AAFCO Proficiency Testing Program

ANAB ACCREDITED ISO/IEC 17043 PROFICIENCY TESTING PROVIDER

AAFCO PTP Animal Feed Scheme

Animal Feed Scheme

Cattle Feed, Medicated

Test Material Code # 202024

Method Proficiency Testing Report

 # Labs Reporting: 164

 # Methods Reported 421

Issue Date : 05/31/2020

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
000.02	Urea, As protein, Colorimetric (%)	0278	0.8000	0.0000				1			0
000.02	Urea, As protein, Colorimetric (%)	2302	0.0000	0.0000				1			4
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	8.655	0.0100				2			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	8.990	0.0400				2			0
001.03	Loss on Drying, Low temp. methods (%)	2152	8.950	0.0200	9.060	0.0845	0.0371	8	-1.30	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0878	8.995	0.0500	9.060	0.0845	0.0371	8	-0.77	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2295	9.005	0.0100	9.060	0.0845	0.0371	8	-0.65	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	9.070	0.0400	9.060	0.0845	0.0371	8	0.12	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0843	9.080	0.1000	9.060	0.0845	0.0371	8	0.24	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.085	0.0100	9.060	0.0845	0.0371	8	0.30	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	9.108	0.0064	9.060	0.0845	0.0371	8	0.57	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	9.240	0.0600	9.060	0.0845	0.0371	8	2.13	1%	0
001.05	Loss on Drying, LECO (%)	0968	9.607	0.0090				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	7.850	0.7000	8.983	0.1767	0.1216	40	-6.41	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.590	0.0000	8.983	0.1767	0.1216	40	-2.22	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	8.615	0.0300	8.983	0.1767	0.1216	40	-2.08	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	8.620	0.1200	8.983	0.1767	0.1216	40	-2.05	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	8.750	0.0000	8.983	0.1767	0.1216	40	-1.32	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.775	0.0500	8.983	0.1767	0.1216	40	-1.18	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	8.795	0.1300	8.983	0.1767	0.1216	40	-1.06	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	8.822	0.0270	8.983	0.1767	0.1216	40	-0.91	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	8.850	0.0400	8.983	0.1767	0.1216	40	-0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	8.850	0.1000	8.983	0.1767	0.1216	40	-0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	8.860	0.0200	8.983	0.1767	0.1216	40	-0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	8.900	0.0000	8.983	0.1767	0.1216	40	-0.47	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	8.910	0.1600	8.983	0.1767	0.1216	40	-0.41	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	8.947	0.0082	8.983	0.1767	0.1216	40	-0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	8.950	0.3600	8.983	0.1767	0.1216	40	-0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.960	0.0200	8.983	0.1767	0.1216	40	-0.13	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	8.965	0.0700	8.983	0.1767	0.1216	40	-0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	8.985	0.0500	8.983	0.1767	0.1216	40	0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	9.000	0.0000	8.983	0.1767	0.1216	40	0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	9.000	0.0400	8.983	0.1767	0.1216	40	0.10	0%	0

Test Material Code # 202024	Method Proficiency Testing Report								Issue Date : 05/31/2020		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	9.010	0.0200	8.983	0.1767	0.1216	40	0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	9.018	0.0509	8.983	0.1767	0.1216	40	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	9.020	0.4600	8.983	0.1767	0.1216	40	0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	9.030	0.0200	8.983	0.1767	0.1216	40	0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	9.040	0.0000	8.983	0.1767	0.1216	40	0.32	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	9.040	0.0800	8.983	0.1767	0.1216	40	0.32	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	9.050	0.3000	8.983	0.1767	0.1216	40	0.38	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	9.060	0.0200	8.983	0.1767	0.1216	40	0.44	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	9.070	0.0400	8.983	0.1767	0.1216	40	0.49	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	9.080	0.0400	8.983	0.1767	0.1216	40	0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.080	0.1000	8.983	0.1767	0.1216	40	0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	9.090	0.0200	8.983	0.1767	0.1216	40	0.61	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	9.100	0.2000	8.983	0.1767	0.1216	40	0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.100	0.0000	8.983	0.1767	0.1216	40	0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.151	0.0170	8.983	0.1767	0.1216	40	0.95	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.195	0.2300	8.983	0.1767	0.1216	40	1.20	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.245	0.0700	8.983	0.1767	0.1216	40	1.48	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	9.355	0.0100	8.983	0.1767	0.1216	40	2.11	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	9.380	0.4400	8.983	0.1767	0.1216	40	2.25	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.800	0.8200	8.983	0.1767	0.1216	40	4.63	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	9.200	1.400	8.983	0.1767	0.1216	40	1.23	1%	1
001.99	Loss on Drying, Miscellaneous (%)	0618	7.170	0.1000	8.729	0.5417	0.0808	17	-2.88	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	7.970	0.0200	8.729	0.5417	0.0808	17	-1.40	4%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	8.010	0.0600	8.729	0.5417	0.0808	17	-1.33	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.335	0.0700	8.729	0.5417	0.0808	17	-0.73	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.350	0.1000	8.729	0.5417	0.0808	17	-0.70	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	8.485	0.0500	8.729	0.5417	0.0808	17	-0.45	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	8.635	0.0500	8.729	0.5417	0.0808	17	-0.17	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	8.750	0.1000	8.729	0.5417	0.0808	17	0.04	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	8.845	0.0300	8.729	0.5417	0.0808	17	0.21	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	8.950	0.1000	8.729	0.5417	0.0808	17	0.41	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	9.015	0.0100	8.729	0.5417	0.0808	17	0.53	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.031	0.1208	8.729	0.5417	0.0808	17	0.56	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	9.060	0.2000	8.729	0.5417	0.0808	17	0.61	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	9.060	0.0000	8.729	0.5417	0.0808	17	0.61	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	9.315	0.2100	8.729	0.5417	0.0808	17	1.08	3%	0
001.99	Loss on Drying, Miscellaneous (%)	2304	9.330	0.1400	8.729	0.5417	0.0808	17	1.11	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	9.339	0.0120	8.729	0.5417	0.0808	17	1.13	3%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	8.770	0.6400	8.729	0.5417	0.0808	17	0.08	0%	1
002.00	Protein, Crude, Crude (%)	0169	19.66	0.0200				1			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2196	19.39	0.0000	19.60	0.1845	0.0717	12	-1.14	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0910	19.40	0.0000	19.60	0.1845	0.0717	12	-1.09	1%	0

Test Material Code # 202024 | **Method Proficiency Testing Report** | **Issue Date : 05/31/2020**

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.01	Protein, Crude, Auto Kjel-Foss (%)	0968	19.46	0.0060	19.60	0.1845	0.0717	12	-0.78	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2314	19.46	0.0000	19.60	0.1845	0.0717	12	-0.76	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0656	19.57	0.0000	19.60	0.1845	0.0717	12	-0.16	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2259	19.57	0.0970	19.60	0.1845	0.0717	12	-0.14	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0870	19.61	0.3170	19.60	0.1845	0.0717	12	0.04	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0164	19.63	0.1300	19.60	0.1845	0.0717	12	0.13	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0914	19.67	0.0700	19.60	0.1845	0.0717	12	0.39	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0652	19.70	0.0000	19.60	0.1845	0.0717	12	0.54	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2188	19.87	0.0400	19.60	0.1845	0.0717	12	1.46	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0685	20.22	0.2000	19.60	0.1845	0.0717	12	3.36	2%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0889	19.17	0.7900	19.60	0.1845	0.0717	12	-2.36	1%	1
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	19.42	0.0276				2			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	19.52	0.1500				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0728	19.55	0.1500				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0638	19.80	0.2000				2			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	19.04	0.0200	19.42	0.2631	0.0972	23	-1.46	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	19.11	0.0000	19.42	0.2631	0.0972	23	-1.20	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	19.15	0.1200	19.42	0.2631	0.0972	23	-1.04	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2291	19.17	0.0800	19.42	0.2631	0.0972	23	-0.97	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	19.18	0.3500	19.42	0.2631	0.0972	23	-0.95	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	19.19	0.1600	19.42	0.2631	0.0972	23	-0.89	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	19.23	0.2265	19.42	0.2631	0.0972	23	-0.75	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2062	19.27	0.1342	19.42	0.2631	0.0972	23	-0.59	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	19.36	0.0700	19.42	0.2631	0.0972	23	-0.27	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	19.37	0.0050	19.42	0.2631	0.0972	23	-0.23	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0683	19.44	0.2100	19.42	0.2631	0.0972	23	0.04	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0893	19.45	0.1000	19.42	0.2631	0.0972	23	0.10	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	19.45	0.3000	19.42	0.2631	0.0972	23	0.10	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0674	19.46	0.0000	19.42	0.2631	0.0972	23	0.13	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	19.50	0.0100	19.42	0.2631	0.0972	23	0.27	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2295	19.53	0.0100	19.42	0.2631	0.0972	23	0.38	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	19.60	0.0000	19.42	0.2631	0.0972	23	0.67	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0878	19.61	0.0400	19.42	0.2631	0.0972	23	0.70	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0868	19.64	0.1500	19.42	0.2631	0.0972	23	0.80	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	19.65	0.0400	19.42	0.2631	0.0972	23	0.86	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	19.77	0.0800	19.42	0.2631	0.0972	23	1.31	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	19.86	0.0900	19.42	0.2631	0.0972	23	1.63	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0897	19.90	0.0400	19.42	0.2631	0.0972	23	1.81	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	17.54	0.0670	19.81	0.2771	0.1751	105	-8.18	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	18.89	0.2600	19.81	0.2771	0.1751	105	-3.32	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2303	18.91	0.3300	19.81	0.2771	0.1751	105	-3.27	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	19.20	0.0800	19.81	0.2771	0.1751	105	-2.20	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0563	19.22	0.1100	19.81	0.2771	0.1751	105	-2.15	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	19.33	0.0300	19.81	0.2771	0.1751	105	-1.75	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	19.35	0.3000	19.81	0.2771	0.1751	105	-1.66	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	19.40	0.1400	19.81	0.2771	0.1751	105	-1.48	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	19.45	0.1500	19.81	0.2771	0.1751	105	-1.32	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	19.49	0.2100	19.81	0.2771	0.1751	105	-1.