AAFCO Check Sample Program

All Labs and All Methods Report

Sort by Method

Proficiency For Individual Methods

Sample # 201441

Fish Meal - Menhaden

Pet Food Add-on

Robust statistics not used if < 6 labs reporting, in this case the Z Scores are included for information only (Grey).

Issue Date : 04/30/2014

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	4.7200	0.28000	5.1700	0.35059	0.24000	4	-1.28	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	5.0700	0.52000	5.1700	0.35059	0.24000	4	-0.29	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0783	5.3950	0.15000	5.1700	0.35059	0.24000	4	0.64	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0786	5.4950	0.01000	5.1700	0.35059	0.24000	4	0.93	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0785	5.3850	0.31000	5.1700	0.35059	0.24000	4	0.61	2%	8
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0788	5.5300	0.08000	5.1700	0.35059	0.24000	4	1.03	3%	8
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0787	5.5800	0.06000	5.1700	0.35059	0.24000	4	1.17	4%	8
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	4.6900	0.08000	5.0975	0.27202	0.13333	6	**-1.50**	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	4.9400	0.44000	5.0975	0.27202	0.13333	6	**-0.58**	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	4.9850	0.13000	5.0975	0.27202	0.13333	6	**-0.41**	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	5.2350	0.01000	5.0975	0.27202	0.13333	6	**0.51**	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	5.2500	0.04000	5.0975	0.27202	0.13333	6	**0.56**	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	5.4100	0.10000	5.0975	0.27202	0.13333	6	**1.15**	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	5.2000	0.10000	5.4175	0.30759	0.05500	2	-0.71	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0732	5.6350	0.01000	5.4175	0.30759	0.05500	2	0.71	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0733	5.6300	0.02000	5.4175	0.30759	0.05500	2	0.69	2%	8
002.01	Protein, Auto Kjel-Foss (%)	0043	63.235	0.21000	64.179	0.68929	0.23750	4	-1.37	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0033	64.115	0.03000	64.179	0.68929	0.23750	4	-0.09	0%	0
002.01	Protein, Auto Kjel-Foss (%)	2023	64.575	0.35000	64.179	0.68929	0.23750	4	0.57	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0098	64.790	0.36000	64.179	0.68929	0.23750	4	0.89	0%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	64.340	0.12000			0.12000	1			
002.05	Protein, Copper, Boric Acid (%)	0015	63.715	0.03000			0.03000	1			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	61.395	0.25000	64.986	0.43829	0.18662	53	**-8.19**	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	63.485	0.03000	64.986	0.43829	0.18662	53	**-3.42**	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	64.375	0.27000	64.986	0.43829	0.18662	53	**-1.39**	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	64.413	0.01700	64.986	0.43829	0.18662	53	**-1.31**	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0812	64.450	0.10000	64.986	0.43829	0.18662	53	**-1.22**	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	64.470	0.14000	64.986	0.43829	0.18662	53	**-1.18**	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2016	64.575	0.11000	64.986	0.43829	0.18662	53	**-0.94**	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0739	64.580	0.48000	64.986	0.43829	0.18662	53	**-0.93**	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0786	64.595	0.03000	64.986	0.43829	0.18662	53	**-0.89**	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0017	64.600	0.00000	64.986	0.43829	0.18662	53	**-0.88**	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0790	64.605	0.73000	64.986	0.43829	0.18662	53	**-0.87**	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	64.610	0.12000	64.986	0.43829	0.18662	53	-0.86	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0008	64.670	0.20000	64.986	0.43829	0.18662	53	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0734	64.685	0.25000	64.986	0.43829	0.18662	53	-0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	64.700	0.20000	64.986	0.43829	0.18662	53	-0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	64.715	0.09000	64.986	0.43829	0.18662	53	-0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	64.745	0.35000	64.986	0.43829	0.18662	53	-0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2023	64.785	0.07000	64.986	0.43829	0.18662	53	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	64.795	0.09000	64.986	0.43829	0.18662	53	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	64.810	0.30000	64.986	0.43829	0.18662	53	-0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0032	64.820	0.28000	64.986	0.43829	0.18662	53	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0776	64.820	0.14000	64.986	0.43829	0.18662	53	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	64.850	0.10000	64.986	0.43829	0.18662	53	-0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	64.850	0.10000	64.986	0.43829	0.18662	53	-0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0764	64.930	0.12000	64.986	0.43829	0.18662	53	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0808	64.930	0.10000	64.986	0.43829	0.18662	53	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	64.950	0.12000	64.986	0.43829	0.18662	53	-0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	64.960	0.10000	64.986	0.43829	0.18662	53	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0749	64.980	0.04000	64.986	0.43829	0.18662	53	-0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	65.030	0.10000	64.986	0.43829	0.18662	53	0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	65.045	0.07000	64.986	0.43829	0.18662	53	0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	65.050	0.04000	64.986	0.43829	0.18662	53	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0051	65.050	0.30000	64.986	0.43829	0.18662	53	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	65.125	0.51000	64.986	0.43829	0.18662	53	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2050	65.202	0.20400	64.986	0.43829	0.18662	53	0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0959	65.205	0.17000	64.986	0.43829	0.18662	53	0.50	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0958	65.215	0.13000	64.986	0.43829	0.18662	53	0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0824	65.235	0.03000	64.986	0.43829	0.18662	53	0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0016	65.250	0.30000	64.986	0.43829	0.18662	53	0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0660	65.295	0.09000	64.986	0.43829	0.18662	53	0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2003	65.315	0.09000	64.986	0.43829	0.18662	53	0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	65.345	0.71000	64.986	0.43829	0.18662	53	0.82	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0738	65.385	0.11000	64.986	0.43829	0.18662	53	0.91	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0783	65.445	0.11000	64.986	0.43829	0.18662	53	1.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	65.485	0.01000	64.986	0.43829	0.18662	53	1.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0759	65.495	0.07000	64.986	0.43829	0.18662	53	1.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0819	65.516	0.07000	64.986	0.43829	0.18662	53	1.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0781	65.565	0.27000	64.986	0.43829	0.18662	53	1.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	65.610	0.02000	64.986	0.43829	0.18662	53	1.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	65.610	0.08000	64.986	0.43829	0.18662	53	1.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	65.710	0.62000	64.986	0.43829	0.18662	53	1.65	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0732	66.300	0.08000	64.986	0.43829	0.18662	53	3.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0960	67.650	0.78000	64.986	0.43829	0.18662	53	6.08	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0795	63.860	1.0200	64.986	0.43829	0.18662	53	-2.57	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	64.488	1.1100	64.986	0.43829	0.18662	53	-1.14	0%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0760	64.000	0.32000	64.986	0.43829	0.18662	53	-2.25	1%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0798	64.035	0.13000	64.986	0.43829	0.18662	53	-2.17	1%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0763	64.185	0.07000	64.986	0.43829	0.18662	53	-1.83	1%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0761	64.205	0.69000	64.986	0.43829	0.18662	53	-1.78	1%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0736	64.220	0.38000	64.986	0.43829	0.18662	53	-1.75	1%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0807	64.220	0.02000	64.986	0.43829	0.18662	53	-1.75	1%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0804	64.250	0.18000	64.986	0.43829	0.18662	53	-1.68	1%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0752	64.295	0.45000	64.986	0.43829	0.18662	53	-1.58	1%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0796	64.340	0.14000	64.986	0.43829	0.18662	53	-1.47	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0803	64.355	0.31000	64.986	0.43829	0.18662	53	-1.44	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0834	64.370	0.18000	64.986	0.43829	0.18662	53	-1.41	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0753	64.390	0.16000	64.986	0.43829	0.18662	53	-1.36	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0800	64.420	0.24000	64.986	0.43829	0.18662	53	-1.29	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0805	64.420	0.24000	64.986	0.43829	0.18662	53	-1.29	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0799	64.435	0.03000	64.986	0.43829	0.18662	53	-1.26	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0838	64.440	0.34000	64.986	0.43829	0.18662	53	-1.25	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0758	64.485	0.01000	64.986	0.43829	0.18662	53	-1.14	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0797	64.490	0.12000	64.986	0.43829	0.18662	53	-1.13	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	1002	64.515	0.03000	64.986	0.43829	0.18662	53	-1.07	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0813	64.520	0.18000	64.986	0.43829	0.18662	53	-1.06	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	1003	64.610	1.1600	64.986	0.43829	0.18662	53	-0.86	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0839	64.635	0.43000	64.986	0.43829	0.18662	53	-0.80	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0831	64.645	0.11000	64.986	0.43829	0.18662	53	-0.78	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0814	64.655	0.41000	64.986	0.43829	0.18662	53	-0.75	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0751	64.665	0.15000	64.986	0.43829	0.18662	53	-0.73	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0817	64.675	0.19000	64.986	0.43829	0.18662	53	-0.71	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0809	64.695	0.13000	64.986	0.43829	0.18662	53	-0.66	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0827	64.700	0.00000	64.986	0.43829	0.18662	53	-0.65	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	1015	64.708	0.10900	64.986	0.43829	0.18662	53	-0.64	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	1008	64.710	0.07000	64.986	0.43829	0.18662	53	-0.63	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0779	64.725	0.01000	64.986	0.43829	0.18662	53	-0.60	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	1009	64.734	0.08700	64.986	0.43829	0.18662	53	-0.58	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0778	64.735	0.17000	64.986	0.43829	0.18662	53	-0.57	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0741	64.740	0.00000	64.986	0.43829	0.18662	53	-0.56	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0840	64.745	0.13000	64.986	0.43829	0.18662	53	-0.55	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0802	64.800	0.16000	64.986	0.43829	0.18662	53	-0.42	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0810	64.805	0.03000	64.986	0.43829	0.18662	53	-0.41	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0755	64.815	0.05000	64.986	0.43829	0.18662	53	-0.39	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	1004	64.820	0.09400	64.986	0.43829	0.18662	53	-0.38	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0750	64.860	0.10000	64.986	0.43829	0.18662	53	-0.29	0%	8

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyzer (%)	1000	64.860	0.04000	64.986	0.43829	0.18662	53	-0.29	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0769	64.875	0.07000	64.986	0.43829	0.18662	53	-0.25	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	1005	64.875	0.99000	64.986	0.43829	0.18662	53	-0.25	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0832	64.890	0.18000	64.986	0.43829	0.18662	53	-0.22	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0806	64.900	0.04000	64.986	0.43829	0.18662	53	-0.20	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0835	64.900	0.04000	64.986	0.43829	0.18662	53	-0.20	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0830	64.910	0.14000	64.986	0.43829	0.18662	53	-0.17	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0788	64.915	0.19000	64.986	0.43829	0.18662	53	-0.16	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0815	64.930	0.04000	64.986	0.43829	0.18662	53	-0.13	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	1017	64.934	0.13400	64.986	0.43829	0.18662	53	-0.12	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0754	64.940	0.04000	64.986	0.43829	0.18662	53	-0.10	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0816	64.965	0.03000	64.986	0.43829	0.18662	53	-0.05	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0756	64.970	0.02000	64.986	0.43829	0.18662	53	-0.04	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0771	64.995	0.01000	64.986	0.43829	0.18662	53	0.02	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0740	64.999	0.01800	64.986	0.43829	0.18662	53	0.03	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0836	65.030	0.12000	64.986	0.43829	0.18662	53	0.10	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0765	65.070	0.04000	64.986	0.43829	0.18662	53	0.19	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0820	65.080	0.27560	64.986	0.43829	0.18662	53	0.21	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0825	65.100	0.00000	64.986	0.43829	0.18662	53	0.26	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0841	65.120	0.14000	64.986	0.43829	0.18662	53	0.31	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0811	65.125	0.13000	64.986	0.43829	0.18662	53	0.32	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0770	65.135	0.01000	64.986	0.43829	0.18662	53	0.34	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0742	65.140	0.04000	64.986	0.43829	0.18662	53	0.35	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0772	65.140	0.08000	64.986	0.43829	0.18662	53	0.35	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	1016	65.142	0.03600	64.986	0.43829	0.18662	53	0.36	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0768	65.150	0.10000	64.986	0.43829	0.18662	53	0.37	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0822	65.150	0.12000	64.986	0.43829	0.18662	53	0.37	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0746	65.175	0.01000	64.986	0.43829	0.18662	53	0.43	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	1013	65.190	0.18000	64.986	0.43829	0.18662	53	0.47	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0787	65.210	0.06000	64.986	0.43829	0.18662	53	0.51	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0766	65.220	0.00000	64.986	0.43829	0.18662	53	0.53	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0821	65.225	0.33000	64.986	0.43829	0.18662	53	0.55	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0757	65.260	0.02000	64.986	0.43829	0.18662	53	0.63	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0744	65.295	0.15000	64.986	0.43829	0.18662	53	0.71	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0829	65.300	0.18000	64.986	0.43829	0.18662	53	0.72	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0828	65.370	0.16000	64.986	0.43829	0.18662	53	0.88	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0745	65.380	0.08000	64.986	0.43829	0.18662	53	0.90	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0785	65.380	0.04000	64.986	0.43829	0.18662	53	0.90	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0801	65.380	0.04000	64.986	0.43829	0.18662	53	0.90	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0782	65.480	0.20000	64.986	0.43829	0.18662	53	1.13	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	1012	65.516	0.14700	64.986	0.43829	0.18662	53	1.21	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0748	65.525	0.01000	64.986	0.43829	0.18662	53	1.23	0%	8

