0.04680	0.01715	16	-1.48	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	1.1900	0.02000	1.2492	0.04680	0.01715	16	-1.27	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	1.1950	0.01000	1.2492	0.04680	0.01715	16	-1.16	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	1.2150	0.01000	1.2492	0.04680	0.01715	16	-0.73	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	1.2215	0.05500	1.2492	0.04680	0.01715	16	-0.59	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	1.2270	0.00000	1.2492	0.04680	0.01715	16	-0.47	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	1.2360	0.00400	1.2492	0.04680	0.01715	16	-0.28	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	1.2435	0.02300	1.2492	0.04680	0.01715	16	-0.12	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	1.2600	0.00600	1.2492	0.04680	0.01715	16	0.23	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	1.2700	0.02000	1.2492	0.04680	0.01715	16	0.44	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	1.2840	0.00600	1.2492	0.04680	0.01715	16	0.74	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	1.2855	0.00500	1.2492	0.04680	0.01715	16	0.78	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	1.2900	0.04000	1.2492	0.04680	0.01715	16	0.87	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	1.2900	0.02000	1.2492	0.04680	0.01715	16	0.87	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	1.2925	0.04300	1.2492	0.04680	0.01715	16	0.92	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	1.3075	0.01240	1.2492	0.04680	0.01715	16	1.25	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0160	1.4138	0.18280	1.2492	0.04680	0.01715	16	3.52	7%	1
135.01	Threonine, Pre-col OPA Der (%)	0970	1.2350	0.01000				3			0
135.01	Threonine, Pre-col OPA Der (%)	2004	1.2650	0.01000				3			0
135.01	Threonine, Pre-col OPA Der (%)	0969	1.2950	0.01000				3			0
135.02	Threonine, Post-col OPA Der (%)	2023	1.1650	0.03000				2			0
135.02	Threonine, Post-col OPA Der (%)	0098	1.2665	0.00300				2			0
135.05	Threonine, Pre-col AQC Der (%)	0939	1.1450	0.01000				3			0
135.05	Threonine, Pre-col AQC Der (%)	0626	1.2700	0.00600				3			0
135.05	Threonine, Pre-col AQC Der (%)	0676	1.3180	0.06200				3			0
135.99	Threonine, Miscellaneous (%)	0904	1.2350	0.01000				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.27920	0.01140	0.33322	0.04329	0.01127	6	-1.25	8%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.31200	0.00000	0.33322	0.04329	0.01127	6	-0.49	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0160	0.33110	0.02220	0.33322	0.04329	0.01127	6	-0.05	0%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.33750	0.01700	0.33322	0.04329	0.01127	6	0.10	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.34500	0.01000	0.33322	0.04329	0.01127	6	0.27	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.39450	0.00700	0.33322	0.04329	0.01127	6	1.42	9%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2134	0.25500	0.00200	0.30213	0.03689	0.00275	4	-1.28	8%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.30150	0.00300	0.30213	0.03689	0.00275	4	-0.02	0%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.30700	0.00400	0.30213	0.03689	0.00275	4	0.13	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.34500	0.00200	0.30213	0.03689	0.00275	4	1.16	7%	0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	2023	0.24000	0.00000				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.31800	0.00200				2			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.32000	0.00200				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			
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.33650	0.00100				2			0
136.99	Tryptophan, Miscellaneous (%)	0904	0.23500	0.03000	0.28825	0.03799	0.01450	4	-1.40	9%	0
136.99	Tryptophan, Miscellaneous (%)	0969	0.29450	0.01500	0.28825	0.03799	0.01450	4	0.16	1%	0
136.99	Tryptophan, Miscellaneous (%)	2004	0.29850	0.00300	0.28825	0.03799	0.01450	4	0.27	2%	0
136.99	Tryptophan, Miscellaneous (%)	0504	0.32500	0.01000	0.28825	0.03799	0.01450	4	0.97	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.73500	0.03000	0.92765	0.07800	0.02206	12	-2.47	10%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.85500	0.05000	0.92765	0.07800	0.02206	12	-0.93	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.88000	0.00000	0.92765	0.07800	0.02206	12	-0.61	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.88365	0.02970	0.92765	0.07800	0.02206	12	-0.56	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.90650	0.02100	0.92765	0.07800	0.02206	12	-0.27	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.91500	0.03000	0.92765	0.07800	0.02206	12	-0.16	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.92850	0.03500	0.92765	0.07800	0.02206	12	0.01	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.93900	0.00000	0.92765	0.07800	0.02206	12	0.15	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.94350	0.00700	0.92765	0.07800	0.02206	12	0.20	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	1.0150	0.01200	0.92765	0.07800	0.02206	12	1.12	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	1.0150	0.01000	0.92765	0.07800	0.02206	12	1.12	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	1.0400	0.04000	0.92765	0.07800	0.02206	12	1.44	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0160	1.0358	0.17080	0.92765	0.07800	0.02206	12	1.39	6%	1