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	19.50	0.0000	19.81	0.2771	0.1751	105	-1.12	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2109	19.51	0.1000	19.81	0.2771	0.1751	105	-1.09	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	19.52	0.0200	19.81	0.2771	0.1751	105	-1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	19.53	0.0200	19.81	0.2771	0.1751	105	-1.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	19.53	0.0200	19.81	0.2771	0.1751	105	-1.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	19.54	0.3100	19.81	0.2771	0.1751	105	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	19.56	0.5600	19.81	0.2771	0.1751	105	-0.90	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	19.58	0.1500	19.81	0.2771	0.1751	105	-0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	19.58	0.0600	19.81	0.2771	0.1751	105	-0.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	19.59	0.1800	19.81	0.2771	0.1751	105	-0.80	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	19.60	0.0100	19.81	0.2771	0.1751	105	-0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2304	19.60	0.0500	19.81	0.2771	0.1751	105	-0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	19.60	0.0000	19.81	0.2771	0.1751	105	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	19.60	0.1600	19.81	0.2771	0.1751	105	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	19.60	0.2000	19.81	0.2771	0.1751	105	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	19.62	0.0600	19.81	0.2771	0.1751	105	-0.69	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	19.62	0.1100	19.81	0.2771	0.1751	105	-0.69	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	19.64	0.0440	19.81	0.2771	0.1751	105	-0.62	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	19.65	0.1000	19.81	0.2771	0.1751	105	-0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0581	19.66	0.4700	19.81	0.2771	0.1751	105	-0.56	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2174	19.67	0.2100	19.81	0.2771	0.1751	105	-0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	19.67	0.0200	19.81	0.2771	0.1751	105	-0.51	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	19.68	0.0200	19.81	0.2771	0.1751	105	-0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0298	19.69	0.0200	19.81	0.2771	0.1751	105	-0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	19.69	0.1410	19.81	0.2771	0.1751	105	-0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0014	19.70	0.4000	19.81	0.2771	0.1751	105	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	19.70	0.0000	19.81	0.2771	0.1751	105	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0692	19.70	0.4000	19.81	0.2771	0.1751	105	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	19.70	0.4000	19.81	0.2771	0.1751	105	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	19.71	0.3700	19.81	0.2771	0.1751	105	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	19.72	0.1800	19.81	0.2771	0.1751	105	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	19.73	0.0300	19.81	0.2771	0.1751	105	-0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	19.73	0.3200	19.81	0.2771	0.1751	105	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	19.74	0.0300	19.81	0.2771	0.1751	105	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	19.75	0.3000	19.81	0.2771	0.1751	105	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	19.75	0.1000	19.81	0.2771	0.1751	105	-0.22	0%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	19.75	0.1000	19.81	0.2771	0.1751	105	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	19.76	0.2630	19.81	0.2771	0.1751	105	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	19.76	0.0000	19.81	0.2771	0.1751	105	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	19.78	0.1000	19.81	0.2771	0.1751	105	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	19.78	0.0000	19.81	0.2771	0.1751	105	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	19.80	0.2000	19.81	0.2771	0.1751	105	-0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2053	19.80	0.6000	19.81	0.2771	0.1751	105	-0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	19.81	0.0300	19.81	0.2771	0.1751	105	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	19.81	0.0300	19.81	0.2771	0.1751	105	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	19.81	0.1200	19.81	0.2771	0.1751	105	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0139	19.82	0.1100	19.81	0.2771	0.1751	105	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	19.82	0.0800	19.81	0.2771	0.1751	105	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	19.83	0.0900	19.81	0.2771	0.1751	105	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	19.83	0.2200	19.81	0.2771	0.1751	105	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	19.83	0.0130	19.81	0.2771	0.1751	105	0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	19.85	0.6000	19.81	0.2771	0.1751	105	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	19.86	0.1875	19.81	0.2771	0.1751	105	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	19.86	0.7400	19.81	0.2771	0.1751	105	0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0872	19.86	0.2750	19.81	0.2771	0.1751	105	0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	19.88	0.0800	19.81	0.2771	0.1751	105	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	19.88	0.1813	19.81	0.2771	0.1751	105	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	19.89	0.1000	19.81	0.2771	0.1751	105	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0366	19.90	0.2000	19.81	0.2771	0.1751	105	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	19.92	0.0100	19.81	0.2771	0.1751	105	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	19.92	0.0600	19.81	0.2771	0.1751	105	0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	19.93	0.0900	19.81	0.2771	0.1751	105	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	19.93	0.0900	19.81	0.2771	0.1751	105	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	19.93	0.0300	19.81	0.2771	0.1751	105	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	19.94	0.1200	19.81	0.2771	0.1751	105	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	19.94	0.3400	19.81	0.2771	0.1751	105	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	19.95	0.3700	19.81	0.2771	0.1751	105	0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	19.95	0.3000	19.81	0.2771	0.1751	105	0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	19.96	0.1000	19.81	0.2771	0.1751	105	0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	20.00	0.2000	19.81	0.2771	0.1751	105	0.68	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0868	20.01	0.0200	19.81	0.2771	0.1751	105	0.72	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	20.04	0.0190	19.81	0.2771	0.1751	105	0.81	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	20.05	0.1220	19.81	0.2771	0.1751	105	0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	20.05	0.6870	19.81	0.2771	0.1751	105	0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2178	20.06	0.3400	19.81	0.2771	0.1751	105	0.90	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	20.07	0.2800	19.81	0.2771	0.1751	105	0.94	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	20.08	0.0600	19.81	0.2771	0.1751	105	0.97	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	20.10	0.2000	19.81	0.2771	0.1751	105	1.04	1%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	20.10	0.0000	19.81	0.2771	0.1751	105	1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	20.10	0.6000	19.81	0.2771	0.1751	105	1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2033	20.15	0.2400	19.81	0.2771	0.1751	105	1.22	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	20.17	0.0800	19.81	0.2771	0.1751	105	1.30	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0656	20.18	0.0000	19.81	0.2771	0.1751	105	1.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	20.19	0.0300	19.81	0.2771	0.1751	105	1.35	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	20.22	0.0300	19.81	0.2771	0.1751	105	1.46	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2057	20.24	0.0500	19.81	0.2771	0.1751	105	1.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	20.25	0.1870	19.81	0.2771	0.1751	105	1.58	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	20.28	0.2000	19.81	0.2771	0.1751	105	1.69	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2302	20.31	0.5000	19.81	0.2771	0.1751	105	1.80	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	20.36	0.4010	19.81	0.2771	0.1751	105	1.98	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	20.69	0.1250	19.81	0.2771	0.1751	105	3.16	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0300	20.78	0.2100	19.81	0.2771	0.1751	105	3.48	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	20.83	0.0400	19.81	0.2771	0.1751	105	3.69	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0612	22.44	0.6900	19.81	0.2771	0.1751	105	9.47	7%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0011	22.94	0.0000	19.81	0.2771	0.1751	105	11.29	8%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	18.90	1.190	19.81	0.2771	0.1751	105	-3.30	2%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	19.45	1.100	19.81	0.2771	0.1751	105	-1.30	1%	1
002.08	Protein, Crude, Cu/Ti (%)	0563	19.36	0.0174				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	19.62	0.0100				2			0