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0743	65.545	0.01000	64.986	0.43829	0.18662	53	1.28	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0747	65.565	0.07000	64.986	0.43829	0.18662	53	1.32	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	1007	65.600	0.14000	64.986	0.43829	0.18662	53	1.40	0%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	1011	66.240	0.02000	64.986	0.43829	0.18662	53	2.86	1%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0733	66.295	0.07000	64.986	0.43829	0.18662	53	2.99	1%	8
002.06	Protein, Combustion Nitrogen Analyzer (%)	0791	66.380	1.2600	64.986	0.43829	0.18662	53	3.18	1%	8
002.08	Protein, Cu / Ti (%)	0309	64.485	0.09000	65.345	1.2670	0.19667	3	-0.68	1%	0
002.08	Protein, Cu / Ti (%)	0208	64.750	0.30000	65.345	1.2670	0.19667	3	-0.47	0%	0
002.08	Protein, Cu / Ti (%)	0098	66.800	0.20000	65.345	1.2670	0.19667	3	1.15	1%	0
002.11	Protein, NIR (%)	2050	67.590	0.48000			0.48000	1			
002.99	Protein, Miscellaneous (%)	2004	64.350	0.10000			0.10000	1			
003.00	Fat, Eth Ext., Direct (%)	0035	8.8500	0.02000	9.3200	0.71709	0.63500	4	-0.66	3%	0
003.00	Fat, Eth Ext., Direct (%)	0876	8.9500	1.5000	9.3200	0.71709	0.63500	4	-0.52	2%	0
003.00	Fat, Eth Ext., Direct (%)	0309	9.0950	0.63000	9.3200	0.71709	0.63500	4	-0.31	1%	0
003.00	Fat, Eth Ext., Direct (%)	0759	10.385	0.39000	9.3200	0.71709	0.63500	4	1.49	6%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	8.7500	1.7400			1.7400	1			
003.06	Fat, Pet Ether (%)	0074	5.6550	0.05000	7.9167	1.9736	0.06000	3	-1.15	14%	0
003.06	Fat, Pet Ether (%)	0164	8.8050	0.03000	7.9167	1.9736	0.06000	3	0.45	6%	0
003.06	Fat, Pet Ether (%)	0511	9.2900	0.10000	7.9167	1.9736	0.06000	3	0.70	9%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	6.9000	0.00000	8.5822	0.17480	0.25176	7	-9.62	10%	0
003.09	Fat, Soxtec, Eth Ext (%)	0051	8.4750	0.13000	8.5822	0.17480	0.25176	7	-0.61	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	8.4900	0.44000	8.5822	0.17480	0.25176	7	-0.53	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0732	8.5950	0.21000	8.5822	0.17480	0.25176	7	0.07	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	8.6600	0.40000	8.5822	0.17480	0.25176	7	0.45	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	8.6654	0.27230	8.5822	0.17480	0.25176	7	0.48	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0964	9.0550	0.31000	8.5822	0.17480	0.25176	7	2.70	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0733	8.4900	0.00000	8.5822	0.17480	0.25176	7	-0.53	1%	8
003.10	Fat, Soxtec, Pet Ether (%)	0781	8.4000	0.06000	8.4938	0.09860	0.03750	4	-0.95	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0783	8.4400	0.04000	8.4938	0.09860	0.03750	4	-0.55	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	8.5100	0.02000	8.4938	0.09860	0.03750	4	0.16	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0034	8.6250	0.03000	8.4938	0.09860	0.03750	4	1.33	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	8.7100	0.40000	8.4938	0.09860	0.03750	4	2.19	1%	1
003.10	Fat, Soxtec, Pet Ether (%)	1007	8.2850	0.05000	8.4938	0.09860	0.03750	4	-2.12	1%	8
003.10	Fat, Soxtec, Pet Ether (%)	0782	8.3450	0.07000	8.4938	0.09860	0.03750	4	-1.51	1%	8
003.10	Fat, Soxtec, Pet Ether (%)	0785	8.3900	0.10000	8.4938	0.09860	0.03750	4	-1.05	1%	8
003.11	Fat, NIR (%)	2050	8.6350	0.13000			0.13000	1			
003.12	Fat, Hexane Ext (%)	0171	8.7200	0.04000			0.04000	1			
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	8.6450	0.13000	9.2163	1.0449	0.29750	4	-0.55	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	8.6450	0.25000	9.2163	1.0449	0.29750	4	-0.55	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	8.7950	0.13000	9.2163	1.0449	0.29750	4	-0.40	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0660	10.780	0.68000	9.2163	1.0449	0.29750	4	1.50	8%	0
003.14	Fat, Ankom (%)	0003	8.9750	0.01000	8.9875	0.01768	0.08500	2	-0.71	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
003.14	Fat, Ankom (%)	2023	9.0000	0.16000	8.9875	0.01768	0.08500	2	0.71	0%	0
003.99	Fat, Miscellaneous (%)	0047	6.2050	0.11000	7.8025	2.2592	0.06500	2	-0.71	10%	0
003.99	Fat, Miscellaneous (%)	0786	9.4000	0.02000	7.8025	2.2592	0.06500	2	0.71	10%	0
003.99	Fat, Miscellaneous (%)	0787	9.3550	0.11000	7.8025	2.2592	0.06500	2	0.69	10%	8
003.99	Fat, Miscellaneous (%)	0788	9.4050	0.07000	7.8025	2.2592	0.06500	2	0.71	10%	8
004.00	Fiber, Crude Asbestos Free (%)	2023	0.19000	0.00000	0.52150	0.33257	0.09456	9	**-1.00**	32%	0
004.00	Fiber, Crude Asbestos Free (%)	0034	0.20000	0.00000	0.52150	0.33257	0.09456	9	**-0.97**	31%	0
004.00	Fiber, Crude Asbestos Free (%)	0309	0.25000	0.06000	0.52150	0.33257	0.09456	9	**-0.82**	26%	0
004.00	Fiber, Crude Asbestos Free (%)	0511	0.45000	0.10000	0.52150	0.33257	0.09456	9	**-0.21**	7%	0
004.00	Fiber, Crude Asbestos Free (%)	0171	0.45500	0.01000	0.52150	0.33257	0.09456	9	**-0.20**	6%	0
004.00	Fiber, Crude Asbestos Free (%)	2004	0.56850	0.08100	0.52150	0.33257	0.09456	9	**0.14**	5%	0
004.00	Fiber, Crude Asbestos Free (%)	0876	0.70000	0.20000	0.52150	0.33257	0.09456	9	**0.54**	17%	0
004.00	Fiber, Crude Asbestos Free (%)	0504	0.88000	0.10000	0.52150	0.33257	0.09456	9	**1.08**	34%	0
004.00	Fiber, Crude Asbestos Free (%)	0226	1.7500	0.30000	0.52150	0.33257	0.09456	9	**3.69**	118%	0
004.06	Fiber, Fibertec (%)	0098	0.41000	0.08000			0.08000	1			
004.07	Fiber, ANKOM (%)	0553	0.00000	0.00000	0.34538	0.28022	0.06500	6	**-1.23**	50%	0
004.07	Fiber, ANKOM (%)	0098	0.19500	0.11000	0.34538	0.28022	0.06500	6	**-0.54**	22%	0
004.07	Fiber, ANKOM (%)	0042	0.24000	0.10000	0.34538	0.28022	0.06500	6	**-0.38**	15%	0
004.07	Fiber, ANKOM (%)	0074	0.44500	0.07000	0.34538	0.28022	0.06500	6	**0.36**	14%	0
004.07	Fiber, ANKOM (%)	0015	0.50500	0.05000	0.34538	0.28022	0.06500	6	**0.57**	23%	0
004.07	Fiber, ANKOM (%)	0004	1.6500	0.06000	0.34538	0.28022	0.06500	6	**4.66**	189%	0
004.07	Fiber, ANKOM (%)	0003	0.42500	0.41000	0.34538	0.28022	0.06500	6	**0.28**	12%	1
005.00	Ash, 2h @ 600°C (%)	0003	9.8050	0.07000	21.437	0.11516	0.06259	39	**-101.00**	27%	0
005.00	Ash, 2h @ 600°C (%)	0960	21.190	0.14000	21.437	0.11516	0.06259	39	**-2.14**	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	21.200	0.20000	21.437	0.11516	0.06259	39	**-2.06**	1%	0
005.00	Ash, 2h @ 600°C (%)	0732	21.225	0.01000	21.437	0.11516	0.06259	39	**-1.84**	0%	0
005.00	Ash, 2h @ 600°C (%)	0795	21.300	0.04000	21.437	0.11516	0.06259	39	**-1.19**	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	21.325	0.03000	21.437	0.11516	0.06259	39	**-0.97**	0%	0
005.00	Ash, 2h @ 600°C (%)	0734	21.325	0.03000	21.437	0.11516	0.06259	39	**-0.97**	0%	0
005.00	Ash, 2h @ 600°C (%)	0808	21.330	0.00000	21.437	0.11516	0.06259	39	**-0.93**	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	21.335	0.01000	21.437	0.11516	0.06259	39	**-0.89**	0%	0
005.00	Ash, 2h @ 600°C (%)	0749	21.360	0.02000	21.437	0.11516	0.06259	39	**-0.67**	0%	0
005.00	Ash, 2h @ 600°C (%)	0759	21.365	0.07000	21.437	0.11516	0.06259	39	**-0.62**	0%	0
005.00	Ash, 2h @ 600°C (%)	0812	21.385	0.01000	21.437	0.11516	0.06259	39	**-0.45**	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	21.400	0.00000	21.437	0.11516	0.06259	39	**-0.32**	0%	0
005.00	Ash, 2h @ 600°C (%)	0650	21.410	0.02000	21.437	0.11516	0.06259	39	**-0.23**	0%	0
005.00	Ash, 2h @ 600°C (%)	0957	21.415	0.07000	21.437	0.11516	0.06259	39	**-0.19**	0%	0
005.00	Ash, 2h @ 600°C (%)	0958	21.415	0.07000	21.437	0.11516	0.06259	39	**-0.19**	0%	0
005.00	Ash, 2h @ 600°C (%)	0512	21.420	0.12000	21.437	0.11516	0.06259	39	**-0.15**	0%	0
005.00	Ash, 2h @ 600°C (%)	0819	21.430	0.00000	21.437	0.11516	0.06259	39	**-0.06**	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	21.430	0.06100	21.437	0.11516	0.06259	39	**-0.06**	0%	0
005.00	Ash, 2h @ 600°C (%)	0739	21.435	0.17000	21.437	0.11516	0.06259	39	**-0.02**	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0309	21.440	0.06000	21.437	0.11516	0.06259	39	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0208	21.450	0.10000	21.437	0.11516	0.06259	39	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0008	21.450	0.02000	21.437	0.11516	0.06259	39	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0004	21.455	0.13000	21.437	0.11516	0.06259	39	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0764	21.475	0.07000	21.437	0.11516	0.06259	39	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0511	21.480	0.04000	21.437	0.11516	0.06259	39	0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0959	21.480	0.10000	21.437	0.11516	0.06259	39	0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0783	21.490	0.02000	21.437	0.11516	0.06259	39	0.46	0%	0
005.00	Ash, 2h @ 600°C (%)	0015	21.495	0.07000	21.437	0.11516	0.06259	39	0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0781	21.520	0.08000	21.437	0.11516	0.06259	39	0.72	0%	0
005.00	Ash, 2h @ 600°C (%)	0964	21.520	0.04000	21.437	0.11516	0.06259	39	0.72	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	21.520	0.02000	21.437	0.11516	0.06259	39	0.72	0%	0
005.00	Ash, 2h @ 600°C (%)	0660	21.540	0.06000	21.437	0.11516	0.06259	39	0.90	0%	0
005.00	Ash, 2h @ 600°C (%)	0953	21.565	0.13000	21.437	0.11516	0.06259	39	1.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0226	21.600	0.00000	21.437	0.11516	0.06259	39	1.42	0%	0
005.00	Ash, 2h @ 600°C (%)	0051	21.605	0.05000	21.437	0.11516	0.06259	39	1.46	0%	0
005.00	Ash, 2h @ 600°C (%)	0776	21.615	0.03000	21.437	0.11516	0.06259	39	1.55	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	21.725	0.07000	21.437	0.11516	0.06259	39	2.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	21.745	0.21000	21.437	0.11516	0.06259	39	2.68	1%	0
005.00	Ash, 2h @ 600°C (%)	2016	20.815	1.6100	21.437	0.11516	0.06259	39	-5.40	1%	1
005.00	Ash, 2h @ 600°C (%)	0736	2.1350	0.01000	21.437	0.11516	0.06259	39	-167.61	45%	8
005.00	Ash, 2h @ 600°C (%)	1011	21.130	0.00000	21.437	0.11516	0.06259	39	-2.67	1%	8
005.00	Ash, 2h @ 600°C (%)	1012	21.245	0.05000	21.437	0.11516	0.06259	39	-1.67	0%	8
005.00	Ash, 2h @ 600°C (%)	0761	21.250	0.00000	21.437	0.11516	0.06259	39	-1.62	0%	8
005.00	Ash, 2h @ 600°C (%)	0740	21.255	0.03800	21.437	0.11516	0.06259	39	-1.58	0%	8
005.00	Ash, 2h @ 600°C (%)	0746	21.265	0.15000	21.437	0.11516	0.06259	39	-1.49	0%	8
005.00	Ash, 2h @ 600°C (%)	0760	21.265	0.19000	21.437	0.11516	0.06259	39	-1.49	0%	8
005.00	Ash, 2h @ 600°C (%)	0743	21.270	0.08000	21.437	0.11516	0.06259	39	-1.45	0%	8
005.00	Ash, 2h @ 600°C (%)	0744	21.280	0.00000	21.437	0.11516	0.06259	39	-1.36	0%	8
005.00	Ash, 2h @ 600°C (%)	0750	21.280	0.02000	21.437	0.11516	0.06259	39	-1.36	0%	8
005.00	Ash, 2h @ 600°C (%)	0733	21.290	0.04000	21.437	0.11516	0.06259	39	-1.28	0%	8
005.00	Ash, 2h @ 600°C (%)	0799	21.300	0.16000	21.437	0.11516	0.06259	39	-1.19	0%	8
005.00	Ash, 2h @ 600°C (%)	0753	21.310	0.02000	21.437	0.11516	0.06259	39	-1.10	0%	8
005.00	Ash, 2h @ 600°C (%)	1002	21.310	0.06000	21.437	0.11516	0.06259	39	-1.10	0%	8
005.00	Ash, 2h @ 600°C (%)	0747	21.325	0.07000	21.437	0.11516	0.06259	39	-0.97	0%	8
005.00	Ash, 2h @ 600°C (%)	0814	21.335	0.21000	21.437	0.11516	0.06259	39	-0.89	0%	8
005.00	Ash, 2h @ 600°C (%)	0742	21.345	0.09000	21.437	0.11516	0.06259	39	-0.80	0%	8
005.00	Ash, 2h @ 600°C (%)	0763	21.345	0.03000	21.437	0.11516	0.06259	39	-0.80	0%	8
005.00	Ash, 2h @ 600°C (%)	1009	21.365	0.03000	21.437	0.11516	0.06259	39	-0.62	0%	8
005.00	Ash, 2h @ 600°C (%)	1017	21.370	0.12000	21.437	0.11516	0.06259	39	-0.58	0%	8
005.00	Ash, 2h @ 600°C (%)	0800	21.370	0.04000	21.437	0.11516	0.06259	39	-0.58	0%	8
005.00	Ash, 2h @ 600°C (%)	0821	21.370	0.00000	21.437	0.11516	0.06259	39	-0.58	0%	8