137.01	Tyrosine, Pre-col OPA Der (%)	2004	1.0150	0.01000				3			0
137.01	Tyrosine, Pre-col OPA Der (%)	0970	1.0200	0.00000				3			0
137.01	Tyrosine, Pre-col OPA Der (%)	0969	1.0700	0.02000				3			0
137.02	Tyrosine, Post-col OPA Der (%)	2023	0.66500	0.01000				2			0
137.02	Tyrosine, Post-col OPA Der (%)	0098	1.1585	0.01100				2			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.94200	0.01200				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0939	1.0350	0.01000				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	1.1005	0.01900				3			0
137.99	Tyrosine, Miscellaneous (%)	0904	0.95500	0.01000				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0160	1.0911	0.02500	1.4817	0.11331	0.02618	17	-3.45	13%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	1.2400	0.02000	1.4817	0.11331	0.02618	17	-2.13	8%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	1.3545	0.09100	1.4817	0.11331	0.02618	17	-1.12	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	1.3550	0.01000	1.4817	0.11331	0.02618	17	-1.12	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	1.4179	0.00700	1.4817	0.11331	0.02618	17	-0.56	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	1.4530	0.02000	1.4817	0.11331	0.02618	17	-0.25	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	1.4715	0.07700	1.4817	0.11331	0.02618	17	-0.09	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	1.5105	0.00900	1.4817	0.11331	0.02618	17	0.25	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	1.5135	0.00700	1.4817	0.11331	0.02618	17	0.28	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	1.5250	0.01000	1.4817	0.11331	0.02618	17	0.38	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.5280	0.01000	1.4817	0.11331	0.02618	17	0.41	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.5400	0.00000	1.4817	0.11331	0.02618	17	0.51	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	1.5440	0.01000	1.4817	0.11331	0.02618	17	0.55	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.5515	0.00900	1.4817	0.11331	0.02618	17	0.62	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
138.00	Valine, Post-col Ninhydrin Der (%)	0227	1.5600	0.04000	1.4817	0.11331	0.02618	17	0.69	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	1.5900	0.02000	1.4817	0.11331	0.02618	17	0.96	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	1.6800	0.08000	1.4817	0.11331	0.02618	17	1.75	7%	0
138.01	Valine, Pre-col OPA Der (%)	2004	1.5200	0.00000				3			0
138.01	Valine, Pre-col OPA Der (%)	0969	1.5650	0.01000				3			0
138.01	Valine, Pre-col OPA Der (%)	0970	1.6750	0.01000				3			0
138.02	Valine, Post-col OPA Der (%)	2023	1.1950	0.01000				2			0
138.02	Valine, Post-col OPA Der (%)	0098	1.5663	0.02140				2			0
138.05	Valine, Pre-col AQC Der (%)	0939	1.4500	0.02000				3			0
138.05	Valine, Pre-col AQC Der (%)	0626	1.6295	0.00100				3			0
138.05	Valine, Pre-col AQC Der (%)	0676	1.7130	0.06400				3			0
138.99	Valine, Miscellaneous (%)	0904	1.4650	0.03000				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0644	0.15100	0.00000	0.21550	0.06827	0.01367	6	-0.94	15%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0970	0.16500	0.00000	0.21550	0.06827	0.01367	6	-0.74	12%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0171	0.18500	0.03000	0.21550	0.06827	0.01367	6	-0.45	7%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0969	0.21700	0.00200	0.21550	0.06827	0.01367	6	0.02	0%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.28000	0.02000	0.21550	0.06827	0.01367	6	0.94	15%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.29500	0.03000	0.21550	0.06827	0.01367	6	1.16	18%	0
139.01	Taurine, Pre-col OPA Der (%)	2004	0.21650	0.00300				1			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.19200	0.00000				1			0
139.03	Taurine, Pre-col Dansyl Cl Der (%)	0939	0.10500	0.01000				2			0
139.03	Taurine, Pre-col Dansyl Cl Der (%)	0160	0.14135	0.00110				2			0
139.05	Taurine, Pre-col AQC Der (%)	0027	0.16050	0.00500				2			0
139.05	Taurine, Pre-col AQC Der (%)	0676	0.19000	0.00000				2			0
139.99	Taurine, Miscellaneous (%)	2058	0.11255	0.00370				2			0
139.99	Taurine, Miscellaneous (%)	0904	0.17500	0.01000				2			0
160.99	Fructose, Miscellaneous (%)	2004	0.05125	0.00290				2			0
160.99	Fructose, Miscellaneous (%)	0619	0.07450	0.00500				2			0
160.99	Fructose, Miscellaneous (%)	0861	0.00000	0.00000				2			4
160.99	Fructose, Miscellaneous (%)	0969	0.00000	0.00000				2			4
160.99	Fructose, Miscellaneous (%)	0970	0.00000	0.00000				2			4
161.99	Galactose, Miscellaneous (%)	2004	0.00810	0.00060				1			0
161.99	Galactose, Miscellaneous (%)	0969	0.00000	0.00000				1			4
161.99	Galactose, Miscellaneous (%)	0970	0.00000	0.00000				1			4
162.99	Glucose, Miscellaneous (%)	2004	0.03380	0.00100				2			0
162.99	Glucose, Miscellaneous (%)	0619	0.05850	0.00100				2			0
162.99	Glucose, Miscellaneous (%)	0861	0.00000	0.00000				2			4
162.99	Glucose, Miscellaneous (%)	0969	0.00000	0.00000				2			4
162.99	Glucose, Miscellaneous (%)	0970	0.00000	0.00000				2			4
163.99	Lactose, Miscellaneous (%)	0619	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0861	0.00000	0.00000				0			4