002.11	Protein, Crude, NIR (%)	0889	18.96	0.1550	20.54	1.320	0.1156	8	-1.20	4%	0
002.11	Protein, Crude, NIR (%)	2192	19.09	0.0000	20.54	1.320	0.1156	8	-1.10	4%	0
002.11	Protein, Crude, NIR (%)	2302	20.04	0.0700	20.54	1.320	0.1156	8	-0.38	1%	0
002.11	Protein, Crude, NIR (%)	0148	20.70	0.2000	20.54	1.320	0.1156	8	0.12	0%	0
002.11	Protein, Crude, NIR (%)	0553	20.83	0.0400	20.54	1.320	0.1156	8	0.22	1%	0
002.11	Protein, Crude, NIR (%)	0011	21.07	0.2100	20.54	1.320	0.1156	8	0.40	1%	0
002.11	Protein, Crude, NIR (%)	0297	21.11	0.0000	20.54	1.320	0.1156	8	0.43	1%	0
002.11	Protein, Crude, NIR (%)	0405	24.85	0.2500	20.54	1.320	0.1156	8	3.26	10%	0
002.99	Protein, Crude, Miscellaneous (%)	0643	20.03	0.3000				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	3.852	0.1660	4.195	0.2942	0.1134	8	-1.17	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	3.960	0.0200	4.195	0.2942	0.1134	8	-0.80	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0142	4.040	0.2600	4.195	0.2942	0.1134	8	-0.53	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	4.075	0.0500	4.195	0.2942	0.1134	8	-0.41	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2053	4.275	0.0100	4.195	0.2942	0.1134	8	0.27	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	4.330	0.0400	4.195	0.2942	0.1134	8	0.46	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0175	4.395	0.1900	4.195	0.2942	0.1134	8	0.68	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	4.649	0.1710	4.195	0.2942	0.1134	8	1.54	5%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0164	4.175	0.0100				1			0
003.06	Fat, Crude, Pet Ether (%)	2171	3.655	0.0900	3.997	0.1967	0.0714	12	-1.74	4%	0
003.06	Fat, Crude, Pet Ether (%)	2033	3.815	0.0700	3.997	0.1967	0.0714	12	-0.92	2%	0
003.06	Fat, Crude, Pet Ether (%)	0425	3.850	0.1000	3.997	0.1967	0.0714	12	-0.75	2%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.06	Fat, Crude, Pet Ether (%)	0297	3.850	0.2400	3.997	0.1967	0.0714	12	-0.75	2%	0
003.06	Fat, Crude, Pet Ether (%)	0918	3.960	0.0000	3.997	0.1967	0.0714	12	-0.19	0%	0
003.06	Fat, Crude, Pet Ether (%)	0689	4.000	0.0000	3.997	0.1967	0.0714	12	0.02	0%	0
003.06	Fat, Crude, Pet Ether (%)	0294	4.015	0.0500	3.997	0.1967	0.0714	12	0.09	0%	0
003.06	Fat, Crude, Pet Ether (%)	0169	4.035	0.0500	3.997	0.1967	0.0714	12	0.19	0%	0
003.06	Fat, Crude, Pet Ether (%)	0682	4.080	0.0000	3.997	0.1967	0.0714	12	0.42	1%	0
003.06	Fat, Crude, Pet Ether (%)	0687	4.150	0.1000	3.997	0.1967	0.0714	12	0.78	2%	0
003.06	Fat, Crude, Pet Ether (%)	0563	4.214	0.0173	3.997	0.1967	0.0714	12	1.10	3%	0
003.06	Fat, Crude, Pet Ether (%)	0910	4.300	0.1400	3.997	0.1967	0.0714	12	1.54	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	3.925	0.0500	4.169	0.1917	0.0771	12	-1.27	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	3.935	0.1300	4.169	0.1917	0.0771	12	-1.22	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0510	4.000	0.0000	4.169	0.1917	0.0771	12	-0.88	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	4.070	0.1400	4.169	0.1917	0.0771	12	-0.52	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	4.090	0.1600	4.169	0.1917	0.0771	12	-0.41	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0674	4.100	0.0000	4.169	0.1917	0.0771	12	-0.36	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	4.265	0.2900	4.169	0.1917	0.0771	12	0.50	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	4.288	0.0547	4.169	0.1917	0.0771	12	0.62	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	4.290	0.0200	4.169	0.1917	0.0771	12	0.63	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0638	4.300	0.0000	4.169	0.1917	0.0771	12	0.68	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	4.350	0.0800	4.169	0.1917	0.0771	12	0.94	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	4.420	0.0000	4.169	0.1917	0.0771	12	1.31	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	3.410	0.6610	3.831	0.1890	0.1256	23	-2.23	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	3.525	0.0300	3.831	0.1890	0.1256	23	-1.62	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	3.645	0.3700	3.831	0.1890	0.1256	23	-0.99	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	3.665	0.1700	3.831	0.1890	0.1256	23	-0.88	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	3.678	0.2080	3.831	0.1890	0.1256	23	-0.81	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	3.700	0.0000	3.831	0.1890	0.1256	23	-0.69	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	3.728	0.0012	3.831	0.1890	0.1256	23	-0.55	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	3.750	0.1000	3.831	0.1890	0.1256	23	-0.43	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	3.770	0.1000	3.831	0.1890	0.1256	23	-0.32	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	3.780	0.1600	3.831	0.1890	0.1256	23	-0.27	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	3.800	0.0000	3.831	0.1890	0.1256	23	-0.16	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	3.815	0.3700	3.831	0.1890	0.1256	23	-0.09	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0062	3.855	0.0210	3.831	0.1890	0.1256	23	0.12	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0728	3.860	0.0200	3.831	0.1890	0.1256	23	0.15	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	3.870	0.0400	3.831	0.1890	0.1256	23	0.21	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	3.900	0.0000	3.831	0.1890	0.1256	23	0.36	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0897	3.920	0.0000	3.831	0.1890	0.1256	23	0.47	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	3.945	0.0300	3.831	0.1890	0.1256	23	0.60	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	3.980	0.0800	3.831	0.1890	0.1256	23	0.79	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	4.042	0.1729	3.831	0.1890	0.1256	23	1.12	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	4.090	0.0400	3.831	0.1890	0.1256	23	1.37	3%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	4.170	0.2400	3.831	0.1890	0.1256	23	1.79	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	4.399	0.0758	3.831	0.1890	0.1256	23	3.00	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	7.945	1.279	3.831	0.1890	0.1256	23	21.77	54%	2
003.11	Fat, Crude, NIR (%)	0889	3.748	0.0250	4.244	0.4818	0.0458	6	-1.03	6%	0
003.11	Fat, Crude, NIR (%)	0148	4.000	0.0000	4.244	0.4818	0.0458	6	-0.51	3%	0
003.11	Fat, Crude, NIR (%)	2302	4.000	0.0600	4.244	0.4818	0.0458	6	-0.51	3%	0
003.11	Fat, Crude, NIR (%)	0011	4.250	0.1000	4.244	0.4818	0.0458	6	0.01	0%	0
003.11	Fat, Crude, NIR (%)	0405	4.560	0.0400	4.244	0.4818	0.0458	6	0.66	4%	0
003.11	Fat, Crude, NIR (%)	0297	4.905	0.0500	4.244	0.4818	0.0458	6	1.37	8%	0
003.12	Fat, Crude, Hexane Ext (%)	0171	3.815	0.0300				3			0
003.12	Fat, Crude, Hexane Ext (%)	2295	3.815	0.0100				3			0
003.12	Fat, Crude, Hexane Ext (%)	2062	3.831	0.0903				3			0
003.12	Fat, Crude, Hexane Ext (%)	0893	3.660	0.0000				3			2
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	3.790	0.3400	4.127	0.3323	0.2208	6	-1.01	4%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	3.905	0.1700	4.127	0.3323	0.2208	6	-0.67	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	4.045	0.0500	4.127	0.3323	0.2208	6	-0.25	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2291	4.115	0.0300	4.127	0.3323	0.2208	6	-0.04	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	4.303	0.2848	4.127	0.3323	0.2208	6	0.53	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	4.605	0.4500	4.127	0.3323	0.2208	6	1.44	6%	0
003.14	Fat, Crude, Ankom (%)	0175	3.425	0.0500	4.049	0.2741	0.1082	49	-2.28	8%	0
003.14	Fat, Crude, Ankom (%)	0574	3.585	0.0900	4.049	0.2741	0.1082	49	-1.69	6%	0
003.14	Fat, Crude, Ankom (%)	0037	3.615	0.0100	4.049	0.2741	0.1082	49	-1.58	5%	0
003.14	Fat, Crude, Ankom (%)	2302	3.675	0.3900	4.049	0.2741	0.1082	49	-1.36	5%	0
003.14	Fat, Crude, Ankom (%)	0202	3.720	0.0800	4.049	0.2741	0.1082	49	-1.20	4%	0
003.14	Fat, Crude, Ankom (%)	0956	3.750	0.1000	4.049	0.2741	0.1082	49	-1.09	4%	0
003.14	Fat, Crude, Ankom (%)	0682	3.760	0.0000	4.049	0.2741	0.1082	49	-1.05	4%	0
003.14	Fat, Crude, Ankom (%)	0505	3.795	0.0500	4.049	0.2741	0.1082	49	-0.93	3%	0
003.14	Fat, Crude, Ankom (%)	0144	3.835	0.1300	4.049	0.2741	0.1082	49	-0.78	3%	0
003.14	Fat, Crude, Ankom (%)	0939	3.870	0.1000	4.049	0.2741	0.1082	49	-0.65	2%	0
003.14	Fat, Crude, Ankom (%)	0004	3.880	0.3600	4.049	0.2741	0.1082	49	-0.62	2%	0
003.14	Fat, Crude, Ankom (%)	0358	3.880	0.0800	4.049	0.2741	0.1082	49	-0.62	2%	0
003.14	Fat, Crude, Ankom (%)	0019	3.885	0.0700	4.049	0.2741	0.1082	49	-0.60	2%	0
003.14	Fat, Crude, Ankom (%)	0619	3.885	0.0900	4.049	0.2741	0.1082	49	-0.60	2%	0
003.14	Fat, Crude, Ankom (%)	0948	3.895	0.1100	4.049	0.2741	0.1082	49	-0.56	2%	0
003.14	Fat, Crude, Ankom (%)	2076	3.897	0.1609	4.049	0.2741	0.1082	49	-0.55	2%	0
003.14	Fat, Crude, Ankom (%)	0357	3.900	0.2000	4.049	0.2741	0.1082	49	-0.54	2%	0
003.14	Fat, Crude, Ankom (%)	0876	3.900	0.0000	4.049	0.2741	0.1082	49	-0.54	2%	0
003.14	Fat, Crude, Ankom (%)	0186	3.910	0.0400	4.049	0.2741	0.1082	49	-0.51	2%	0
003.14	Fat, Crude, Ankom (%)	0298	3.930	0.0200	4.049	0.2741	0.1082	49	-0.43	1%	0
003.14	Fat, Crude, Ankom (%)	0581	3.990	0.0600	4.049	0.2741	0.1082	49	-0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0083	3.990	0.0800	4.049	0.2741	0.1082	49	-0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0529	4.015	0.0100	4.049	0.2741	0.1082	49	-0.12	0%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.14	Fat, Crude, Ankom (%)	0265	4.035	0.2300	4.049	0.2741	0.1082	49	-0.05	0%	0
003.14	Fat, Crude, Ankom (%)	0074	4.055	0.1100	4.049	0.2741	0.1082	49	0.02	0%	0
003.14	Fat, Crude, Ankom (%)	0407	4.057	0.1299	4.049	0.2741	0.1082	49	0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0878	4.060	0.0800	4.049	0.2741	0.1082	49	0.04	0%	0
003.14	Fat, Crude, Ankom (%)	0066	4.080	0.1200	4.049	0.2741	0.1082	49	0.11	0%	0
003.14	Fat, Crude, Ankom (%)	0229	4.085	0.3700	4.049	0.2741	0.1082	49	0.13	0%	0
003.14	Fat, Crude, Ankom (%)	0278	4.100	0.2000	4.049	0.2741	0.1082	49	0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0034	4.105	0.0700	4.049	0.2741	0.1082	49	0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0520	4.120	0.1800	4.049	0.2741	0.1082	49	0.26	1%	0
003.14	Fat, Crude, Ankom (%)	0001	4.125	0.0510	4.049	0.2741	0.1082	49	0.28	1%	0
003.14	Fat, Crude, Ankom (%)	0089	4.130	0.0000	4.049	0.2741	0.1082	49	0.30	1%	0
003.14	Fat, Crude, Ankom (%)	0598	4.185	0.1100	4.049	0.2741	0.1082	49	0.50	2%	0
003.14	Fat, Crude, Ankom (%)	0148	4.190	0.3000	4.049	0.2741	0.1082	49	0.52	2%	0
003.14	Fat, Crude, Ankom (%)	0968	4.208	0.0030	4.049	0.2741	0.1082	49	0.58	2%	0
003.14	Fat, Crude, Ankom (%)	0563	4.214	0.0173	4.049	0.2741	0.1082	49	0.60	2%	0
003.14	Fat, Crude, Ankom (%)	0190	4.290	0.2000	4.049	0.2741	0.1082	49	0.88	3%	0