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0834	21.370	0.10000	21.437	0.11516	0.06259	39	-0.58	0%	8
005.00	Ash, 2h @ 600°C (%)	0820	21.375	0.07000	21.437	0.11516	0.06259	39	-0.54	0%	8
005.00	Ash, 2h @ 600°C (%)	0741	21.390	0.02000	21.437	0.11516	0.06259	39	-0.41	0%	8
005.00	Ash, 2h @ 600°C (%)	0751	21.390	0.04000	21.437	0.11516	0.06259	39	-0.41	0%	8
005.00	Ash, 2h @ 600°C (%)	0805	21.390	0.08000	21.437	0.11516	0.06259	39	-0.41	0%	8
005.00	Ash, 2h @ 600°C (%)	0796	21.395	0.13000	21.437	0.11516	0.06259	39	-0.36	0%	8
005.00	Ash, 2h @ 600°C (%)	0755	21.400	0.10000	21.437	0.11516	0.06259	39	-0.32	0%	8
005.00	Ash, 2h @ 600°C (%)	0801	21.400	0.04000	21.437	0.11516	0.06259	39	-0.32	0%	8
005.00	Ash, 2h @ 600°C (%)	0831	21.400	0.00000	21.437	0.11516	0.06259	39	-0.32	0%	8
005.00	Ash, 2h @ 600°C (%)	0748	21.405	0.01000	21.437	0.11516	0.06259	39	-0.28	0%	8
005.00	Ash, 2h @ 600°C (%)	0838	21.405	0.05000	21.437	0.11516	0.06259	39	-0.28	0%	8
005.00	Ash, 2h @ 600°C (%)	0771	21.410	0.10000	21.437	0.11516	0.06259	39	-0.23	0%	8
005.00	Ash, 2h @ 600°C (%)	0804	21.410	0.02000	21.437	0.11516	0.06259	39	-0.23	0%	8
005.00	Ash, 2h @ 600°C (%)	0752	21.415	0.09000	21.437	0.11516	0.06259	39	-0.19	0%	8
005.00	Ash, 2h @ 600°C (%)	0829	21.415	0.09000	21.437	0.11516	0.06259	39	-0.19	0%	8
005.00	Ash, 2h @ 600°C (%)	0745	21.420	0.06000	21.437	0.11516	0.06259	39	-0.15	0%	8
005.00	Ash, 2h @ 600°C (%)	0802	21.420	0.00000	21.437	0.11516	0.06259	39	-0.15	0%	8
005.00	Ash, 2h @ 600°C (%)	0798	21.425	0.23000	21.437	0.11516	0.06259	39	-0.10	0%	8
005.00	Ash, 2h @ 600°C (%)	0758	21.425	0.01000	21.437	0.11516	0.06259	39	-0.10	0%	8
005.00	Ash, 2h @ 600°C (%)	0797	21.425	0.01000	21.437	0.11516	0.06259	39	-0.10	0%	8
005.00	Ash, 2h @ 600°C (%)	0807	21.425	0.03000	21.437	0.11516	0.06259	39	-0.10	0%	8
005.00	Ash, 2h @ 600°C (%)	0809	21.430	0.02000	21.437	0.11516	0.06259	39	-0.06	0%	8
005.00	Ash, 2h @ 600°C (%)	0811	21.430	0.02000	21.437	0.11516	0.06259	39	-0.06	0%	8
005.00	Ash, 2h @ 600°C (%)	0815	21.430	0.02000	21.437	0.11516	0.06259	39	-0.06	0%	8
005.00	Ash, 2h @ 600°C (%)	0817	21.430	0.02000	21.437	0.11516	0.06259	39	-0.06	0%	8
005.00	Ash, 2h @ 600°C (%)	0754	21.435	0.05000	21.437	0.11516	0.06259	39	-0.02	0%	8
005.00	Ash, 2h @ 600°C (%)	1016	21.435	0.17000	21.437	0.11516	0.06259	39	-0.02	0%	8
005.00	Ash, 2h @ 600°C (%)	0835	21.440	0.16000	21.437	0.11516	0.06259	39	0.03	0%	8
005.00	Ash, 2h @ 600°C (%)	0756	21.445	0.03000	21.437	0.11516	0.06259	39	0.07	0%	8
005.00	Ash, 2h @ 600°C (%)	0806	21.445	0.01000	21.437	0.11516	0.06259	39	0.07	0%	8
005.00	Ash, 2h @ 600°C (%)	0822	21.445	0.03000	21.437	0.11516	0.06259	39	0.07	0%	8
005.00	Ash, 2h @ 600°C (%)	0816	21.455	0.01000	21.437	0.11516	0.06259	39	0.16	0%	8
005.00	Ash, 2h @ 600°C (%)	0770	21.460	0.00000	21.437	0.11516	0.06259	39	0.20	0%	8
005.00	Ash, 2h @ 600°C (%)	0757	21.465	0.03000	21.437	0.11516	0.06259	39	0.24	0%	8
005.00	Ash, 2h @ 600°C (%)	0778	21.475	0.03000	21.437	0.11516	0.06259	39	0.33	0%	8
005.00	Ash, 2h @ 600°C (%)	1008	21.490	0.04000	21.437	0.11516	0.06259	39	0.46	0%	8
005.00	Ash, 2h @ 600°C (%)	1015	21.490	0.02000	21.437	0.11516	0.06259	39	0.46	0%	8
005.00	Ash, 2h @ 600°C (%)	0785	21.495	0.01000	21.437	0.11516	0.06259	39	0.50	0%	8
005.00	Ash, 2h @ 600°C (%)	0813	21.505	0.03000	21.437	0.11516	0.06259	39	0.59	0%	8
005.00	Ash, 2h @ 600°C (%)	0841	21.505	0.03000	21.437	0.11516	0.06259	39	0.59	0%	8
005.00	Ash, 2h @ 600°C (%)	0765	21.505	0.01000	21.437	0.11516	0.06259	39	0.59	0%	8
005.00	Ash, 2h @ 600°C (%)	0830	21.510	0.00000	21.437	0.11516	0.06259	39	0.63	0%	8