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
163.99	Lactose, Miscellaneous (%)	0969	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0970	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	2004	0.00000	0.00000				0			4
164.99	Maltose, Miscellaneous (%)	2004	0.13550	0.00100				1			0
164.99	Maltose, Miscellaneous (%)	0861	0.00000	0.00000				1			4
164.99	Maltose, Miscellaneous (%)	0969	0.00000	0.00000				1			4
164.99	Maltose, Miscellaneous (%)	0970	0.00000	0.00000				1			4
165.99	Sucrose, Miscellaneous (%)	0619	0.42000	0.01000	0.46767	0.04115	0.00683	6	-1.16	5%	0
165.99	Sucrose, Miscellaneous (%)	0227	0.42500	0.01000	0.46767	0.04115	0.00683	6	-1.04	5%	0
165.99	Sucrose, Miscellaneous (%)	0723	0.47450	0.00000	0.46767	0.04115	0.00683	6	0.17	1%	0
165.99	Sucrose, Miscellaneous (%)	2004	0.48650	0.02100	0.46767	0.04115	0.00683	6	0.46	2%	0
165.99	Sucrose, Miscellaneous (%)	0969	0.50000	0.00000	0.46767	0.04115	0.00683	6	0.79	3%	0
165.99	Sucrose, Miscellaneous (%)	0970	0.50000	0.00000	0.46767	0.04115	0.00683	6	0.79	3%	0
165.99	Sucrose, Miscellaneous (%)	0861	0.45000	0.10000	0.46767	0.04115	0.00683	6	-0.43	2%	1
166.99	Raffinose, Miscellaneous (%)	0619	0.12100	0.00000				1			0
167.99	Stachyose, Miscellaneous (%)	0619	0.11950	0.00500				1			0
400.01	Water activity, Aqualab chilled mirror (Units)	0843	0.39150	0.00100	0.42714	0.03936	0.00682	6	-0.91	4%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.40200	0.01200	0.42714	0.03936	0.00682	6	-0.64	3%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0407	0.41640	0.00180	0.42714	0.03936	0.00682	6	-0.27	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.41850	0.00900	0.42714	0.03936	0.00682	6	-0.22	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	2109	0.44825	0.00190	0.42714	0.03936	0.00682	6	0.54	2%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.49050	0.01520	0.42714	0.03936	0.00682	6	1.61	7%	0
400.99	Water activity, Miscellaneous (Units)	0843	0.39000	0.00400				3			0
400.99	Water activity, Miscellaneous (Units)	2083	0.40700	0.01600				3			0
400.99	Water activity, Miscellaneous (Units)	2073	0.42200	0.01000				3			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.09500	0.01000				1			0
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	2124	0.44500	0.29000				1			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.18500	0.01000				1			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.08795	0.00070	0.11519	0.01637	0.01214	5	-1.66	12%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.11350	0.01100	0.11519	0.01637	0.01214	5	-0.10	1%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0164	0.12200	0.01000	0.11519	0.01637	0.01214	5	0.42	3%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.12200	0.01000	0.11519	0.01637	0.01214	5	0.42	3%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.13050	0.02900	0.11519	0.01637	0.01214	5	0.94	7%	0
516.99	Arsenic, total, Miscellaneous (mg / kg (ppm))	0045	0.05750	0.00300				1			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0619	0.01850	0.00900				3			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0011	0.04050	0.01300				3			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.05000	0.00000				3			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	2124	0.07350	0.02700				1			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0164	0.03750	0.00300	0.04244	0.00493	0.00336	5	-1.00	6%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.03750	0.00300	0.04244	0.00493	0.00336	5	-1.00	6%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.04250	0.00700	0.04244	0.00493	0.00336	5	0.01	0%	0