003.14	Fat, Crude, Ankom (%)	0726	4.320	0.0000	4.049	0.2741	0.1082	49	0.99	3%	0
003.14	Fat, Crude, Ankom (%)	0171	4.335	0.1100	4.049	0.2741	0.1082	49	1.05	4%	0
003.14	Fat, Crude, Ankom (%)	0003	4.345	0.1700	4.049	0.2741	0.1082	49	1.08	4%	0
003.14	Fat, Crude, Ankom (%)	0868	4.350	0.1000	4.049	0.2741	0.1082	49	1.10	4%	0
003.14	Fat, Crude, Ankom (%)	2146	4.430	0.0600	4.049	0.2741	0.1082	49	1.39	5%	0
003.14	Fat, Crude, Ankom (%)	0692	4.450	0.1000	4.049	0.2741	0.1082	49	1.46	5%	0
003.14	Fat, Crude, Ankom (%)	0300	4.630	0.0200	4.049	0.2741	0.1082	49	2.12	7%	0
003.14	Fat, Crude, Ankom (%)	0009	4.710	0.1000	4.049	0.2741	0.1082	49	2.41	8%	0
003.14	Fat, Crude, Ankom (%)	2057	4.778	0.0898	4.049	0.2741	0.1082	49	2.66	9%	0
003.14	Fat, Crude, Ankom (%)	2144	5.170	0.1000	4.049	0.2741	0.1082	49	4.09	14%	0
003.14	Fat, Crude, Ankom (%)	0853	3.250	0.7000	4.049	0.2741	0.1082	49	-2.91	10%	1
003.14	Fat, Crude, Ankom (%)	2129	4.152	0.7063	4.049	0.2741	0.1082	49	0.38	1%	1
003.99	Fat, Crude, Miscellaneous (%)	2304	3.590	0.0600				3			0
003.99	Fat, Crude, Miscellaneous (%)	0536	4.165	0.0500				3			0
003.99	Fat, Crude, Miscellaneous (%)	0656	4.470	0.0000				3			0
004.00	Fiber, Crude, Asbestos Free (%)	0164	13.95	0.3000	14.74	0.7125	0.2586	11	-1.10	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	14.01	0.1600	14.74	0.7125	0.2586	11	-1.02	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	14.08	0.0000	14.74	0.7125	0.2586	11	-0.92	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	14.16	0.0100	14.74	0.7125	0.2586	11	-0.82	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	14.77	0.4600	14.74	0.7125	0.2586	11	0.05	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	14.77	0.2400	14.74	0.7125	0.2586	11	0.05	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	14.87	0.3550	14.74	0.7125	0.2586	11	0.19	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	14.95	0.1000	14.74	0.7125	0.2586	11	0.30	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	15.27	0.6700	14.74	0.7125	0.2586	11	0.74	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	15.48	0.1500	14.74	0.7125	0.2586	11	1.04	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	16.00	0.4000	14.74	0.7125	0.2586	11	1.77	4%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.01	Fiber, Crude, Sing Filt (%)	0366	13.15	0.1000				1			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	12.48	0.2800				3			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	14.43	0.1900				3			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	15.26	0.2100				3			0
004.06	Fiber, Crude, Fibertec (%)	2314	5.730	0.0000	14.21	0.7329	0.1321	21	-11.57	30%	0
004.06	Fiber, Crude, Fibertec (%)	2022	13.24	0.0100	14.21	0.7329	0.1321	21	-1.33	3%	0
004.06	Fiber, Crude, Fibertec (%)	0897	13.52	0.0000	14.21	0.7329	0.1321	21	-0.94	2%	0
004.06	Fiber, Crude, Fibertec (%)	0674	13.55	0.0000	14.21	0.7329	0.1321	21	-0.90	2%	0
004.06	Fiber, Crude, Fibertec (%)	0728	13.56	0.1100	14.21	0.7329	0.1321	21	-0.90	2%	0
004.06	Fiber, Crude, Fibertec (%)	0968	13.66	0.0410	14.21	0.7329	0.1321	21	-0.75	2%	0
004.06	Fiber, Crude, Fibertec (%)	2152	13.70	0.0200	14.21	0.7329	0.1321	21	-0.70	2%	0
004.06	Fiber, Crude, Fibertec (%)	0948	13.94	0.1880	14.21	0.7329	0.1321	21	-0.38	1%	0
004.06	Fiber, Crude, Fibertec (%)	0918	14.02	0.3700	14.21	0.7329	0.1321	21	-0.27	1%	0
004.06	Fiber, Crude, Fibertec (%)	0868	14.09	0.0700	14.21	0.7329	0.1321	21	-0.17	0%	0
004.06	Fiber, Crude, Fibertec (%)	0878	14.34	0.0200	14.21	0.7329	0.1321	21	0.18	0%	0
004.06	Fiber, Crude, Fibertec (%)	0689	14.45	0.3000	14.21	0.7329	0.1321	21	0.33	1%	0
004.06	Fiber, Crude, Fibertec (%)	0885	14.49	0.2977	14.21	0.7329	0.1321	21	0.38	1%	0
004.06	Fiber, Crude, Fibertec (%)	0941	14.51	0.2200	14.21	0.7329	0.1321	21	0.41	1%	0
004.06	Fiber, Crude, Fibertec (%)	0676	14.55	0.1100	14.21	0.7329	0.1321	21	0.45	1%	0
004.06	Fiber, Crude, Fibertec (%)	2295	14.57	0.0300	14.21	0.7329	0.1321	21	0.48	1%	0
004.06	Fiber, Crude, Fibertec (%)	2006	14.72	0.3500	14.21	0.7329	0.1321	21	0.69	2%	0
004.06	Fiber, Crude, Fibertec (%)	0638	14.90	0.2000	14.21	0.7329	0.1321	21	0.94	2%	0
004.06	Fiber, Crude, Fibertec (%)	2062	14.94	0.0584	14.21	0.7329	0.1321	21	0.99	3%	0
004.06	Fiber, Crude, Fibertec (%)	0893	16.51	0.0000	14.21	0.7329	0.1321	21	3.14	8%	0
004.06	Fiber, Crude, Fibertec (%)	2291	17.68	0.3800	14.21	0.7329	0.1321	21	4.73	12%	0
004.06	Fiber, Crude, Fibertec (%)	0098	14.08	0.9100	14.21	0.7329	0.1321	21	-0.19	0%	1
004.07	Fiber, Crude, ANKOM (%)	0265	12.35	0.5000	14.34	0.8399	0.2683	61	-2.37	7%	0
004.07	Fiber, Crude, ANKOM (%)	0202	12.64	0.2400	14.34	0.8399	0.2683	61	-2.02	6%	0
004.07	Fiber, Crude, ANKOM (%)	0968	13.25	0.1170	14.34	0.8399	0.2683	61	-1.29	4%	0
004.07	Fiber, Crude, ANKOM (%)	0510	13.40	0.4000	14.34	0.8399	0.2683	61	-1.12	3%	0
004.07	Fiber, Crude, ANKOM (%)	0190	13.40	0.2000	14.34	0.8399	0.2683	61	-1.12	3%	0
004.07	Fiber, Crude, ANKOM (%)	0682	13.40	0.0000	14.34	0.8399	0.2683	61	-1.12	3%	0
004.07	Fiber, Crude, ANKOM (%)	2304	13.43	0.3100	14.34	0.8399	0.2683	61	-1.09	3%	0
004.07	Fiber, Crude, ANKOM (%)	0083	13.53	0.0700	14.34	0.8399	0.2683	61	-0.97	3%	0
004.07	Fiber, Crude, ANKOM (%)	0505	13.56	0.4900	14.34	0.8399	0.2683	61	-0.93	3%	0
004.07	Fiber, Crude, ANKOM (%)	0123	13.57	0.0900	14.34	0.8399	0.2683	61	-0.92	3%	0
004.07	Fiber, Crude, ANKOM (%)	0590	13.58	0.5200	14.34	0.8399	0.2683	61	-0.90	3%	0
004.07	Fiber, Crude, ANKOM (%)	0848	13.64	0.1000	14.34	0.8399	0.2683	61	-0.83	2%	0
004.07	Fiber, Crude, ANKOM (%)	0034	13.69	0.2700	14.34	0.8399	0.2683	61	-0.78	2%	0
004.07	Fiber, Crude, ANKOM (%)	0910	13.70	1.000	14.34	0.8399	0.2683	61	-0.76	2%	0
004.07	Fiber, Crude, ANKOM (%)	0726	13.75	0.0900	14.34	0.8399	0.2683	61	-0.71	2%	0
004.07	Fiber, Crude, ANKOM (%)	0675	13.81	0.1100	14.34	0.8399	0.2683	61	-0.64	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.07	Fiber, Crude, ANKOM (%)	0098	13.82	0.2900	14.34	0.8399	0.2683	61	-0.62	2%	0
004.07	Fiber, Crude, ANKOM (%)	2053	13.82	0.5000	14.34	0.8399	0.2683	61	-0.62	2%	0
004.07	Fiber, Crude, ANKOM (%)	0035	13.84	0.0200	14.34	0.8399	0.2683	61	-0.59	2%	0
004.07	Fiber, Crude, ANKOM (%)	0643	13.85	0.0100	14.34	0.8399	0.2683	61	-0.59	2%	0
004.07	Fiber, Crude, ANKOM (%)	0956	13.85	0.1000	14.34	0.8399	0.2683	61	-0.58	2%	0
004.07	Fiber, Crude, ANKOM (%)	2196	13.92	0.0000	14.34	0.8399	0.2683	61	-0.50	1%	0
004.07	Fiber, Crude, ANKOM (%)	2009	13.92	0.0438	14.34	0.8399	0.2683	61	-0.50	1%	0
004.07	Fiber, Crude, ANKOM (%)	0019	13.94	0.2400	14.34	0.8399	0.2683	61	-0.48	1%	0
004.07	Fiber, Crude, ANKOM (%)	0100	14.12	0.5100	14.34	0.8399	0.2683	61	-0.27	1%	0
004.07	Fiber, Crude, ANKOM (%)	0009	14.12	0.0900	14.34	0.8399	0.2683	61	-0.27	1%	0
004.07	Fiber, Crude, ANKOM (%)	0074	14.13	0.5200	14.34	0.8399	0.2683	61	-0.25	1%	0
004.07	Fiber, Crude, ANKOM (%)	0619	14.15	0.1000	14.34	0.8399	0.2683	61	-0.23	1%	0
004.07	Fiber, Crude, ANKOM (%)	0708	14.15	0.0600	14.34	0.8399	0.2683	61	-0.23	1%	0
004.07	Fiber, Crude, ANKOM (%)	0870	14.17	0.0278	14.34	0.8399	0.2683	61	-0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	0089	14.20	0.0300	14.34	0.8399	0.2683	61	-0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	0876	14.20	0.8000	14.34	0.8399	0.2683	61	-0.17	0%	0
004.07	Fiber, Crude, ANKOM (%)	2302	14.28	0.0900	14.34	0.8399	0.2683	61	-0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	0354	14.29	0.0100	14.34	0.8399	0.2683	61	-0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	2033	14.30	0.2000	14.34	0.8399	0.2683	61	-0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0300	14.34	0.0900	14.34	0.8399	0.2683	61	-0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	0939	14.41	0.0600	14.34	0.8399	0.2683	61	0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	2259	14.46	0.2750	14.34	0.8399	0.2683	61	0.15	0%	0
004.07	Fiber, Crude, ANKOM (%)	0263	14.60	0.0500	14.34	0.8399	0.2683	61	0.30	1%	0
004.07	Fiber, Crude, ANKOM (%)	0004	14.69	0.4500	14.34	0.8399	0.2683	61	0.41	1%	0
004.07	Fiber, Crude, ANKOM (%)	0045	14.75	0.1000	14.34	0.8399	0.2683	61	0.49	1%	0
004.07	Fiber, Crude, ANKOM (%)	0407	14.79	0.2576	14.34	0.8399	0.2683	61	0.54	2%	0
004.07	Fiber, Crude, ANKOM (%)	0581	14.80	0.6000	14.34	0.8399	0.2683	61	0.55	2%	0
004.07	Fiber, Crude, ANKOM (%)	0692	14.80	0.6000	14.34	0.8399	0.2683	61	0.55	2%	0
004.07	Fiber, Crude, ANKOM (%)	2109	14.80	0.6600	14.34	0.8399	0.2683	61	0.55	2%	0
004.07	Fiber, Crude, ANKOM (%)	0563	14.84	0.1840	14.34	0.8399	0.2683	61	0.59	2%	0
004.07	Fiber, Crude, ANKOM (%)	0066	14.94	0.3900	14.34	0.8399	0.2683	61	0.71	2%	0
004.07	Fiber, Crude, ANKOM (%)	0948	14.98	0.2680	14.34	0.8399	0.2683	61	0.76	2%	0
004.07	Fiber, Crude, ANKOM (%)	0144	15.00	0.2100	14.34	0.8399	0.2683	61	0.78	2%	0
004.07	Fiber, Crude, ANKOM (%)	0520	15.00	0.4000	14.34	0.8399	0.2683	61	0.79	2%	0
004.07	Fiber, Crude, ANKOM (%)	0553	15.20	1.250	14.34	0.8399	0.2683	61	1.02	3%	0
004.07	Fiber, Crude, ANKOM (%)	0656	15.20	0.0000	14.34	0.8399	0.2683	61	1.02	3%	0
004.07	Fiber, Crude, ANKOM (%)	0298	15.50	0.2000	14.34	0.8399	0.2683	61	1.38	4%	0
004.07	Fiber, Crude, ANKOM (%)	0529	15.59	0.0900	14.34	0.8399	0.2683	61	1.48	4%	0
004.07	Fiber, Crude, ANKOM (%)	0693	15.95	1.015	14.34	0.8399	0.2683	61	1.91	6%	0
004.07	Fiber, Crude, ANKOM (%)	0294	16.10	0.0000	14.34	0.8399	0.2683	61	2.10	6%	0
004.07	Fiber, Crude, ANKOM (%)	0683	16.33	0.9400	14.34	0.8399	0.2683	61	2.37	7%	0
004.07	Fiber, Crude, ANKOM (%)	0242	16.36	0.0500	14.34	0.8399	0.2683	61	2.40	7%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.07	Fiber, Crude, ANKOM (%)	0598	16.55	0.0300	14.34	0.8399	0.2683	61	2.63	8%	0
004.07	Fiber, Crude, ANKOM (%)	0536	16.81	0.0200	14.34	0.8399	0.2683	61	2.94	9%	0
004.07	Fiber, Crude, ANKOM (%)	2188	17.51	0.0300	14.34	0.8399	0.2683	61	3.77	11%	0
004.07	Fiber, Crude, ANKOM (%)	0626	17.10	1.910	14.34	0.8399	0.2683	61	3.28	10%	1
004.07	Fiber, Crude, ANKOM (%)	0278	22.10	0.4000	14.34	0.8399	0.2683	61	9.24	27%	2
004.11	Fiber, Crude, NIR (%)	0405	13.27	0.0300	14.29	0.8422	0.1550	5			0
004.11	Fiber, Crude, NIR (%)	0011	13.70	0.2000	14.29	0.8422	0.1550	5			0
004.11	Fiber, Crude, NIR (%)	0148	14.35	0.1000	14.29	0.8422	0.1550	5			0
004.11	Fiber, Crude, NIR (%)	0889	14.75	0.3350	14.29	0.8422	0.1550	5			0
004.11	Fiber, Crude, NIR (%)	2302	15.40	0.1100	14.29	0.8422	0.1550	5			0
004.99	Fiber, Crude, Miscellaneous (%)	2146	11.75	0.1600				1			0
005.00	Ash, 2h @ 600°C (%)	0169	7.735	0.0300	8.460	0.2651	0.0729	75	-2.74	4%	0
005.00	Ash, 2h @ 600°C (%)	0144	7.835	0.0300	8.460	0.2651	0.0729	75	-2.36	4%	0
005.00	Ash, 2h @ 600°C (%)	0019	7.850	0.1000	8.460	0.2651	0.0729	75	-2.30	4%	0
005.00	Ash, 2h @ 600°C (%)	2033	7.850	0.1000	8.460	0.2651	0.0729	75	-2.30	4%	0
005.00	Ash, 2h @ 600°C (%)	0539	7.925	0.0900	8.460	0.2651	0.0729	75	-2.02	3%	0