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0840	21.525	0.01000	21.437	0.11516	0.06259	39	**0.76**	0%	8
005.00	Ash, 2h @ 600°C (%)	0769	21.530	0.06000	21.437	0.11516	0.06259	39	**0.81**	0%	8
005.00	Ash, 2h @ 600°C (%)	0782	21.530	0.08000	21.437	0.11516	0.06259	39	**0.81**	0%	8
005.00	Ash, 2h @ 600°C (%)	0779	21.540	0.16000	21.437	0.11516	0.06259	39	**0.90**	0%	8
005.00	Ash, 2h @ 600°C (%)	0810	21.540	0.06000	21.437	0.11516	0.06259	39	**0.90**	0%	8
005.00	Ash, 2h @ 600°C (%)	1007	21.540	0.08000	21.437	0.11516	0.06259	39	**0.90**	0%	8
005.00	Ash, 2h @ 600°C (%)	0803	21.550	0.04000	21.437	0.11516	0.06259	39	**0.98**	0%	8
005.00	Ash, 2h @ 600°C (%)	0839	21.550	0.10000	21.437	0.11516	0.06259	39	**0.98**	0%	8
005.00	Ash, 2h @ 600°C (%)	1004	21.550	0.08000	21.437	0.11516	0.06259	39	**0.98**	0%	8
005.00	Ash, 2h @ 600°C (%)	0772	21.555	0.05000	21.437	0.11516	0.06259	39	**1.03**	0%	8
005.00	Ash, 2h @ 600°C (%)	0832	21.555	0.03000	21.437	0.11516	0.06259	39	**1.03**	0%	8
005.00	Ash, 2h @ 600°C (%)	0766	21.560	0.02000	21.437	0.11516	0.06259	39	**1.07**	0%	8
005.00	Ash, 2h @ 600°C (%)	0828	21.570	0.10000	21.437	0.11516	0.06259	39	**1.16**	0%	8
005.00	Ash, 2h @ 600°C (%)	0827	21.600	0.06000	21.437	0.11516	0.06259	39	**1.42**	0%	8
005.00	Ash, 2h @ 600°C (%)	0768	21.610	0.02000	21.437	0.11516	0.06259	39	**1.50**	0%	8
005.00	Ash, 2h @ 600°C (%)	1000	21.630	0.00000	21.437	0.11516	0.06259	39	**1.68**	0%	8
005.03	Ash, Microwave furnace (%)	1013	20.670	0.02000	20.688	0.02475	0.02500	2	-0.71	0%	0
005.03	Ash, Microwave furnace (%)	0738	20.705	0.03000	20.688	0.02475	0.02500	2	0.71	0%	0
005.05	Ash, 3h @ 550°C (%)	0033	21.500	0.00000	21.598	0.13789	0.13500	2	-0.71	0%	0
005.05	Ash, 3h @ 550°C (%)	2050	21.695	0.27000	21.598	0.13789	0.13500	2	0.71	0%	0
005.11	Ash, NIR (%)	2050	13.750	0.30000			0.30000	1			
005.99	Ash, Miscellaneous (%)	2004	21.300	0.00000	21.310	0.01414	0.01000	2	-0.71	0%	0
005.99	Ash, Miscellaneous (%)	2023	21.320	0.02000	21.310	0.01414	0.01000	2	0.71	0%	0
008.02	Fiber, Acid Detergent (%)	0309	1.0950	0.31000	1.2817	0.25329	0.13667	3	-0.74	7%	0
008.02	Fiber, Acid Detergent (%)	0098	1.1800	0.02000	1.2817	0.25329	0.13667	3	-0.40	4%	0
008.02	Fiber, Acid Detergent (%)	0504	1.5700	0.08000	1.2817	0.25329	0.13667	3	1.14	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	0.74000	0.17400	0.77000	0.04243	0.18700	2	-0.71	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	0.80000	0.20000	0.77000	0.04243	0.18700	2	0.71	2%	0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	29.310	7.8800			7.8800	1			
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	9.3700	0.76000	9.6075	0.33588	0.40500	2	-0.71	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	9.8450	0.05000	9.6075	0.33588	0.40500	2	0.71	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	7.0750	0.35000			0.35000	1			
010.03	Moisture, Karl-Fischer (%)	0164	5.2250	0.67000			0.67000	1			
010.11	Moisture, NIR (%)	2050	6.4300	0.16000			0.16000	1			
010.99	Moisture, Miscellaneous (%)	2004	5.0150	0.05000	5.3833	0.62933	0.05333	3	-0.59	3%	0
010.99	Moisture, Miscellaneous (%)	0964	5.0250	0.03000	5.3833	0.62933	0.05333	3	-0.57	3%	0
010.99	Moisture, Miscellaneous (%)	0553	6.1100	0.08000	5.3833	0.62933	0.05333	3	1.15	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0776	4.7400	0.54000	5.9304	0.27186	0.09799	27	**-4.38**	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	2016	5.0900	0.06000	5.9304	0.27186	0.09799	27	**-3.09**	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	5.3550	0.25000	5.9304	0.27186	0.09799	27	**-2.12**	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	5.6500	0.02000	5.9304	0.27186	0.09799	27	**-1.03**	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0051	5.6900	0.18000	5.9304	0.27186	0.09799	27	**-0.88**	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
011.01	Loss on Drying, 135°C 2hr (%)	0226	5.7200	0.02000	5.9304	0.27186	0.09799	27	-0.77	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0795	5.7250	0.07000	5.9304	0.27186	0.09799	27	-0.76	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0960	5.7800	0.28000	5.9304	0.27186	0.09799	27	-0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0008	5.8050	0.07000	5.9304	0.27186	0.09799	27	-0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0759	5.8450	0.07000	5.9304	0.27186	0.09799	27	-0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0781	5.8690	0.00560	5.9304	0.27186	0.09799	27	-0.23	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	5.9100	0.02000	5.9304	0.27186	0.09799	27	-0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	5.9250	0.23000	5.9304	0.27186	0.09799	27	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0764	5.9250	0.07000	5.9304	0.27186	0.09799	27	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	5.9300	0.10000	5.9304	0.27186	0.09799	27	0.00	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0812	5.9750	0.03000	5.9304	0.27186	0.09799	27	0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	6.0150	0.03000	5.9304	0.27186	0.09799	27	0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	6.0200	0.06000	5.9304	0.27186	0.09799	27	0.33	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0959	6.0800	0.02000	5.9304	0.27186	0.09799	27	0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0749	6.1050	0.01000	5.9304	0.27186	0.09799	27	0.64	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0734	6.1200	0.12000	5.9304	0.27186	0.09799	27	0.70	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	6.1500	0.06000	5.9304	0.27186	0.09799	27	0.81	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0958	6.1700	0.00000	5.9304	0.27186	0.09799	27	0.88	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0808	6.2350	0.01000	5.9304	0.27186	0.09799	27	1.12	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	6.2700	0.04000	5.9304	0.27186	0.09799	27	1.25	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0819	6.3000	0.02000	5.9304	0.27186	0.09799	27	1.36	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0660	6.6700	0.26000	5.9304	0.27186	0.09799	27	2.72	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	7.8000	1.6000	5.9304	0.27186	0.09799	27	6.88	16%	1
011.01	Loss on Drying, 135°C 2hr (%)	0763	5.5750	0.19000	5.9304	0.27186	0.09799	27	-1.31	3%	8
011.01	Loss on Drying, 135°C 2hr (%)	0800	5.6250	0.31000	5.9304	0.27186	0.09799	27	-1.12	3%	8
011.01	Loss on Drying, 135°C 2hr (%)	0769	5.7400	0.50000	5.9304	0.27186	0.09799	27	-0.70	2%	8
011.01	Loss on Drying, 135°C 2hr (%)	0805	5.7550	0.07000	5.9304	0.27186	0.09799	27	-0.65	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0778	5.8050	0.07000	5.9304	0.27186	0.09799	27	-0.46	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0796	5.8050	0.01000	5.9304	0.27186	0.09799	27	-0.46	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0798	5.8100	0.06000	5.9304	0.27186	0.09799	27	-0.44	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0802	5.8100	0.06000	5.9304	0.27186	0.09799	27	-0.44	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0799	5.8200	0.00000	5.9304	0.27186	0.09799	27	-0.41	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	1003	5.8250	0.53000	5.9304	0.27186	0.09799	27	-0.39	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0803	5.8250	0.01000	5.9304	0.27186	0.09799	27	-0.39	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0804	5.8250	0.01000	5.9304	0.27186	0.09799	27	-0.39	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0806	5.8350	0.01000	5.9304	0.27186	0.09799	27	-0.35	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0807	5.8400	0.00000	5.9304	0.27186	0.09799	27	-0.33	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	1007	5.8608	0.01670	5.9304	0.27186	0.09799	27	-0.26	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0828	5.8650	0.01000	5.9304	0.27186	0.09799	27	-0.24	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0760	5.8700	0.02000	5.9304	0.27186	0.09799	27	-0.22	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0827	5.8700	0.00000	5.9304	0.27186	0.09799	27	-0.22	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0830	5.8750	0.09000	5.9304	0.27186	0.09799	27	-0.20	0%	8

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
011.01	Loss on Drying, 135°C 2hr (%)	0766	5.8800	0.04000	5.9304	0.27186	0.09799	27	**-0.19**	0%	8
011.01	Loss on Drying, 135°C 2hr (%)	0779	5.8900	0.10000	5.9304	0.27186	0.09799	27	**-0.15**	0%	8
011.01	Loss on Drying, 135°C 2hr (%)	0782	5.8919	0.05210	5.9304	0.27186	0.09799	27	**-0.14**	0%	8
011.01	Loss on Drying, 135°C 2hr (%)	0765	5.9000	0.00000	5.9304	0.27186	0.09799	27	**-0.11**	0%	8
011.01	Loss on Drying, 135°C 2hr (%)	0768	5.9000	0.02000	5.9304	0.27186	0.09799	27	**-0.11**	0%	8
011.01	Loss on Drying, 135°C 2hr (%)	0772	5.9000	0.04000	5.9304	0.27186	0.09799	27	**-0.11**	0%	8
011.01	Loss on Drying, 135°C 2hr (%)	0771	5.9050	0.01000	5.9304	0.27186	0.09799	27	**-0.09**	0%	8
011.01	Loss on Drying, 135°C 2hr (%)	0831	5.9075	0.12500	5.9304	0.27186	0.09799	27	**-0.08**	0%	8
011.01	Loss on Drying, 135°C 2hr (%)	0770	5.9400	0.04000	5.9304	0.27186	0.09799	27	**0.04**	0%	8
011.01	Loss on Drying, 135°C 2hr (%)	0797	5.9500	0.02000	5.9304	0.27186	0.09799	27	**0.07**	0%	8
011.01	Loss on Drying, 135°C 2hr (%)	0761	5.9600	0.20000	5.9304	0.27186	0.09799	27	**0.11**	0%	8
011.01	Loss on Drying, 135°C 2hr (%)	0839	5.9750	0.05000	5.9304	0.27186	0.09799	27	**0.16**	0%	8
011.01	Loss on Drying, 135°C 2hr (%)	0814	5.9950	0.05000	5.9304	0.27186	0.09799	27	**0.24**	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	1016	6.0000	0.00000	5.9304	0.27186	0.09799	27	**0.26**	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	1002	6.0100	0.02000	5.9304	0.27186	0.09799	27	**0.29**	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0736	6.0200	0.02000	5.9304	0.27186	0.09799	27	**0.33**	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0817	6.0250	0.05000	5.9304	0.27186	0.09799	27	**0.35**	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0834	6.0250	0.21000	5.9304	0.27186	0.09799	27	**0.35**	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0838	6.0350	0.03000	5.9304	0.27186	0.09799	27	**0.38**	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0813	6.0450	0.05000	5.9304	0.27186	0.09799	27	**0.42**	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	1015	6.0450	0.05000	5.9304	0.27186	0.09799	27	**0.42**	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	1005	6.0500	0.16000	5.9304	0.27186	0.09799	27	**0.44**	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0835	6.0800	0.02000	5.9304	0.27186	0.09799	27	**0.55**	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0815	6.0900	0.06000	5.9304	0.27186	0.09799	27	**0.59**	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0757	6.0950	0.03000	5.9304	0.27186	0.09799	27	**0.61**	1%	8
011.01	Loss on Drying, 135°C 2hr (%)	0758	6.1100	0.02000	5.9304	0.27186	0.09799	27	**0.66**	2%	8
011.01	Loss on Drying, 135°C 2hr (%)	0822	6.1250	0.05000	5.9304	0.27186	0.09799	27	**0.72**	2%	8
011.01	Loss on Drying, 135°C 2hr (%)	1008	6.1250	0.05000	5.9304	0.27186	0.09799	27	**0.72**	2%	8
011.01	Loss on Drying, 135°C 2hr (%)	0756	6.1300	0.18000	5.9304	0.27186	0.09799	27	**0.73**	2%	8
011.01	Loss on Drying, 135°C 2hr (%)	0751	6.1350	0.07000	5.9304	0.27186	0.09799	27	**0.75**	2%	8
011.01	Loss on Drying, 135°C 2hr (%)	0755	6.1350	0.13000	5.9304	0.27186	0.09799	27	**0.75**	2%	8
011.01	Loss on Drying, 135°C 2hr (%)	0832	6.1350	0.17000	5.9304	0.27186	0.09799	27	**0.75**	2%	8
011.01	Loss on Drying, 135°C 2hr (%)	0750	6.1400	0.02000	5.9304	0.27186	0.09799	27	**0.77**	2%	8
011.01	Loss on Drying, 135°C 2hr (%)	1017	6.1400	0.10000	5.9304	0.27186	0.09799	27	**0.77**	2%	8
011.01	Loss on Drying, 135°C 2hr (%)	0816	6.1650	0.01000	5.9304	0.27186	0.09799	27	**0.86**	2%	8
011.01	Loss on Drying, 135°C 2hr (%)	1004	6.1650	0.01000	5.9304	0.27186	0.09799	27	**0.86**	2%	8
011.01	Loss on Drying, 135°C 2hr (%)	0752	6.1850	0.05000	5.9304	0.27186	0.09799	27	**0.94**	2%	8
011.01	Loss on Drying, 135°C 2hr (%)	0820	6.1900	0.12000	5.9304	0.27186	0.09799	27	**0.96**	2%	8
011.01	Loss on Drying, 135°C 2hr (%)	0829	6.2000	0.10000	5.9304	0.27186	0.09799	27	**0.99**	2%	8
011.01	Loss on Drying, 135°C 2hr (%)	0754	6.2200	0.00000	5.9304	0.27186	0.09799	27	**1.07**	2%	8
011.01	Loss on Drying, 135°C 2hr (%)	0753	6.2300	0.00000	5.9304	0.27186	0.09799	27	**1.10**	3%	8
011.01	Loss on Drying, 135°C 2hr (%)	0810	6.2300	0.08000	5.9304	0.27186	0.09799	27	**1.10**	3%	8