Sample # 201627

## Method Proficiency Testing Report

Issue Date : 08/31/2016

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			
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.04700	0.00180	0.04244	0.00493	0.00336	5	0.92	5%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.04770	0.00200	0.04244	0.00493	0.00336	5	1.07	6%	0
520.31	Chromium, AAS, Dry ash (mg / kg (ppm))	0904	0.63000	0.02000				2			0
520.31	Chromium, AAS, Dry ash (mg / kg (ppm))	0529	15.900	4.8000				2			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0619	2.2750	0.13000				3			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0011	2.3160	0.47000				3			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	3.6500	0.10000				3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	3.6000	0.06000				1			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.3500	0.50000				1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	2.0545	0.06180				2			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2023	3.3100	0.28000				2			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.26000	0.04000				1			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0619	0.05350	0.10700				1			4
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.28000	0.02000				1			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0164	0.24500	0.00800	0.26858	0.02288	0.01748	5	-1.03	4%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.24500	0.00800	0.26858	0.02288	0.01748	5	-1.03	4%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.27350	0.00300	0.26858	0.02288	0.01748	5	0.22	1%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.28400	0.04400	0.26858	0.02288	0.01748	5	0.67	3%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.29540	0.02440	0.26858	0.02288	0.01748	5	1.17	5%	0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0011	1.3345	0.05100				2			0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	2.1000	0.00000				2			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.0500	0.30000				1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	1.2195	0.14730				3			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	2023	1.7100	0.20000				3			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	1.9700	0.16000				3			0
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.04100	0.00400				1			0
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0619	0.03200	0.00200				1			0
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hy	0619	0.02000	0.00200				1			0
708.01	Capric acid (10:0), Direct Methylation by Alkali Hyc	0619	0.02050	0.00100				1			0
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hyc	0619	0.03750	0.00300				1			0
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	0676	0.01350	0.00100				2			0
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	2124	0.01450	0.00100				2			0
714.01	Myristic Acid (14:0) , Direct Methylation by Alkali H	0619	0.08250	0.00500				1			0
714.99	Myristic Acid (14:0) , Miscellaneous (%) (w/w)	2124	0.09500	0.00000				1			0
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali H	0619	3.0700	0.04000				1			0
716.99	Palmitic Acid (16:0), Miscellaneous (%) (w/w)	2124	3.2440	0.03600				1			0
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by A	0619	0.62000	0.02400				1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w)	0676	0.65050	0.00700				2			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w)	2124	0.72350	0.00700				2			0
720.99	Margaric acid (17:0), Miscellaneous (%) (w/w)	2124	0.02200	0.00000				1			0
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hy	0619	0.59450	0.00300				1			0