005.00	Ash, 2h @ 600°C (%)	0278	7.950	0.0200	8.460	0.2651	0.0729	75	-1.93	3%	0
005.00	Ash, 2h @ 600°C (%)	0541	8.005	0.0900	8.460	0.2651	0.0729	75	-1.72	3%	0
005.00	Ash, 2h @ 600°C (%)	0853	8.050	0.1000	8.460	0.2651	0.0729	75	-1.55	2%	0
005.00	Ash, 2h @ 600°C (%)	2022	8.105	0.0100	8.460	0.2651	0.0729	75	-1.34	2%	0
005.00	Ash, 2h @ 600°C (%)	0964	8.110	0.0280	8.460	0.2651	0.0729	75	-1.32	2%	0
005.00	Ash, 2h @ 600°C (%)	2073	8.155	0.1100	8.460	0.2651	0.0729	75	-1.15	2%	0
005.00	Ash, 2h @ 600°C (%)	0553	8.190	0.0800	8.460	0.2651	0.0729	75	-1.02	2%	0
005.00	Ash, 2h @ 600°C (%)	0953	8.190	0.2600	8.460	0.2651	0.0729	75	-1.02	2%	0
005.00	Ash, 2h @ 600°C (%)	0918	8.195	0.0100	8.460	0.2651	0.0729	75	-1.00	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	8.200	0.0000	8.460	0.2651	0.0729	75	-0.98	2%	0
005.00	Ash, 2h @ 600°C (%)	0598	8.210	0.1200	8.460	0.2651	0.0729	75	-0.94	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	8.235	0.0100	8.460	0.2651	0.0729	75	-0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	8.275	0.1700	8.460	0.2651	0.0729	75	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	2053	8.275	0.0500	8.460	0.2651	0.0729	75	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	8.285	0.0900	8.460	0.2651	0.0729	75	-0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0574	8.290	0.1200	8.460	0.2651	0.0729	75	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	8.295	0.0500	8.460	0.2651	0.0729	75	-0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	8.325	0.1700	8.460	0.2651	0.0729	75	-0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	8.350	0.0200	8.460	0.2651	0.0729	75	-0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	8.385	0.0700	8.460	0.2651	0.0729	75	-0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	8.390	0.0000	8.460	0.2651	0.0729	75	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	8.411	0.0155	8.460	0.2651	0.0729	75	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	8.432	0.0576	8.460	0.2651	0.0729	75	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	8.435	0.0500	8.460	0.2651	0.0729	75	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	8.448	0.1032	8.460	0.2651	0.0729	75	-0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	8.450	0.0800	8.460	0.2651	0.0729	75	-0.04	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0366	8.450	0.1000	8.460	0.2651	0.0729	75	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0948	8.455	0.0700	8.460	0.2651	0.0729	75	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0186	8.465	0.1180	8.460	0.2651	0.0729	75	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	8.470	0.1330	8.460	0.2651	0.0729	75	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	2076	8.474	0.0056	8.460	0.2651	0.0729	75	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0425	8.485	0.0900	8.460	0.2651	0.0729	75	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	8.500	0.2000	8.460	0.2651	0.0729	75	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0297	8.500	0.0000	8.460	0.2651	0.0729	75	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	8.500	0.2000	8.460	0.2651	0.0729	75	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	8.505	0.0900	8.460	0.2651	0.0729	75	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	8.520	0.0600	8.460	0.2651	0.0729	75	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	8.525	0.0100	8.460	0.2651	0.0729	75	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	8.530	0.0200	8.460	0.2651	0.0729	75	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	8.535	0.1700	8.460	0.2651	0.0729	75	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	2259	8.544	0.0390	8.460	0.2651	0.0729	75	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	8.545	0.0900	8.460	0.2651	0.0729	75	0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	8.550	0.1000	8.460	0.2651	0.0729	75	0.34	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	8.555	0.0100	8.460	0.2651	0.0729	75	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	8.560	0.0400	8.460	0.2651	0.0729	75	0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	8.565	0.0160	8.460	0.2651	0.0729	75	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	8.575	0.1300	8.460	0.2651	0.0729	75	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	8.580	0.2600	8.460	0.2651	0.0729	75	0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	2196	8.600	0.0000	8.460	0.2651	0.0729	75	0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	8.617	0.0810	8.460	0.2651	0.0729	75	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0123	8.620	0.0600	8.460	0.2651	0.0729	75	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	8.652	0.0314	8.460	0.2651	0.0729	75	0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	8.660	0.0400	8.460	0.2651	0.0729	75	0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	8.665	0.0300	8.460	0.2651	0.0729	75	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	8.670	0.3000	8.460	0.2651	0.0729	75	0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	8.680	0.0200	8.460	0.2651	0.0729	75	0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	8.680	0.0000	8.460	0.2651	0.0729	75	0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	8.685	0.0300	8.460	0.2651	0.0729	75	0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	8.690	0.0200	8.460	0.2651	0.0729	75	0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	8.695	0.0100	8.460	0.2651	0.0729	75	0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	8.710	0.0200	8.460	0.2651	0.0729	75	0.94	1%	0
005.00	Ash, 2h @ 600°C (%)	0914	8.710	0.0200	8.460	0.2651	0.0729	75	0.94	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	8.775	0.3500	8.460	0.2651	0.0729	75	1.19	2%	0
005.00	Ash, 2h @ 600°C (%)	0643	8.775	0.0700	8.460	0.2651	0.0729	75	1.19	2%	0
005.00	Ash, 2h @ 600°C (%)	0062	8.824	0.0490	8.460	0.2651	0.0729	75	1.37	2%	0
005.00	Ash, 2h @ 600°C (%)	0656	8.870	0.0000	8.460	0.2651	0.0729	75	1.55	2%	0
005.00	Ash, 2h @ 600°C (%)	2188	8.940	0.0000	8.460	0.2651	0.0729	75	1.81	3%	0
005.00	Ash, 2h @ 600°C (%)	0581	8.970	0.0400	8.460	0.2651	0.0729	75	1.92	3%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0345	9.060	0.0800	8.460	0.2651	0.0729	75	2.26	4%	0
005.00	Ash, 2h @ 600°C (%)	2171	11.01	0.0300	8.460	0.2651	0.0729	75	9.60	15%	0
005.00	Ash, 2h @ 600°C (%)	2302	8.350	0.5000	8.460	0.2651	0.0729	75	-0.42	1%	1
005.00	Ash, 2h @ 600°C (%)	0675	8.620	0.5600	8.460	0.2651	0.0729	75	0.60	1%	1
005.00	Ash, 2h @ 600°C (%)	0226	11.60	0.3300	8.460	0.2651	0.0729	75	11.83	19%	2
005.02	Ash, LECO (%)	0968	8.573	0.0150				1			0
005.03	Ash, Microwave furnace (%)	2304	8.245	0.0500				1			0
005.05	Ash, 3h @ 550°C (%)	0726	8.000	0.0600	8.666	0.2426	0.0810	30	-2.74	4%	0
005.05	Ash, 3h @ 550°C (%)	0066	8.250	0.0600	8.666	0.2426	0.0810	30	-1.71	2%	0
005.05	Ash, 3h @ 550°C (%)	0638	8.260	0.0400	8.666	0.2426	0.0810	30	-1.67	2%	0
005.05	Ash, 3h @ 550°C (%)	0003	8.365	0.0100	8.666	0.2426	0.0810	30	-1.24	2%	0
005.05	Ash, 3h @ 550°C (%)	0619	8.415	0.0100	8.666	0.2426	0.0810	30	-1.03	1%	0
005.05	Ash, 3h @ 550°C (%)	2291	8.420	0.1000	8.666	0.2426	0.0810	30	-1.01	1%	0
005.05	Ash, 3h @ 550°C (%)	0692	8.450	0.3000	8.666	0.2426	0.0810	30	-0.89	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	8.515	0.0100	8.666	0.2426	0.0810	30	-0.62	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	8.520	0.2000	8.666	0.2426	0.0810	30	-0.60	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	8.530	0.0400	8.666	0.2426	0.0810	30	-0.56	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	8.569	0.0958	8.666	0.2426	0.0810	30	-0.40	1%	0
005.05	Ash, 3h @ 550°C (%)	0893	8.570	0.0000	8.666	0.2426	0.0810	30	-0.40	1%	0
005.05	Ash, 3h @ 550°C (%)	2109	8.605	0.0900	8.666	0.2426	0.0810	30	-0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	2295	8.705	0.0100	8.666	0.2426	0.0810	30	0.16	0%	0
005.05	Ash, 3h @ 550°C (%)	0878	8.715	0.0300	8.666	0.2426	0.0810	30	0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	0897	8.725	0.0500	8.666	0.2426	0.0810	30	0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	8.735	0.1900	8.666	0.2426	0.0810	30	0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	8.755	0.0105	8.666	0.2426	0.0810	30	0.37	1%	0
005.05	Ash, 3h @ 550°C (%)	0590	8.785	0.1700	8.666	0.2426	0.0810	30	0.49	1%	0
005.05	Ash, 3h @ 550°C (%)	0034	8.820	0.0710	8.666	0.2426	0.0810	30	0.63	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	8.825	0.0900	8.666	0.2426	0.0810	30	0.66	1%	0
005.05	Ash, 3h @ 550°C (%)	2009	8.827	0.0006	8.666	0.2426	0.0810	30	0.66	1%	0
005.05	Ash, 3h @ 550°C (%)	0868	8.835	0.0700	8.666	0.2426	0.0810	30	0.70	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	8.855	0.0900	8.666	0.2426	0.0810	30	0.78	1%	0
005.05	Ash, 3h @ 550°C (%)	2062	8.873	0.0009	8.666	0.2426	0.0810	30	0.85	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	8.890	0.0200	8.666	0.2426	0.0810	30	0.92	1%	0
005.05	Ash, 3h @ 550°C (%)	2152	8.890	0.1400	8.666	0.2426	0.0810	30	0.92	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	8.900	0.2000	8.666	0.2426	0.0810	30	0.96	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	8.950	0.1000	8.666	0.2426	0.0810	30	1.17	2%	0
005.05	Ash, 3h @ 550°C (%)	2146	9.065	0.1700	8.666	0.2426	0.0810	30	1.64	2%	0
005.11	Ash, NIR (%)	0297	6.740	0.0200				3			0
005.11	Ash, NIR (%)	0148	6.850	0.3000				3			0
005.11	Ash, NIR (%)	0889	8.705	0.0700				3			0
005.99	Ash, Miscellaneous (%)	2081	7.335	0.0100	8.329	0.5966	0.0450	6	-1.67	6%	0
005.99	Ash, Miscellaneous (%)	0728	8.010	0.0200	8.329	0.5966	0.0450	6	-0.53	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.99	Ash, Miscellaneous (%)	0536	8.345	0.0900	8.329	0.5966	0.0450	6	0.03	0%	0
005.99	Ash, Miscellaneous (%)	0652	8.700	0.0000	8.329	0.5966	0.0450	6	0.62	2%	0
005.99	Ash, Miscellaneous (%)	0202	8.715	0.0700	8.329	0.5966	0.0450	6	0.65	2%	0
005.99	Ash, Miscellaneous (%)	0676	8.770	0.0800	8.329	0.5966	0.0450	6	0.74	3%	0
005.99	Ash, Miscellaneous (%)	0910	8.950	0.5000	8.329	0.5966	0.0450	6	1.04	4%	1
006.00	Total Sugars, As sucrose (%)	0910	3.895	0.1100				2			0
006.00	Total Sugars, As sucrose (%)	0407	5.351	0.0250				2			0