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
011.01	Loss on Drying, 135°C 2hr (%)	0821	6.2400	0.02000	5.9304	0.27186	0.09799	27	1.14	3%	8
011.01	Loss on Drying, 135°C 2hr (%)	1009	6.3050	0.09000	5.9304	0.27186	0.09799	27	1.38	3%	8
011.01	Loss on Drying, 135°C 2hr (%)	0841	6.3400	0.16000	5.9304	0.27186	0.09799	27	1.51	3%	8
011.01	Loss on Drying, 135°C 2hr (%)	0791	6.9350	1.6900	5.9304	0.27186	0.09799	27	3.70	8%	8
011.01	Loss on Drying, 135°C 2hr (%)	0801	7.1750	2.7100	5.9304	0.27186	0.09799	27	4.58	10%	8
011.02	Loss on drying, 130°C for 2 hours (%)	0942	5.8800	0.20000	5.9550	0.10607	0.16000	2	-0.71	1%	0
011.02	Loss on drying, 130°C for 2 hours (%)	2023	6.0300	0.12000	5.9550	0.10607	0.16000	2	0.71	1%	0
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0824	5.7100	0.06000	5.7433	0.04537	0.04667	3	-0.73	0%	0
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0738	5.7250	0.05000	5.7433	0.04537	0.04667	3	-0.40	0%	0
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0739	5.7950	0.03000	5.7433	0.04537	0.04667	3	1.14	0%	0
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0790	5.5850	0.47000	5.7433	0.04537	0.04667	3	-3.49	1%	1
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0747	5.4200	0.16000	5.7433	0.04537	0.04667	3	-7.13	3%	8
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0743	5.6650	0.03000	5.7433	0.04537	0.04667	3	-1.73	1%	8
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0836	5.6900	0.04000	5.7433	0.04537	0.04667	3	-1.18	0%	8
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0740	5.6945	0.03500	5.7433	0.04537	0.04667	3	-1.08	0%	8
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0809	5.7350	0.03000	5.7433	0.04537	0.04667	3	-0.18	0%	8
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	1013	5.7350	0.07000	5.7433	0.04537	0.04667	3	-0.18	0%	8
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0825	5.7500	0.02000	5.7433	0.04537	0.04667	3	0.15	0%	8
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0742	5.7600	0.04000	5.7433	0.04537	0.04667	3	0.37	0%	8
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0746	5.7650	0.03000	5.7433	0.04537	0.04667	3	0.48	0%	8
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0744	5.7800	0.02000	5.7433	0.04537	0.04667	3	0.81	0%	8
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0745	5.8000	0.08000	5.7433	0.04537	0.04667	3	1.25	0%	8
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	1012	5.8000	0.02000	5.7433	0.04537	0.04667	3	1.25	0%	8
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	1000	5.8400	0.06000	5.7433	0.04537	0.04667	3	2.13	1%	8
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0741	6.0500	0.06000	5.7433	0.04537	0.04667	3	6.76	3%	8
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0840	6.0950	0.09000	5.7433	0.04537	0.04667	3	7.75	3%	8
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0748	6.1250	0.03000	5.7433	0.04537	0.04667	3	8.41	3%	8
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0811	6.2150	0.03000	5.7433	0.04537	0.04667	3	10.40	4%	8
012.00	Starch, Polarimetric (Ewers) (%)	2023	0.00000	0.00000			0.00000	1			
012.01	Starch, Megazyme (%)	2004	0.20500	0.01000			0.01000	1			
012.03	Starch, Enzymatic (%)	0098	0.00000	0.00000			0.00000	1			
013.00	Fat, Acid hydrolysis (%)	0504	9.2050	0.09000	9.8250	0.64796	0.09500	4	-0.96	3%	0
013.00	Fat, Acid hydrolysis (%)	2004	9.4000	0.20000	9.8250	0.64796	0.09500	4	-0.66	2%	0
013.00	Fat, Acid hydrolysis (%)	0309	10.075	0.05000	9.8250	0.64796	0.09500	4	0.39	1%	0
013.00	Fat, Acid hydrolysis (%)	2023	10.620	0.04000	9.8250	0.64796	0.09500	4	1.23	4%	0
013.00	Fat, Acid hydrolysis (%)	0809	9.6450	0.27000	9.8250	0.64796	0.09500	4	-0.28	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0738	9.1150	0.07000	10.018	0.34090	0.13394	24	-2.65	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0795	9.3100	0.18000	10.018	0.34090	0.13394	24	-2.08	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0051	9.3750	0.01000	10.018	0.34090	0.13394	24	-1.89	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0098	9.4450	0.07000	10.018	0.34090	0.13394	24	-1.68	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0749	9.4600	0.18000	10.018	0.34090	0.13394	24	-1.64	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2016	9.7550	0.25000	10.018	0.34090	0.13394	24	-0.77	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
013.02	Fat, Mojonnier, Bak Ext (%)	0812	9.7900	0.16000	10.018	0.34090	0.13394	24	-0.67	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0764	9.8600	0.04000	10.018	0.34090	0.13394	24	-0.46	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0959	9.8750	0.17000	10.018	0.34090	0.13394	24	-0.42	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0776	9.8800	0.08000	10.018	0.34090	0.13394	24	-0.40	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0739	9.9750	0.01000	10.018	0.34090	0.13394	24	-0.12	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	10.070	0.02000	10.018	0.34090	0.13394	24	0.15	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	10.100	0.20000	10.018	0.34090	0.13394	24	0.24	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0734	10.125	0.07000	10.018	0.34090	0.13394	24	0.32	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0790	10.145	0.11000	10.018	0.34090	0.13394	24	0.37	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0016	10.150	0.10000	10.018	0.34090	0.13394	24	0.39	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0808	10.160	0.04000	10.018	0.34090	0.13394	24	0.42	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0008	10.190	0.12000	10.018	0.34090	0.13394	24	0.51	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0001	10.264	0.20450	10.018	0.34090	0.13394	24	0.72	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0017	10.300	0.40000	10.018	0.34090	0.13394	24	0.83	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0958	10.405	0.01000	10.018	0.34090	0.13394	24	1.14	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	10.450	0.16000	10.018	0.34090	0.13394	24	1.27	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0824	10.460	0.52000	10.018	0.34090	0.13394	24	1.30	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	10.490	0.04000	10.018	0.34090	0.13394	24	1.39	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0960	9.5200	0.78000	10.018	0.34090	0.13394	24	-1.46	2%	1
013.02	Fat, Mojonnier, Bak Ext (%)	0553	9.8850	1.2500	10.018	0.34090	0.13394	24	-0.39	1%	1
013.02	Fat, Mojonnier, Bak Ext (%)	1013	8.8800	0.02000	10.018	0.34090	0.13394	24	-3.34	6%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0838	8.9250	0.01000	10.018	0.34090	0.13394	24	-3.21	5%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0839	8.9550	0.03000	10.018	0.34090	0.13394	24	-3.12	5%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0799	9.0000	0.10000	10.018	0.34090	0.13394	24	-2.99	5%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0797	9.0250	0.05000	10.018	0.34090	0.13394	24	-2.91	5%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0830	9.0950	0.39000	10.018	0.34090	0.13394	24	-2.71	5%	8
013.02	Fat, Mojonnier, Bak Ext (%)	1002	9.1150	0.13000	10.018	0.34090	0.13394	24	-2.65	5%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0832	9.1700	0.38000	10.018	0.34090	0.13394	24	-2.49	4%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0805	9.2700	0.10000	10.018	0.34090	0.13394	24	-2.19	4%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0827	9.2950	0.17000	10.018	0.34090	0.13394	24	-2.12	4%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0801	9.3200	0.24000	10.018	0.34090	0.13394	24	-2.05	3%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0796	9.3700	0.26000	10.018	0.34090	0.13394	24	-1.90	3%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0814	9.4150	0.37000	10.018	0.34090	0.13394	24	-1.77	3%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0757	9.4300	0.20000	10.018	0.34090	0.13394	24	-1.72	3%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0758	9.4550	0.39000	10.018	0.34090	0.13394	24	-1.65	3%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0816	9.4750	0.17000	10.018	0.34090	0.13394	24	-1.59	3%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0815	9.4950	0.11000	10.018	0.34090	0.13394	24	-1.53	3%	8
013.02	Fat, Mojonnier, Bak Ext (%)	1008	9.5000	0.04000	10.018	0.34090	0.13394	24	-1.52	3%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0750	9.5350	0.09000	10.018	0.34090	0.13394	24	-1.42	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0835	9.5450	0.15000	10.018	0.34090	0.13394	24	-1.39	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	1004	9.5700	0.10000	10.018	0.34090	0.13394	24	-1.31	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0798	9.5750	0.53000	10.018	0.34090	0.13394	24	-1.30	2%	8

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
013.02	Fat, Mojonnier, Bak Ext (%)	0840	9.5750	0.09000	10.018	0.34090	0.13394	24	-1.30	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0811	9.5800	0.14000	10.018	0.34090	0.13394	24	-1.28	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0760	9.5950	0.03000	10.018	0.34090	0.13394	24	-1.24	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	1015	9.5950	0.13000	10.018	0.34090	0.13394	24	-1.24	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	1016	9.5950	0.07000	10.018	0.34090	0.13394	24	-1.24	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0756	9.6150	0.23000	10.018	0.34090	0.13394	24	-1.18	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0834	9.6200	0.08000	10.018	0.34090	0.13394	24	-1.17	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0763	9.6350	0.49000	10.018	0.34090	0.13394	24	-1.12	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0753	9.6400	0.04000	10.018	0.34090	0.13394	24	-1.11	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0804	9.6500	0.10000	10.018	0.34090	0.13394	24	-1.08	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0752	9.6550	0.61000	10.018	0.34090	0.13394	24	-1.06	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0755	9.6700	0.04000	10.018	0.34090	0.13394	24	-1.02	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0754	9.6850	0.01000	10.018	0.34090	0.13394	24	-0.98	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0751	9.6850	0.27000	10.018	0.34090	0.13394	24	-0.98	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0810	9.7000	0.02000	10.018	0.34090	0.13394	24	-0.93	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	1017	9.7600	0.04000	10.018	0.34090	0.13394	24	-0.76	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0841	9.7850	0.01000	10.018	0.34090	0.13394	24	-0.68	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0817	9.8400	0.04000	10.018	0.34090	0.13394	24	-0.52	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	1009	9.8650	0.03000	10.018	0.34090	0.13394	24	-0.45	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	1000	9.8750	0.03000	10.018	0.34090	0.13394	24	-0.42	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0736	9.8800	0.32000	10.018	0.34090	0.13394	24	-0.40	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0778	9.8950	0.03000	10.018	0.34090	0.13394	24	-0.36	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0761	9.9000	0.22000	10.018	0.34090	0.13394	24	-0.34	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0813	9.9400	0.22000	10.018	0.34090	0.13394	24	-0.23	0%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0740	9.9555	0.03100	10.018	0.34090	0.13394	24	-0.18	0%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0803	9.9750	0.05000	10.018	0.34090	0.13394	24	-0.12	0%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0831	10.000	0.12000	10.018	0.34090	0.13394	24	-0.05	0%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0779	10.020	0.08000	10.018	0.34090	0.13394	24	0.01	0%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0742	10.050	0.16000	10.018	0.34090	0.13394	24	0.10	0%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0765	10.060	0.04000	10.018	0.34090	0.13394	24	0.12	0%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0768	10.060	0.04000	10.018	0.34090	0.13394	24	0.12	0%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0766	10.075	0.03000	10.018	0.34090	0.13394	24	0.17	0%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0772	10.075	0.03000	10.018	0.34090	0.13394	24	0.17	0%	8
013.02	Fat, Mojonnier, Bak Ext (%)	1012	10.095	0.05000	10.018	0.34090	0.13394	24	0.23	0%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0743	10.100	0.02000	10.018	0.34090	0.13394	24	0.24	0%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0807	10.100	0.20000	10.018	0.34090	0.13394	24	0.24	0%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0747	10.100	0.08000	10.018	0.34090	0.13394	24	0.24	0%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0769	10.125	0.05000	10.018	0.34090	0.13394	24	0.32	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0806	10.140	0.10000	10.018	0.34090	0.13394	24	0.36	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	1005	10.145	0.15000	10.018	0.34090	0.13394	24	0.37	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0802	10.150	0.22000	10.018	0.34090	0.13394	24	0.39	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0748	10.165	0.31000	10.018	0.34090	0.13394	24	0.43	1%	8