Sample # 201627

## Method Proficiency Testing Report

Issue Date : 08/31/2016

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			
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	2124	0.88400	0.01400				1			0
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali F	0619	4.3500	0.02000				1			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	2124	5.0470	0.05000				1			0
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by	0619	2.7550	0.03000				1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/	2124	3.1860	0.03200				2			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/	0676	3.4005	0.03700				2			0
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Met	0619	0.27650	0.00500				1			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellane	0171	0.34100	0.00200				3			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellane	0676	0.49050	0.00700				3			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellane	2124	0.50500	0.00600				3			0
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali	0619	0.08650	0.00700				1			0
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	2124	0.02050	0.00100				1			0
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alk	0619	0.08450	0.00500				1			0
736.01	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Metl	0619	0.00000	0.00000				0			4
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellane	0171	0.07200	0.00600				2			0
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellane	0676	0.14350	0.00500				2			0
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation	0619	0.08900	0.00400				1			0
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-2l	0619	0.00000	0.00000				0			4
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-2l	0676	0.01100	0.00000				2			0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-2l	2124	0.01250	0.00100				2			0
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkal	0619	0.00000	0.00000				0			4
746.01	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c	0619	0.00000	0.00000				0			4
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c	0676	0.00900	0.00000				2			0
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c	0171	0.00950	0.00300				2			0
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	2124	0.01000	0.00000				1			0
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,1	0619	0.00000	0.00000				0			4
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,1	0676	0.01700	0.00000				2			0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,1	2124	0.01900	0.00000				2			0
752.01	Nervonic Acid (24:1) isomers, Direct Methylation b	0619	0.00000	0.00000				0			4
754.01	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0619	0.36550	0.00900				2			0
754.01	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0904	3.6400	0.14000				2			0
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0610	0.50000	0.00000				1			0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0171	0.35050	0.00100	0.41263	0.04325	0.00220	5	-1.44	8%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0941	0.42000	0.00000	0.41263	0.04325	0.00220	5	0.17	1%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	2114	0.43000	0.00000	0.41263	0.04325	0.00220	5	0.40	2%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0629	0.45000	0.00000	0.41263	0.04325	0.00220	5	0.86	5%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0676	0.52500	0.01000	0.41263	0.04325	0.00220	5	2.60	14%	0
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0904	23.965	0.37000				1			0
756.02	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0610	3.6000	0.20000				1			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0171	2.7390	0.00600	3.0935	0.28034	0.01120	5	-1.26	6%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	2114	3.0000	0.00000	3.0935	0.28034	0.01120	5	-0.33	2%	0

Sample # 201627

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756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0941	3.2950	0.00000	3.0935	0.28034	0.01120	5	0.72	3%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0629	3.3400	0.00000	3.0935	0.28034	0.01120	5	0.88	4%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0676	3.6350	0.05000	3.0935	0.28034	0.01120	5	1.93	9%	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, 8 = Analyst data exempt and 4 = zeros submitted as values. Robust statistics not used if < 6 labs reporting, in this case the Z Scores may be included for information only (Grey, No Action!). Flag 3 indicates not used in statistics.