006.99	Total Sugars, Miscellaneous (%)	0956	4.550	0.1000				1			0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	17.09	0.0200	18.89	0.8000	0.2601	13	-2.25	5%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	17.99	0.0300	18.89	0.8000	0.2601	13	-1.13	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0728	18.24	0.6300	18.89	0.8000	0.2601	13	-0.82	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0885	18.24	0.3913	18.89	0.8000	0.2601	13	-0.81	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	18.73	0.0900	18.89	0.8000	0.2601	13	-0.21	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	18.86	0.0900	18.89	0.8000	0.2601	13	-0.04	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	18.88	0.3800	18.89	0.8000	0.2601	13	-0.01	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	19.05	0.5000	18.89	0.8000	0.2601	13	0.20	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	19.07	0.1600	18.89	0.8000	0.2601	13	0.22	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	19.59	0.0600	18.89	0.8000	0.2601	13	0.87	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	19.60	0.1800	18.89	0.8000	0.2601	13	0.89	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	19.71	0.5500	18.89	0.8000	0.2601	13	1.02	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	19.95	0.3000	18.89	0.8000	0.2601	13	1.32	3%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	20.30	0.8000				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	16.60	1.000	18.90	1.151	0.2749	36	-2.00	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	17.21	0.0800	18.90	1.151	0.2749	36	-1.47	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0590	17.30	0.4000	18.90	1.151	0.2749	36	-1.39	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	17.34	0.0780	18.90	1.151	0.2749	36	-1.36	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	17.53	0.2200	18.90	1.151	0.2749	36	-1.19	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	17.74	0.5200	18.90	1.151	0.2749	36	-1.01	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	17.78	0.5800	18.90	1.151	0.2749	36	-0.98	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	17.87	0.1100	18.90	1.151	0.2749	36	-0.90	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	17.90	0.2000	18.90	1.151	0.2749	36	-0.87	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0878	18.31	0.0100	18.90	1.151	0.2749	36	-0.52	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	18.34	0.0300	18.90	1.151	0.2749	36	-0.49	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	18.36	0.1000	18.90	1.151	0.2749	36	-0.47	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	18.43	0.2800	18.90	1.151	0.2749	36	-0.41	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	18.48	0.1200	18.90	1.151	0.2749	36	-0.37	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	18.59	0.0000	18.90	1.151	0.2749	36	-0.27	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	18.75	0.1000	18.90	1.151	0.2749	36	-0.13	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	18.95	0.1000	18.90	1.151	0.2749	36	0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	18.95	0.0000	18.90	1.151	0.2749	36	0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	19.02	0.1900	18.90	1.151	0.2749	36	0.10	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	19.06	0.1200	18.90	1.151	0.2749	36	0.14	0%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	19.27	0.1700	18.90	1.151	0.2749	36	0.31	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	19.31	0.0416	18.90	1.151	0.2749	36	0.35	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	19.39	0.2800	18.90	1.151	0.2749	36	0.42	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	19.45	0.3000	18.90	1.151	0.2749	36	0.48	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	19.52	0.2800	18.90	1.151	0.2749	36	0.54	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	19.56	0.3100	18.90	1.151	0.2749	36	0.57	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	19.65	0.0400	18.90	1.151	0.2749	36	0.65	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	19.74	1.280	18.90	1.151	0.2749	36	0.73	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	19.80	0.2000	18.90	1.151	0.2749	36	0.78	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	19.90	0.0500	18.90	1.151	0.2749	36	0.86	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	19.98	0.6600	18.90	1.151	0.2749	36	0.94	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	20.00	0.6000	18.90	1.151	0.2749	36	0.95	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	20.13	0.3800	18.90	1.151	0.2749	36	1.07	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	20.50	0.2000	18.90	1.151	0.2749	36	1.39	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	21.70	0.2000	18.90	1.151	0.2749	36	2.43	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	21.80	0.6684	18.90	1.151	0.2749	36	2.52	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	19.56	1.763	18.90	1.151	0.2749	36	0.57	2%	1
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	8.939	0.3406	18.90	1.151	0.2749	36	-8.66	26%	2
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	19.79	0.0800				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	31.50	0.6000	35.15	1.610	0.3133	11	-2.27	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	32.93	0.1800	35.15	1.610	0.3133	11	-1.38	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0885	33.72	0.3366	35.15	1.610	0.3133	11	-0.88	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	35.00	0.4200	35.15	1.610	0.3133	11	-0.09	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	35.25	0.1000	35.15	1.610	0.3133	11	0.06	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	35.55	0.0200	35.15	1.610	0.3133	11	0.25	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	35.80	0.4000	35.15	1.610	0.3133	11	0.40	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	35.90	0.1400	35.15	1.610	0.3133	11	0.47	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	36.52	0.6200	35.15	1.610	0.3133	11	0.85	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	36.55	0.5000	35.15	1.610	0.3133	11	0.87	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	36.69	0.1300	35.15	1.610	0.3133	11	0.95	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	14.87	0.7208	34.77	1.586	0.3528	36	-12.55	29%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	22.80	0.1000	34.77	1.586	0.3528	36	-7.55	17%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	32.62	0.1100	34.77	1.586	0.3528	36	-1.36	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	32.64	0.5100	34.77	1.586	0.3528	36	-1.35	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	33.15	0.3000	34.77	1.586	0.3528	36	-1.02	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	33.33	0.0400	34.77	1.586	0.3528	36	-0.91	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	33.51	0.2600	34.77	1.586	0.3528	36	-0.79	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0878	33.74	0.0800	34.77	1.586	0.3528	36	-0.65	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	33.75	0.9000	34.77	1.586	0.3528	36	-0.64	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	33.85	0.3000	34.77	1.586	0.3528	36	-0.58	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	34.15	0.1000	34.77	1.586	0.3528	36	-0.39	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	34.20	0.4100	34.77	1.586	0.3528	36	-0.36	1%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	34.21	0.3300	34.77	1.586	0.3528	36	-0.36	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	34.22	0.2200	34.77	1.586	0.3528	36	-0.35	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	34.28	0.0300	34.77	1.586	0.3528	36	-0.31	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	34.49	0.3230	34.77	1.586	0.3528	36	-0.17	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	34.50	0.2000	34.77	1.586	0.3528	36	-0.17	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	34.60	0.2000	34.77	1.586	0.3528	36	-0.11	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	34.65	0.7000	34.77	1.586	0.3528	36	-0.08	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	34.77	0.3390	34.77	1.586	0.3528	36	0.00	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2302	34.83	0.3900	34.77	1.586	0.3528	36	0.04	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	35.03	0.1200	34.77	1.586	0.3528	36	0.16	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	35.04	0.0000	34.77	1.586	0.3528	36	0.17	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	35.10	0.3300	34.77	1.586	0.3528	36	0.21	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	35.18	0.4750	34.77	1.586	0.3528	36	0.26	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	35.50	0.1500	34.77	1.586	0.3528	36	0.46	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0590	35.70	1.400	34.77	1.586	0.3528	36	0.59	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0638	35.70	0.6000	34.77	1.586	0.3528	36	0.59	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	35.80	0.0000	34.77	1.586	0.3528	36	0.65	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	36.09	0.0400	34.77	1.586	0.3528	36	0.83	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	36.64	0.3300	34.77	1.586	0.3528	36	1.18	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	37.08	0.8600	34.77	1.586	0.3528	36	1.46	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	37.40	0.2300	34.77	1.586	0.3528	36	1.66	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	37.56	0.6000	34.77	1.586	0.3528	36	1.76	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	38.30	0.5200	34.77	1.586	0.3528	36	2.23	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	39.10	0.4834	34.77	1.586	0.3528	36	2.73	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	32.00	3.800	34.77	1.586	0.3528	36	-1.75	4%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	33.78	0.4900				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0728	34.88	0.7600				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	37.37	0.1200				3			0
010.03	Moisture, Karl-Fischer (%)	0843	8.330	0.4200				2			0
010.03	Moisture, Karl-Fischer (%)	0164	8.820	0.0200				2			0
010.11	Moisture, NIR (%)	0553	7.900	0.0400	8.969	1.193	0.0825	4			0
010.11	Moisture, NIR (%)	0889	8.565	0.1700	8.969	1.193	0.0825	4			0
010.11	Moisture, NIR (%)	0148	8.735	0.0100	8.969	1.193	0.0825	4			0
010.11	Moisture, NIR (%)	2302	10.68	0.1100	8.969	1.193	0.0825	4			0
010.99	Moisture, Miscellaneous (%)	0964	8.543	0.0380	9.191	0.5374	0.0763	15	-1.21	4%	0
010.99	Moisture, Miscellaneous (%)	0726	8.640	0.0400	9.191	0.5374	0.0763	15	-1.03	3%	0
010.99	Moisture, Miscellaneous (%)	0692	8.685	0.0300	9.191	0.5374	0.0763	15	-0.94	3%	0
010.99	Moisture, Miscellaneous (%)	0939	8.770	0.0800	9.191	0.5374	0.0763	15	-0.78	2%	0
010.99	Moisture, Miscellaneous (%)	0948	8.845	0.0300	9.191	0.5374	0.0763	15	-0.64	2%	0
010.99	Moisture, Miscellaneous (%)	2076	9.025	0.0100	9.191	0.5374	0.0763	15	-0.31	1%	0
010.99	Moisture, Miscellaneous (%)	0652	9.100	0.2000	9.191	0.5374	0.0763	15	-0.17	0%	0
010.99	Moisture, Miscellaneous (%)	0921	9.120	0.0600	9.191	0.5374	0.0763	15	-0.13	0%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
010.99	Moisture, Miscellaneous (%)	2150	9.135	0.1500	9.191	0.5374	0.0763	15	-0.10	0%	0
010.99	Moisture, Miscellaneous (%)	2089	9.205	0.1100	9.191	0.5374	0.0763	15	0.03	0%	0
010.99	Moisture, Miscellaneous (%)	2178	9.535	0.1500	9.191	0.5374	0.0763	15	0.64	2%	0
010.99	Moisture, Miscellaneous (%)	0190	9.570	0.0200	9.191	0.5374	0.0763	15	0.70	2%	0