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
013.02	Fat, Mojonnier, Bak Ext (%)	0770	10.165	0.05000	10.018	0.34090	0.13394	24	**0.43**	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0744	10.230	0.08000	10.018	0.34090	0.13394	24	**0.62**	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	1003	10.245	0.23000	10.018	0.34090	0.13394	24	**0.67**	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0771	10.250	0.24000	10.018	0.34090	0.13394	24	**0.68**	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0746	10.255	0.03000	10.018	0.34090	0.13394	24	**0.70**	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0741	10.260	0.12000	10.018	0.34090	0.13394	24	**0.71**	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0745	10.300	0.08000	10.018	0.34090	0.13394	24	**0.83**	1%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0828	10.335	0.03000	10.018	0.34090	0.13394	24	**0.93**	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0836	10.360	0.26000	10.018	0.34090	0.13394	24	**1.00**	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0825	10.385	0.03000	10.018	0.34090	0.13394	24	**1.08**	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0791	10.410	0.70000	10.018	0.34090	0.13394	24	**1.15**	2%	8
013.02	Fat, Mojonnier, Bak Ext (%)	0800	11.590	0.30000	10.018	0.34090	0.13394	24	**4.61**	8%	8
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0033	9.2750	0.09000	9.5650	0.41012	0.10000	2	-0.71	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0660	9.8550	0.11000	9.5650	0.41012	0.10000	2	0.71	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0015	8.3150	0.05000	9.0250	1.0041	0.08000	2	-0.71	4%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0042	9.7350	0.11000	9.0250	1.0041	0.08000	2	0.71	4%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	1,220.0	60.000	1,347.6	123.10	48.700	3	-1.04	5%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	1,357.0	36.000	1,347.6	123.10	48.700	3	0.08	0%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0964	1,465.7	50.100	1,347.6	123.10	48.700	3	0.96	4%	0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	1,725.0	86.000			86.000	1			
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	5.5500	0.30000			0.30000	1			
019.31	Calcium, AAS, Dry ash (%)	0208	5.7450	0.21000	5.8275	0.11667	0.13500	2	-0.71	1%	0
019.31	Calcium, AAS, Dry ash (%)	0650	5.9100	0.06000	5.8275	0.11667	0.13500	2	0.71	1%	0
019.32	Calcium, AAS, Open vessel (%)	0035	5.8820	0.03400	5.9863	0.14743	0.05650	2	-0.71	1%	0
019.32	Calcium, AAS, Open vessel (%)	0504	6.0905	0.07900	5.9863	0.14743	0.05650	2	0.71	1%	0
019.33	Calcium, AAS, Microwave (%)	0504	5.9925	0.16500			0.16500	1			
019.41	Calcium, ICP, Dry ash (%)	0171	5.5450	0.11000	5.7412	0.18303	0.11349	11	**-1.07**	2%	0
019.41	Calcium, ICP, Dry ash (%)	0511	5.5500	0.16000	5.7412	0.18303	0.11349	11	**-1.04**	2%	0
019.41	Calcium, ICP, Dry ash (%)	0164	5.5950	0.21000	5.7412	0.18303	0.11349	11	**-0.80**	1%	0
019.41	Calcium, ICP, Dry ash (%)	0051	5.6193	0.07740	5.7412	0.18303	0.11349	11	**-0.67**	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	5.6600	0.16000	5.7412	0.18303	0.11349	11	**-0.44**	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	5.7700	0.12000	5.7412	0.18303	0.11349	11	**0.16**	0%	0
019.41	Calcium, ICP, Dry ash (%)	0512	5.7760	0.01400	5.7412	0.18303	0.11349	11	**0.19**	0%	0
019.41	Calcium, ICP, Dry ash (%)	0003	5.8150	0.03000	5.7412	0.18303	0.11349	11	**0.40**	1%	0
019.41	Calcium, ICP, Dry ash (%)	2023	5.8450	0.01000	5.7412	0.18303	0.11349	11	**0.57**	1%	0
019.41	Calcium, ICP, Dry ash (%)	0964	5.9625	0.28700	5.7412	0.18303	0.11349	11	**1.21**	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	6.3750	0.07000	5.7412	0.18303	0.11349	11	**3.46**	6%	0
019.42	Calcium, ICP, Open vessel (%)	0035	5.4000	0.02600	5.6573	0.36381	0.07750	2	-0.71	2%	0
019.42	Calcium, ICP, Open vessel (%)	0504	5.9145	0.12900	5.6573	0.36381	0.07750	2	0.71	2%	0
019.43	Calcium, ICP, Microwave (%)	0043	4.9450	0.09000	5.8268	0.63669	0.39444	5	-1.38	8%	0
019.43	Calcium, ICP, Microwave (%)	0008	5.7900	0.16000	5.8268	0.63669	0.39444	5	-0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	0033	5.8000	0.20000	5.8268	0.63669	0.39444	5	-0.04	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
019.43	Calcium, ICP, Microwave (%)	0098	5.8550	0.15000	5.8268	0.63669	0.39444	5	0.04	0%	0
019.43	Calcium, ICP, Microwave (%)	0964	6.7439	1.3722	5.8268	0.63669	0.39444	5	1.44	8%	0
019.44	Calcium, ICP, Dry ash (%)	2004	5.8050	0.27000			0.27000	1			
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	1.5500	0.10000			0.10000	1			
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0964	1.9430	0.06400			0.06400	1			
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	2.0150	0.01000	2.1130	0.10279	0.05797	3	-0.95	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	2.1041	0.12390	2.1130	0.10279	0.05797	3	-0.09	0%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0003	2.2200	0.04000	2.1130	0.10279	0.05797	3	1.04	3%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	2.3000	0.18000			0.18000	1			
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	5.4750	0.13000	6.8188	1.9003	0.54850	2	-0.71	10%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	8.1625	0.96700	6.8188	1.9003	0.54850	2	0.71	10%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0504	6.8950	8.2500			8.2500	1			
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	2.5000	1.0000	4.2535	1.1578	0.88943	7	**-1.51**	21%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	3.5000	0.00000	4.2535	1.1578	0.88943	7	**-0.65**	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0964	3.8990	0.55600	4.2535	1.1578	0.88943	7	**-0.31**	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0051	4.1250	1.8100	4.2535	1.1578	0.88943	7	**-0.11**	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	4.4850	0.09000	4.2535	1.1578	0.88943	7	**0.20**	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	6.6150	0.77000	4.2535	1.1578	0.88943	7	**2.04**	28%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	9.0000	2.0000	4.2535	1.1578	0.88943	7	**4.10**	56%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	4.9830	0.27800			0.27800	1			
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	2.0350	0.31000	3.6817	1.4505	0.25000	3	-1.14	22%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	4.2400	0.02000	3.6817	1.4505	0.25000	3	0.38	8%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	4.7700	0.42000	3.6817	1.4505	0.25000	3	0.75	15%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	4.6750	0.11000			0.11000	1			
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2023	3.6150	0.27000			0.27000	1			
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	1,074.0	6.0000	1,104.5	43.134	11.000	2	-0.71	1%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	1,135.0	16.000	1,104.5	43.134	11.000	2	0.71	1%	0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0504	1,256.0	296.00			296.00	1			
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	973.50	33.000	1,103.9	42.325	21.843	7	**-3.08**	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	1,050.0	20.000	1,103.9	42.325	21.843	7	**-1.27**	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0051	1,107.0	8.0000	1,103.9	42.325	21.843	7	**0.07**	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	1,112.0	4.0000	1,103.9	42.325	21.843	7	**0.19**	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	1,118.5	29.000	1,103.9	42.325	21.843	7	**0.35**	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	1,138.5	33.000	1,103.9	42.325	21.843	7	**0.82**	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0964	1,145.2	25.900	1,103.9	42.325	21.843	7	**0.97**	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	1,081.0	2.0000			2.0000	1			
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2023	791.50	3.0000	1,117.8	104.37	33.786	7	**-3.13**	15%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0043	983.00	16.000	1,117.8	104.37	33.786	7	**-1.29**	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	1,113.5	25.000	1,117.8	104.37	33.786	7	**-0.04**	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0003	1,130.0	76.000	1,117.8	104.37	33.786	7	**0.12**	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0033	1,161.5	25.000	1,117.8	104.37	33.786	7	**0.42**	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0008	1,190.0	20.000	1,117.8	104.37	33.786	7	**0.69**	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	1,236.7	71.500	1,117.8	104.37	33.786	7	1.14	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.27455	0.00110			0.00110	1			
027.32	Magnesium, AAS, Open vessel (%)	0504	0.25700	0.01000	0.26535	0.01181	0.01770	2	-0.71	2%	0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.27370	0.02540	0.26535	0.01181	0.01770	2	0.71	2%	0
027.33	Magnesium, AAS, Microwave (%)	0504	0.23600	0.00200			0.00200	1			
027.41	Magnesium, ICP, Dry ash (%)	0051	0.25855	0.00210	0.26666	0.00456	0.00450	7	-1.78	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.26100	0.00600	0.26666	0.00456	0.00450	7	-1.24	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.26500	0.01000	0.26666	0.00456	0.00450	7	-0.36	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.26750	0.00300	0.26666	0.00456	0.00450	7	0.18	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0964	0.26820	0.00840	0.26666	0.00456	0.00450	7	0.34	0%	0
027.41	Magnesium, ICP, Dry ash (%)	2023	0.26900	0.00200	0.26666	0.00456	0.00450	7	0.51	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.28000	0.00000	0.26666	0.00456	0.00450	7	2.93	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.25310	0.00160			0.00160	1			
027.43	Magnesium, ICP, Microwave (%)	0043	0.23000	0.00000	0.27280	0.02810	0.00800	5	-1.52	8%	0
027.43	Magnesium, ICP, Microwave (%)	0008	0.27100	0.00600	0.27280	0.02810	0.00800	5	-0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.27500	0.01000	0.27280	0.02810	0.00800	5	0.08	0%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.27950	0.00700	0.27280	0.02810	0.00800	5	0.24	1%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.30850	0.01700	0.27280	0.02810	0.00800	5	1.27	7%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.25250	0.00100			0.00100	1			
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	62.200	0.88000	62.343	0.20153	0.72500	2	-0.71	0%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	62.485	0.57000	62.343	0.20153	0.72500	2	0.71	0%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	66.960	9.5200			9.5200	1			
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	54.500	3.0000	58.059	3.1265	2.0700	6	-1.14	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0051	56.005	0.49000	58.059	3.1265	2.0700	6	-0.66	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0964	57.010	1.4200	58.059	3.1265	2.0700	6	-0.34	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	59.050	4.7000	58.059	3.1265	2.0700	6	0.32	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	59.675	0.81000	58.059	3.1265	2.0700	6	0.52	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	63.000	2.0000	58.059	3.1265	2.0700	6	1.58	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	57.300	1.7000			1.7000	1			
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0008	61.800	1.8000	64.344	4.3203	3.6275	4	-0.59	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	62.285	2.4700	64.344	4.3203	3.6275	4	-0.48	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0033	62.480	0.94000	64.344	4.3203	3.6275	4	-0.43	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	70.810	9.3000	64.344	4.3203	3.6275	4	1.50	5%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2023	58.850	0.30000	59.925	1.5203	0.25000	2	-0.71	1%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	61.000	0.20000	59.925	1.5203	0.25000	2	0.71	1%	0
031.01	Phosphorus, Photometric (%)	0511	3.1850	0.09000	3.3377	0.13387	0.05467	3	-1.14	2%	0
031.01	Phosphorus, Photometric (%)	0035	3.3930	0.00400	3.3377	0.13387	0.05467	3	0.41	1%	0
031.01	Phosphorus, Photometric (%)	0208	3.4350	0.07000	3.3377	0.13387	0.05467	3	0.73	1%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%	0043	3.3500	0.00000			0.00000	1			
031.41	Phosphorus, ICP, Dry ash (%)	0171	3.1850	0.03000	3.3334	0.10482	0.08752	10	-1.42	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0964	3.1850	0.08800	3.3334	0.10482	0.08752	10	-1.42	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	3.2900	0.04000	3.3334	0.10482	0.08752	10	-0.41	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
031.41	Phosphorus, ICP, Dry ash (%)	0164	3.2900	0.06000	3.3334	0.10482	0.08752	10	**-0.41**	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	3.3100	0.14000	3.3334	0.10482	0.08752	10	**-0.22**	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	3.3650	0.11000	3.3334	0.10482	0.08752	10	**0.30**	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0512	3.3955	0.20300	3.3334	0.10482	0.08752	10	**0.59**	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	3.4050	0.05000	3.3334	0.10482	0.08752	10	**0.68**	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0051	3.4058	0.10420	3.3334	0.10482	0.08752	10	**0.69**	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	3.6550	0.05000	3.3334	0.10482	0.08752	10	**3.07**	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	3.1310	0.03400	3.1878	0.08026	0.09050	2	-0.71	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	3.2445	0.14700	3.1878	0.08026	0.09050	2	0.71	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	2.8950	0.05000	3.2500	0.22000	0.03000	5	-1.61	5%	0
031.43	Phosphorus, ICP, Microwave (%)	2023	3.1850	0.03000	3.2500	0.22000	0.03000	5	-0.30	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	3.3450	0.01000	3.2500	0.22000	0.03000	5	0.43	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	3.3850	0.04000	3.2500	0.22000	0.03000	5	0.61	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0008	3.4400	0.02000	3.2500	0.22000	0.03000	5	0.86	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	3.7588	0.79830	3.2500	0.22000	0.03000	5	2.31	8%	1
031.44	Phosphorus, ICP, Dry ash (%)	2004	3.3350	0.01000			0.01000	1			
032.32	Potassium, AAS, Open vessel (%)	0035	0.87505	0.02130			0.02130	1			
032.41	Potassium, ICP, Dry ash (%)	0964	0.87100	0.05600	0.92096	0.04244	0.02740	7	**-1.18**	3%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.88000	0.00200	0.92096	0.04244	0.02740	7	**-0.96**	2%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.90000	0.02000	0.92096	0.04244	0.02740	7	**-0.49**	1%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.93500	0.01000	0.92096	0.04244	0.02740	7	**0.33**	1%	0
032.41	Potassium, ICP, Dry ash (%)	0003	0.94500	0.05000	0.92096	0.04244	0.02740	7	**0.57**	1%	0
032.41	Potassium, ICP, Dry ash (%)	0051	0.94570	0.01380	0.92096	0.04244	0.02740	7	**0.58**	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.97000	0.04000	0.92096	0.04244	0.02740	7	**1.16**	3%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.82500	0.00800	0.85775	0.04632	0.02050	2	-0.71	2%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.89050	0.03300	0.85775	0.04632	0.02050	2	0.71	2%	0
032.43	Potassium, ICP, Microwave (%)	0033	0.90450	0.01100	0.95574	0.07137	0.04944	5	-0.72	3%	0
032.43	Potassium, ICP, Microwave (%)	0008	0.91050	0.03700	0.95574	0.07137	0.04944	5	-0.63	2%	0
032.43	Potassium, ICP, Microwave (%)	2023	0.91900	0.01600	0.95574	0.07137	0.04944	5	-0.51	2%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.97000	0.06000	0.95574	0.07137	0.04944	5	0.20	1%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.0747	0.12320	0.95574	0.07137	0.04944	5	1.67	6%	0
032.44	Potassium, ICP, Dry ash (%)	2004	0.89250	0.07300			0.07300	1			
033.00	Salt as chloride, Soluble Cl (%)	0309	1.5400	0.00000			0.00000	1			
033.01	Salt as chloride, Potentiometric Cl (%)	0650	0.44500	0.01000	1.5433	0.06968	0.00750	6	**-15.76**	36%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0226	1.4700	0.00000	1.5433	0.06968	0.00750	6	**-1.05**	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0164	1.5350	0.01000	1.5433	0.06968	0.00750	6	**-0.12**	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0964	1.5845	0.00500	1.5433	0.06968	0.00750	6	**0.59**	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0098	1.6000	0.02000	1.5433	0.06968	0.00750	6	**0.81**	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	2023	1.6000	0.00000	1.5433	0.06968	0.00750	6	**0.81**	2%	0
033.05	Salt as chloride, Ion-selective electrode (%)	0171	1.4100	0.02000			0.02000	1			
033.99	Salt, Miscellaneous (%)	0171	1.4300	0.00000	1.6453	0.30441	0.02450	2	-0.71	7%	0
033.99	Salt, Miscellaneous (%)	0964	1.8605	0.04900	1.6453	0.30441	0.02450	2	0.71	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
034.01	Selenium, Fluorometer (mg / kg (ppm))	0098	2.6100	0.02000			0.02000	1			
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	2.2450	0.15000	2.4925	0.35002	0.11500	2	-0.71	5%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	2.7400	0.08000	2.4925	0.35002	0.11500	2	0.71	5%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	2.3840	0.08600	5.2613	4.5609	3.8287	3	-0.63	27%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0003	2.8800	0.40000	5.2613	4.5609	3.8287	3	-0.52	23%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0504	10.520	11.000	5.2613	4.5609	3.8287	3	1.15	50%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0033	2.5600	0.02000	2.7733	0.25794	0.11333	3	-0.83	4%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2023	2.7000	0.20000	2.7733	0.25794	0.11333	3	-0.28	1%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	3.0600	0.12000	2.7733	0.25794	0.11333	3	1.11	5%	0
035.32	Sodium, AAS, Open vessel (%)	0035	0.65170	0.01540			0.01540	1			
035.41	Sodium, ICP, Dry ash (%)	0171	0.72000	0.02000	0.78483	0.04267	0.01772	9	**-1.52**	4%	0
035.41	Sodium, ICP, Dry ash (%)	0964	0.73200	0.01940	0.78483	0.04267	0.01772	9	**-1.24**	3%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.75000	0.00000	0.78483	0.04267	0.01772	9	**-0.82**	2%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.77000	0.01000	0.78483	0.04267	0.01772	9	**-0.35**	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.79500	0.01000	0.78483	0.04267	0.01772	9	**0.24**	1%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.79900	0.01200	0.78483	0.04267	0.01772	9	**0.33**	1%	0
035.41	Sodium, ICP, Dry ash (%)	0051	0.81035	0.03110	0.78483	0.04267	0.01772	9	**0.60**	2%	0
035.41	Sodium, ICP, Dry ash (%)	2023	0.81150	0.01700	0.78483	0.04267	0.01772	9	**0.63**	2%	0
035.41	Sodium, ICP, Dry ash (%)	0003	1.0500	0.04000	0.78483	0.04267	0.01772	9	**6.21**	17%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.65540	0.00400	0.69970	0.06265	0.02400	2	-0.71	3%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.74400	0.04400	0.69970	0.06265	0.02400	2	0.71	3%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.19000	0.00000	0.67643	0.27790	0.02930	5	-1.75	36%	0
035.43	Sodium, ICP, Microwave (%)	0008	0.75450	0.01900	0.67643	0.27790	0.02930	5	0.28	6%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.75750	0.01500	0.67643	0.27790	0.02930	5	0.29	6%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.78500	0.01000	0.67643	0.27790	0.02930	5	0.39	8%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.89515	0.10250	0.67643	0.27790	0.02930	5	0.79	16%	0
036.04	Sulfur, LECO (%)	0226	0.74000	0.08000	0.79750	0.08132	0.05500	2	-0.71	4%	0
036.04	Sulfur, LECO (%)	0098	0.85500	0.03000	0.79750	0.08132	0.05500	2	0.71	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.76500	0.01000	0.79950	0.04879	0.00700	2	-0.71	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.83400	0.00400	0.79950	0.04879	0.00700	2	0.71	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.83500	0.01000			0.01000	1			
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	122.80	1.4000	126.23	4.8437	1.7500	2	-0.71	1%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	129.65	2.1000	126.23	4.8437	1.7500	2	0.71	1%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	130.25	27.700			27.700	1			
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	111.50	5.0000	116.50	4.6057	5.0657	7	**-1.08**	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0051	113.03	8.3600	116.50	4.6057	5.0657	7	**-0.75**	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	114.50	0.40000	116.50	4.6057	5.0657	7	**-0.43**	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	115.00	8.0000	116.50	4.6057	5.0657	7	**-0.32**	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	119.00	4.0000	116.50	4.6057	5.0657	7	**0.54**	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0964	119.65	0.70000	116.50	4.6057	5.0657	7	**0.68**	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	125.50	9.0000	116.50	4.6057	5.0657	7	**1.96**	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	122.70	1.2000			1.2000	1			