010.99	Moisture, Miscellaneous (%)	0914	9.705	0.0500	9.191	0.5374	0.0763	15	0.96	3%	0
010.99	Moisture, Miscellaneous (%)	2129	9.995	0.1159	9.191	0.5374	0.0763	15	1.50	4%	0
010.99	Moisture, Miscellaneous (%)	0405	10.41	0.0600	9.191	0.5374	0.0763	15	2.27	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	8.200	0.0000	9.872	0.4809	0.0914	56	-3.48	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	8.675	0.0100	9.872	0.4809	0.0914	56	-2.49	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	8.745	0.0300	9.872	0.4809	0.0914	56	-2.34	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	8.800	0.2000	9.872	0.4809	0.0914	56	-2.23	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2171	8.910	0.1800	9.872	0.4809	0.0914	56	-2.00	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	9.039	0.0520	9.872	0.4809	0.0914	56	-1.73	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2314	9.120	0.0000	9.872	0.4809	0.0914	56	-1.56	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	9.199	0.0700	9.872	0.4809	0.0914	56	-1.40	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	9.225	0.0100	9.872	0.4809	0.0914	56	-1.35	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	9.350	0.0000	9.872	0.4809	0.0914	56	-1.09	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	9.465	0.0500	9.872	0.4809	0.0914	56	-0.85	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2168	9.540	0.1800	9.872	0.4809	0.0914	56	-0.69	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	9.550	0.1000	9.872	0.4809	0.0914	56	-0.67	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2033	9.605	0.0500	9.872	0.4809	0.0914	56	-0.56	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	9.700	0.0600	9.872	0.4809	0.0914	56	-0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	9.710	0.0000	9.872	0.4809	0.0914	56	-0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	9.723	0.1095	9.872	0.4809	0.0914	56	-0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	9.725	0.0100	9.872	0.4809	0.0914	56	-0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	9.738	0.0510	9.872	0.4809	0.0914	56	-0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0425	9.745	0.1100	9.872	0.4809	0.0914	56	-0.26	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	9.750	0.0000	9.872	0.4809	0.0914	56	-0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	9.775	0.0500	9.872	0.4809	0.0914	56	-0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	9.790	0.0600	9.872	0.4809	0.0914	56	-0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	9.820	0.0200	9.872	0.4809	0.0914	56	-0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.850	0.2000	9.872	0.4809	0.0914	56	-0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2057	9.853	0.0265	9.872	0.4809	0.0914	56	-0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2174	9.855	0.1500	9.872	0.4809	0.0914	56	-0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	9.860	0.0000	9.872	0.4809	0.0914	56	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	9.895	0.0300	9.872	0.4809	0.0914	56	0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	9.950	0.0200	9.872	0.4809	0.0914	56	0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	9.950	0.1000	9.872	0.4809	0.0914	56	0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2196	9.950	0.0000	9.872	0.4809	0.0914	56	0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	9.955	0.2100	9.872	0.4809	0.0914	56	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	10.00	0.0200	9.872	0.4809	0.0914	56	0.27	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	10.00	0.0000	9.872	0.4809	0.0914	56	0.27	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.01	Loss on Drying, 135°C 2hr (%)	0553	10.04	0.5000	9.872	0.4809	0.0914	56	0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.06	0.0893	9.872	0.4809	0.0914	56	0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	10.08	0.1700	9.872	0.4809	0.0914	56	0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	10.09	0.1900	9.872	0.4809	0.0914	56	0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	10.09	0.0400	9.872	0.4809	0.0914	56	0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	10.12	0.0400	9.872	0.4809	0.0914	56	0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2302	10.17	0.0200	9.872	0.4809	0.0914	56	0.62	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	10.23	0.3000	9.872	0.4809	0.0914	56	0.74	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	10.29	0.0400	9.872	0.4809	0.0914	56	0.87	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	10.29	0.1200	9.872	0.4809	0.0914	56	0.87	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	10.31	0.0100	9.872	0.4809	0.0914	56	0.90	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0618	10.34	0.3150	9.872	0.4809	0.0914	56	0.97	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	10.36	0.1700	9.872	0.4809	0.0914	56	1.00	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	10.37	0.1000	9.872	0.4809	0.0914	56	1.04	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	10.40	0.0900	9.872	0.4809	0.0914	56	1.09	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	10.40	0.1867	9.872	0.4809	0.0914	56	1.09	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	10.45	0.0400	9.872	0.4809	0.0914	56	1.20	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	10.48	0.1100	9.872	0.4809	0.0914	56	1.25	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	10.53	0.3300	9.872	0.4809	0.0914	56	1.36	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	10.60	0.0900	9.872	0.4809	0.0914	56	1.50	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2291	10.91	0.0100	9.872	0.4809	0.0914	56	2.15	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	9.000	0.6000	9.872	0.4809	0.0914	56	-1.81	4%	1
011.01	Loss on Drying, 135°C 2hr (%)	0358	10.51	0.6200	9.872	0.4809	0.0914	56	1.33	3%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	9.255	0.3900				2			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0529	10.19	0.0000				2			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	9.300	0.4000				2			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	2303	9.424	0.2040				2			0
012.00	Starch, Polarimetric (Ewers) (%)	0164	10.35	0.1000	11.45	0.5879	0.1655	16	-1.86	5%	0
012.00	Starch, Polarimetric (Ewers) (%)	0848	10.53	0.0100	11.45	0.5879	0.1655	16	-1.57	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	11.15	0.1900	11.45	0.5879	0.1655	16	-0.51	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	11.20	0.0078	11.45	0.5879	0.1655	16	-0.42	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0638	11.20	0.0000	11.45	0.5879	0.1655	16	-0.42	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	11.20	0.6000	11.45	0.5879	0.1655	16	-0.42	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	11.30	0.0000	11.45	0.5879	0.1655	16	-0.25	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0939	11.31	0.1100	11.45	0.5879	0.1655	16	-0.24	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	11.37	0.0000	11.45	0.5879	0.1655	16	-0.13	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	11.48	0.1600	11.45	0.5879	0.1655	16	0.06	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	11.60	0.2000	11.45	0.5879	0.1655	16	0.26	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	11.71	0.1700	11.45	0.5879	0.1655	16	0.44	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0941	11.73	0.2100	11.45	0.5879	0.1655	16	0.48	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	12.21	0.3700	11.45	0.5879	0.1655	16	1.29	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	12.24	0.4200	11.45	0.5879	0.1655	16	1.35	3%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
012.00	Starch, Polarimetric (Ewers) (%)	0619	12.45	0.1000	11.45	0.5879	0.1655	16	1.71	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	9.600	0.4000	10.87	1.538	0.3485	12	-0.83	6%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	9.620	0.3200	10.87	1.538	0.3485	12	-0.82	6%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0910	9.800	0.2000	10.87	1.538	0.3485	12	-0.70	5%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0160	9.905	0.5300	10.87	1.538	0.3485	12	-0.63	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	10.00	0.0998	10.87	1.538	0.3485	12	-0.56	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	10.10	0.2000	10.87	1.538	0.3485	12	-0.50	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	10.61	0.0870	10.87	1.538	0.3485	12	-0.17	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	10.70	1.200	10.87	1.538	0.3485	12	-0.11	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	11.27	0.1280	10.87	1.538	0.3485	12	0.26	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	12.52	0.0500	10.87	1.538	0.3485	12	1.07	8%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0885	13.22	0.5666	10.87	1.538	0.3485	12	1.52	11%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	14.40	0.4000	10.87	1.538	0.3485	12	2.29	16%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%	0407	9.111	1.425	10.49	1.164	0.6563	4			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%	0297	10.11	0.5800	10.49	1.164	0.6563	4			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%	0889	10.89	0.4100	10.49	1.164	0.6563	4			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%	0066	11.86	0.2100	10.49	1.164	0.6563	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	9.100	0.2000	9.918	0.8690	0.2250	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0098	9.440	0.0600	9.918	0.8690	0.2250	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	10.05	0.3000	9.918	0.8690	0.2250	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	11.08	0.3400	9.918	0.8690	0.2250	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	2129	32.03	0.1159	9.918	0.8690	0.2250	4			2
012.11	Starch, NIR (%)	0889	10.74	0.7200				2			0
012.11	Starch, NIR (%)	0297	12.62	0.9900				2			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	10.14	0.5000				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	4.125	0.2300	5.058	0.6609	0.3290	17	-1.41	9%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2146	4.275	0.1100	5.058	0.6609	0.3290	17	-1.18	8%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	4.350	0.1000	5.058	0.6609	0.3290	17	-1.07	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	4.630	0.8800	5.058	0.6609	0.3290	17	-0.65	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	4.665	0.6700	5.058	0.6609	0.3290	17	-0.59	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	4.825	0.1300	5.058	0.6609	0.3290	17	-0.35	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	4.895	0.1100	5.058	0.6609	0.3290	17	-0.25	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0297	4.930	1.600	5.058	0.6609	0.3290	17	-0.19	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	4.965	0.0100	5.058	0.6609	0.3290	17	-0.14	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	4.995	0.4500	5.058	0.6609	0.3290	17	-0.10	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	5.159	0.0039	5.058	0.6609	0.3290	17	0.15	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	5.250	0.1000	5.058	0.6609	0.3290	17	0.29	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	5.340	0.5400	5.058	0.6609	0.3290	17	0.43	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	5.731	0.4983	5.058	0.6609	0.3290	17	1.02	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0139	5.795	0.0100	5.058	0.6609	0.3290	17	1.12	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2304	6.025	0.0700	5.058	0.6609	0.3290	17	1.46	10%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	6.030	0.0800	5.058	0.6609	0.3290	17	1.47	10%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0618	4.906	2.593	5.058	0.6609	0.3290	17	-0.23	2%	1