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2023	120.50	7.0000	124.77	2.5342	6.3450	6	**-1.68**	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0504	122.70	21.600	124.77	2.5342	6.3450	6	**-0.82**	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	124.70	2.2000	124.77	2.5342	6.3450	6	**-0.03**	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0008	125.50	1.0000	124.77	2.5342	6.3450	6	**0.29**	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	125.50	5.0000	124.77	2.5342	6.3450	6	**0.29**	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	128.94	1.2700	124.77	2.5342	6.3450	6	**1.64**	2%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	126.50	7.0000			7.0000	1			
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0964	0.31415	0.07030			0.07030	1			
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	0.33895	0.17090	0.50948	0.24116	0.08545	2	-0.71	17%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0003	0.68000	0.00000	0.50948	0.24116	0.08545	2	0.71	17%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2023	0.37500	0.03000	0.41375	0.05480	0.02250	2	-0.71	5%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	0.45250	0.01500	0.41375	0.05480	0.02250	2	0.71	5%	0
040.43	Barium, ICP, Microwave (mg / kg (ppm))	0504	10.930	0.60000			0.60000	1			
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	6.2100	0.02000			0.02000	1			
057.00	Ethoxyquin, Fluorometer (mg / kg (ppm))	0171	598.50	7.0000			7.0000	1			
057.01	Ethoxyquin, LC (mg / kg (ppm))	0047	91.450	1.9000	259.48	237.62	2.4500	2	-0.71	32%	0
057.01	Ethoxyquin, LC (mg / kg (ppm))	0227	427.50	3.0000	259.48	237.62	2.4500	2	0.71	32%	0
057.99	Ethoxyquin, Miscellaneous (mg / kg (ppm))	0942	413.50	31.000			31.000	1			
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	1,225.0	90.000			90.000	1			
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	109.00	6.0000			6.0000	1			
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	10.265	0.67000			0.67000	1			
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	3.3800	0.22000			0.22000	1			
104.03	Riboflavin, LC (mg / kg (ppm))	2023	5.3500	0.70000			0.70000	1			
105.00	Thiamine, LC (mg / kg (ppm))	2023	1.6500	0.10000			0.10000	1			
106.02	Vitamin A, LC (KU / kg)	2004	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0
106.02	Vitamin A, LC (KU / kg)	2023	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	284.00	22.000			22.000	1			
108.01	Vitamin D3, LC, AOAC (KU / kg)	2023	1.4250	0.03000			0.03000	1			
108.02	Vitamin D3, LC (KU / kg)	0227	1.5500	0.12000			0.12000	1			
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	1.5750	0.05000			0.05000	1			
109.02	Vitamin E, LC (mg / kg (ppm))	2023	2.3000	0.20000	6.0825	5.3493	0.19500	2	-0.71	31%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0227	9.8650	0.19000	6.0825	5.3493	0.19500	2	0.71	31%	0
113.01	Folic Acid, Microbiological (mg / kg (ppm))	0227	0.30500	0.01000			0.01000	1			
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.32000	0.00000			0.00000	1			
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	3.8700	0.10000	4.0083	0.14835	0.04333	3	-0.93	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	3.9900	0.00000	4.0083	0.14835	0.04333	3	-0.12	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	4.1650	0.03000	4.0083	0.14835	0.04333	3	1.06	2%	0
120.02	Alanine, Post-col OPA Der (%)	2023	3.8300	0.04000			0.04000	1			
120.05	Alanine, Pre-col AQC Der (%)	0008	4.1460	0.32200			0.32200	1			
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	3.7400	0.08000	3.9400	0.22271	0.04667	3	-0.90	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	3.9000	0.06000	3.9400	0.22271	0.04667	3	-0.18	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	4.1800	0.00000	3.9400	0.22271	0.04667	3	1.08	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
121.02	Arginine, Post-col OPA Der (%)	2023	3.9700	0.02000			0.02000	1			
121.05	Arginine, Pre-col AQC Der (%)	0008	4.1410	0.46000			0.46000	1			
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	5.5050	0.05000	6.0467	0.53755	0.02667	3	-1.01	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	6.0550	0.03000	6.0467	0.53755	0.02667	3	0.02	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	6.5800	0.00000	6.0467	0.53755	0.02667	3	0.99	4%	0
122.02	Aspartic, Post-col OPA Der (%)	2023	5.5600	0.08000			0.08000	1			
122.05	Aspartic, Pre-col AQC Der (%)	0008	6.1455	0.46900			0.46900	1			
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.47500	0.01000	0.49333	0.01607	0.00667	3	-1.14	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.50000	0.00000	0.49333	0.01607	0.00667	3	0.41	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.50500	0.01000	0.49333	0.01607	0.00667	3	0.73	1%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	2023	0.62000	0.02000			0.02000	1			
124.99	Cysteine/Cystine, Miscellaneous (%)	0008	0.39550	0.05900			0.05900	1			
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	8.1900	0.32000	9.1700	1.3423	0.10667	3	-0.73	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	8.6200	0.00000	9.1700	1.3423	0.10667	3	-0.41	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	10.700	0.00000	9.1700	1.3423	0.10667	3	1.14	8%	0
125.02	Glutamic, Post-col OPA Der (%)	2023	7.5850	0.01000			0.01000	1			
125.05	Glutamic, Pre-col AQC Der (%)	0008	8.8355	0.85100			0.85100	1			
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	4.5200	0.08000	4.8267	0.28378	0.04667	3	-1.08	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	4.8800	0.06000	4.8267	0.28378	0.04667	3	0.19	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	5.0800	0.00000	4.8267	0.28378	0.04667	3	0.89	3%	0
126.02	Glycine, Post-col OPA Der (%)	2023	4.7300	0.04000			0.04000	1			
126.05	Glycine, Pre-col AQC Der (%)	0008	5.0250	0.58400			0.58400	1			
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	1.3600	0.04000	1.4483	0.09005	0.02333	3	-0.98	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	1.4450	0.03000	1.4483	0.09005	0.02333	3	-0.04	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	1.5400	0.00000	1.4483	0.09005	0.02333	3	1.02	3%	0
127.02	Histidine, Post-col OPA Der (%)	2023	1.3650	0.01000			0.01000	1			
127.05	Histidine, Pre-col AQC Der (%)	0008	1.4710	0.17400			0.17400	1			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	2.5000	0.00000	2.5750	0.06614	0.03000	3	-1.13	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	2.6000	0.06000	2.5750	0.06614	0.03000	3	0.38	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	2.6250	0.03000	2.5750	0.06614	0.03000	3	0.76	1%	0
128.02	Isoleucine, Post-col OPA Der (%)	2023	2.4800	0.02000			0.02000	1			
128.05	Isoleucine, Pre-col AQC Der (%)	0008	2.6600	0.16600			0.16600	1			
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	4.5050	0.03000	4.6250	0.15500	0.03000	3	-0.77	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	4.5700	0.06000	4.6250	0.15500	0.03000	3	-0.35	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	4.8000	0.00000	4.6250	0.15500	0.03000	3	1.13	2%	0
129.02	Leucine, Post-col OPA Der (%)	2023	4.4800	0.00000			0.00000	1			
129.05	Leucine, Pre-col AQC Der (%)	0008	4.6605	0.40300			0.40300	1			
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	4.8000	0.06000	4.9500	0.13229	0.06667	3	-1.13	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	5.0000	0.14000	4.9500	0.13229	0.06667	3	0.38	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	5.0500	0.00000	4.9500	0.13229	0.06667	3	0.76	1%	0
130.02	L-Lysine, Post-col OPA Der (%)	2023	4.8650	0.13000			0.13000	1			
130.05	L-Lysine, Pre-col AQC Der (%)	0008	4.9810	0.33000			0.33000	1			

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	1.5200	0.00000	1.6617	0.13156	0.04333	3	-1.08	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	1.6850	0.05000	1.6617	0.13156	0.04333	3	0.18	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	1.7800	0.08000	1.6617	0.13156	0.04333	3	0.90	4%	0
131.02	Methionine, PAO Post-col OPA Der (%)	2023	1.9850	0.13000			0.13000	1			
131.99	Methionine, Miscellaneous (%)	0008	1.9400	0.26600			0.26600	1			
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	2.5650	0.03000	2.6000	0.05220	0.02667	3	-0.67	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	2.5750	0.05000	2.6000	0.05220	0.02667	3	-0.48	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	2.6600	0.00000	2.6000	0.05220	0.02667	3	1.15	1%	0
132.02	Phenylalanine, Post-col OPA Der (%)	2023	2.4450	0.03000			0.03000	1			
132.05	Phenylalanine, Pre-col AQC Der (%)	0008	2.6130	0.31000			0.31000	1			
133.00	Proline, Post-col Ninhydrin Der (%)	0504	2.9350	0.23000	3.2717	0.41123	0.11667	3	-0.82	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	3.1500	0.12000	3.2717	0.41123	0.11667	3	-0.30	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	3.7300	0.00000	3.2717	0.41123	0.11667	3	1.11	7%	0
133.05	Proline, Pre-col AQC Der (%)	0008	3.2090	0.23800			0.23800	1			
133.99	Proline, Miscellaneous (%)	2023	5.9450	0.11000			0.11000	1			
134.00	Serine, Post-col Ninhydrin Der (%)	0504	2.3350	0.21000	2.6133	0.30538	0.07333	3	-0.91	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	2.5650	0.01000	2.6133	0.30538	0.07333	3	-0.16	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	2.9400	0.00000	2.6133	0.30538	0.07333	3	1.07	6%	0
134.02	Serine, Post-col OPA Der (%)	2023	2.4300	0.06000			0.06000	1			
134.05	Serine, Pre-col AQC Der (%)	0008	2.6635	0.31100			0.31100	1			
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	2.5850	0.03000	2.6683	0.07816	0.03000	3	-1.07	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	2.6800	0.00000	2.6683	0.07816	0.03000	3	0.15	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	2.7400	0.06000	2.6683	0.07816	0.03000	3	0.92	1%	0
135.02	Threonine, Post-col OPA Der (%)	2023	2.5400	0.04000			0.04000	1			
135.05	Threonine, Pre-col AQC Der (%)	0008	2.8460	0.31400			0.31400	1			
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0227	0.68500	0.01000			0.01000	1			
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0008	0.55250	0.02500			0.02500	1			
136.02	Tryptophan, Alka-Hydrol Post-col OPA Der (%)	2023	0.58500	0.03000			0.03000	1			
136.99	Tryptophan, Miscellaneous (%)	0504	0.59000	0.12000			0.12000	1			
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	2.0150	0.03000	2.0900	0.10500	0.01333	3	-0.71	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	2.0450	0.01000	2.0900	0.10500	0.01333	3	-0.43	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	2.2100	0.00000	2.0900	0.10500	0.01333	3	1.14	3%	0
137.02	Tyrosine, Post-col OPA Der (%)	2023	1.9800	0.02000			0.02000	1			
137.05	Tyrosine, Pre-col AQC Der (%)	0008	2.0030	0.33000			0.33000	1			
138.00	Valine, Post-col Ninhydrin Der (%)	0504	2.9500	0.02000	3.0183	0.06752	0.01000	3	-1.01	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	3.0200	0.00000	3.0183	0.06752	0.01000	3	0.02	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	3.0850	0.01000	3.0183	0.06752	0.01000	3	0.99	1%	0
138.02	Valine, Post-col OPA Der (%)	2023	2.4700	0.02000			0.02000	1			
138.05	Valine, Pre-col AQC Der (%)	0008	3.3670	0.25000			0.25000	1			
139.00	Taurine, Post-col Ninhydrin Der (%)	0171	0.37000	0.00000	0.38000	0.01414	0.00000	2	-0.71	1%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.39000	0.00000	0.38000	0.01414	0.00000	2	0.71	1%	0
139.02	Taurine, Post-col OPA Der (%)	2023	0.29500	0.01000			0.01000	1			

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
139.05	Taurine, Pre-col AQC Der (%)	0008	0.39500	0.05400			0.05400	1			
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.27500	0.01000			0.01000	1			
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	3.9775	0.27500			0.27500	1			
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0964	4.2743	0.09540	5.7717	2.1176	0.98670	2	-0.71	13%	0
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0504	7.2690	1.8780	5.7717	2.1176	0.98670	2	0.71	13%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	4.0900	0.06000	4.2493	0.22521	0.07650	2	-0.71	2%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	4.4085	0.09300	4.2493	0.22521	0.07650	2	0.71	2%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0003	0.04000	0.00000			0.00000	1			
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.08200	0.00400	0.09188	0.00875	0.00477	3	-1.13	5%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0033	0.09500	0.01000	0.09188	0.00875	0.00477	3	0.36	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.09865	0.00030	0.09188	0.00875	0.00477	3	0.77	4%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0964	5.0267	0.12870	5.3033	0.39128	0.40435	2	-0.71	3%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0003	5.5800	0.68000	5.3033	0.39128	0.40435	2	0.71	3%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2023	4.0150	0.27000	4.4675	0.63993	0.26500	2	-0.71	5%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	4.9200	0.26000	4.4675	0.63993	0.26500	2	0.71	5%	0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0003	1.8400	0.48000	2.1653	0.46001	0.32455	2	-0.71	8%	0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0964	2.4906	0.16910	2.1653	0.46001	0.32455	2	0.71	8%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	1.9550	0.17000	2.0167	0.09828	0.07333	3	-0.63	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0033	1.9650	0.03000	2.0167	0.09828	0.07333	3	-0.53	1%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	2.1300	0.02000	2.0167	0.09828	0.07333	3	1.15	3%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0171	77.500	9.0000	83.525	6.6935	6.8000	4	-0.90	4%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0227	81.500	5.0000	83.525	6.6935	6.8000	4	-0.30	1%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0033	82.000	2.0000	83.525	6.6935	6.8000	4	-0.23	1%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0553	93.100	11.200	83.525	6.6935	6.8000	4	1.43	6%	0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0964	2.1268	0.03650	2.5434	0.58920	0.09825	2	-0.71	8%	0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0003	2.9600	0.16000	2.5434	0.58920	0.09825	2	0.71	8%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	2023	1.8450	0.11000	2.0625	0.30759	0.13500	2	-0.71	5%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	2.2800	0.16000	2.0625	0.30759	0.13500	2	0.71	5%	0
640.01	T-2, Neogen Veratox T-2 / HT-2 (µg / kg (ppb))	0227	124.40	24.400							
650.01	Zearalenone, Neogen Veratox Zearalenone (µg / k	0227	19.000	2.0000							