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2314	2.440	0.0000	5.307	0.4844	0.0999	18	-5.92	27%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0354	4.290	0.1000	5.307	0.4844	0.0999	18	-2.10	10%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0853	4.700	0.0000	5.307	0.4844	0.0999	18	-1.25	6%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0921	4.910	0.2800	5.307	0.4844	0.0999	18	-0.82	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	5.006	0.0119	5.307	0.4844	0.0999	18	-0.62	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	5.090	0.3800	5.307	0.4844	0.0999	18	-0.45	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	5.230	0.1400	5.307	0.4844	0.0999	18	-0.16	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0100	5.265	0.3100	5.307	0.4844	0.0999	18	-0.09	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0675	5.345	0.0100	5.307	0.4844	0.0999	18	0.08	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2259	5.365	0.1320	5.307	0.4844	0.0999	18	0.12	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0914	5.470	0.0200	5.307	0.4844	0.0999	18	0.34	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	5.505	0.0700	5.307	0.4844	0.0999	18	0.41	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0656	5.520	0.0000	5.307	0.4844	0.0999	18	0.44	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	5.685	0.0300	5.307	0.4844	0.0999	18	0.78	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	5.697	0.0350	5.307	0.4844	0.0999	18	0.80	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0682	5.710	0.0000	5.307	0.4844	0.0999	18	0.83	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	5.830	0.1800	5.307	0.4844	0.0999	18	1.08	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	6.200	0.1000	5.307	0.4844	0.0999	18	1.84	8%	0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	3.225	1.214				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	4.860	0.0000				2			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	5.200	0.0600				2			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0968	4.815	0.0030	5.599	0.6396	0.2684	7	-1.23	7%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	5.230	0.9800	5.599	0.6396	0.2684	7	-0.58	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0939	5.385	0.0700	5.599	0.6396	0.2684	7	-0.33	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	2057	5.470	0.0359	5.599	0.6396	0.2684	7	-0.20	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	5.745	0.0900	5.599	0.6396	0.2684	7	0.23	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	5.990	0.3400	5.599	0.6396	0.2684	7	0.61	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	6.705	0.3596	5.599	0.6396	0.2684	7	1.73	10%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	106.4	0.5000	114.8	6.650	2.823	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	113.3	3.793	114.8	6.650	2.823	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	117.5	7.000	114.8	6.650	2.823	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	122.0	0.0000	114.8	6.650	2.823	4			0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	57.85	0.9000				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	150.4	7.400				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	79.50	1.000	122.5	15.51	3.717	8	-2.77	18%	0
015.43	Aluminum, ICP, Microwave (ppm)	0297	113.0	6.000	122.5	15.51	3.717	8	-0.61	4%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	117.0	2.000	122.5	15.51	3.717	8	-0.35	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0918	121.2	3.380	122.5	15.51	3.717	8	-0.08	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0425	125.5	2.100	122.5	15.51	3.717	8	0.19	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	126.3	1.500	122.5	15.51	3.717	8	0.24	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	132.1	6.755	122.5	15.51	3.717	8	0.62	4%	0

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015.43	Aluminum, ICP, Microwave (ppm)	0353	146.5	7.000	122.5	15.51	3.717	8	1.55	10%	0
015.52	Aluminum, ICP-MS, Open vessel (ppm)	0560	108.9	1.800				1			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	135.0	6.000				1			0
015.99	Aluminum, Miscellaneous (ppm)	2302	238.0	16.00				1			0
017.41	Boron, ICP, Dry ash (ppm)	0407	8.805	0.8880				3			0
017.41	Boron, ICP, Dry ash (ppm)	0358	9.120	0.1400				3			0
017.41	Boron, ICP, Dry ash (ppm)	0226	9.525	0.1100				3			0
017.42	Boron, ICP, Open vessel (ppm)	0045	8.255	0.3100	9.337	1.233	0.3760	6	-0.88	6%	0
017.42	Boron, ICP, Open vessel (ppm)	0693	8.382	0.8460	9.337	1.233	0.3760	6	-0.77	5%	0
017.42	Boron, ICP, Open vessel (ppm)	0294	9.050	0.1000	9.337	1.233	0.3760	6	-0.23	2%	0
017.42	Boron, ICP, Open vessel (ppm)	0037	9.250	0.1000	9.337	1.233	0.3760	6	-0.07	0%	0
017.42	Boron, ICP, Open vessel (ppm)	0265	9.900	0.8000	9.337	1.233	0.3760	6	0.46	3%	0
017.42	Boron, ICP, Open vessel (ppm)	2129	11.50	0.1000	9.337	1.233	0.3760	6	1.75	12%	0
017.43	Boron, ICP, Microwave (ppm)	0345	8.460	0.1200	9.117	0.4070	0.1258	5			0
017.43	Boron, ICP, Microwave (ppm)	0510	9.000	0.0000	9.117	0.4070	0.1258	5			0
017.43	Boron, ICP, Microwave (ppm)	0407	9.270	0.1790	9.117	0.4070	0.1258	5			0
017.43	Boron, ICP, Microwave (ppm)	0918	9.405	0.0300	9.117	0.4070	0.1258	5			0
017.43	Boron, ICP, Microwave (ppm)	0083	9.450	0.3000	9.117	0.4070	0.1258	5			0
017.43	Boron, ICP, Microwave (ppm)	0353	8.500	1.000	9.117	0.4070	0.1258	5			1
017.43	Boron, ICP, Microwave (ppm)	0297	0.0000	0.0000	9.117	0.4070	0.1258	5			4
017.44	Boron, ICP, Dry ash (ppm)	0405	13.39	0.6800				1			0
017.52	Boron, ICP-MS, Open vessel (ppm)	0560	9.590	1.260				1			0
017.53	Boron, ICP-MS, Microwave (ppm)	0553	8.460	0.5000				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.033	0.0610	1.492	0.0972	0.0183	9	-4.73	15%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	1.373	0.0410	1.492	0.0972	0.0183	9	-1.23	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2295	1.465	0.0100	1.492	0.0972	0.0183	9	-0.28	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	1.470	0.0000	1.492	0.0972	0.0183	9	-0.22	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.535	0.0100	1.492	0.0972	0.0183	9	0.44	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	1.538	0.0227	1.492	0.0972	0.0183	9	0.48	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	1.540	0.0200	1.492	0.0972	0.0183	9	0.50	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	1.570	0.0000	1.492	0.0972	0.0183	9	0.80	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.590	0.0000	1.492	0.0972	0.0183	9	1.01	3%	0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.516	0.0094				1			0
019.08	Calcium, EDTA (%)	0590	1.495	0.0100	1.537	0.0335	0.0089	6	-1.26	1%	0
019.08	Calcium, EDTA (%)	2196	1.507	0.0000	1.537	0.0335	0.0089	6	-0.90	1%	0
019.08	Calcium, EDTA (%)	2188	1.540	0.0000	1.537	0.0335	0.0089	6	0.09	0%	0
019.08	Calcium, EDTA (%)	0689	1.555	0.0100	1.537	0.0335	0.0089	6	0.53	1%	0
019.08	Calcium, EDTA (%)	0885	1.559	0.0303	1.537	0.0335	0.0089	6	0.66	1%	0
019.08	Calcium, EDTA (%)	2009	1.566	0.0033	1.537	0.0335	0.0089	6	0.88	1%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.369	0.0430				1			0
019.31	Calcium, AAS, Dry ash (%)	0563	1.324	0.0279	1.503	0.0616	0.0164	16	-2.91	6%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.440	0.0000	1.503	0.0616	0.0164	16	-1.03	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.31	Calcium, AAS, Dry ash (%)	0142	1.448	0.0131	1.503	0.0616	0.0164	16	-0.90	2%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.450	0.0000	1.503	0.0616	0.0164	16	-0.87	2%	0
019.31	Calcium, AAS, Dry ash (%)	2022	1.460	0.0000	1.503	0.0616	0.0164	16	-0.70	1%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.475	0.0500	1.503	0.0616	0.0164	16	-0.46	1%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.490	0.0200	1.503	0.0616	0.0164	16	-0.22	0%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.492	0.0330	1.503	0.0616	0.0164	16	-0.19	0%	0
019.31	Calcium, AAS, Dry ash (%)	0868	1.525	0.0100	1.503	0.0616	0.0164	16	0.35	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.525	0.0100	1.503	0.0616	0.0164	16	0.35	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	1.527	0.0000	1.503	0.0616	0.0164	16	0.38	1%	0
019.31	Calcium, AAS, Dry ash (%)	2188	1.530	0.0000	1.503	0.0616	0.0164	16	0.43	1%	0
019.31	Calcium, AAS, Dry ash (%)	0656	1.540	0.0000	1.503	0.0616	0.0164	16	0.59	1%	0
019.31	Calcium, AAS, Dry ash (%)	0536	1.550	0.0200	1.503	0.0616	0.0164	16	0.76	2%	0
019.31	Calcium, AAS, Dry ash (%)	2146	1.615	0.0300	1.503	0.0616	0.0164	16	1.81	4%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.667	0.0490	1.503	0.0616	0.0164	16	2.65	5%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.500	0.2000	1.503	0.0616	0.0164	16	-0.05	0%	1
019.31	Calcium, AAS, Dry ash (%)	0921	14.66	0.0190	1.503	0.0616	0.0164	16	213.65	438%	2
019.32	Calcium, AAS, Open vessel (%)	0169	1.475	0.0500				1			0
019.33	Calcium, AAS, Microwave (%)	0612	1.565	0.0100				1			0
019.41	Calcium, ICP, Dry ash (%)	2259	1.364	0.0060	1.508	0.0867	0.0360	24	-1.67	5%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.415	0.0100	1.508	0.0867	0.0360	24	-1.08	3%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.420	0.0400	1.508	0.0867	0.0360	24	-1.02	3%	0
019.41	Calcium, ICP, Dry ash (%)	0878	1.420	0.0200	1.508	0.0867	0.0360	24	-1.02	3%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.440	0.0800	1.508	0.0867	0.0360	24	-0.79	2%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.440	0.0600	1.508	0.0867	0.0360	24	-0.79	2%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.460	0.0200	1.508	0.0867	0.0360	24	-0.56	2%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.468	0.0010	1.508	0.0867	0.0360	24	-0.47	1%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.470	0.0400	1.508	0.0867	0.0360	24	-0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0354	1.480	0.0200	1.508	0.0867	0.0360	24	-0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.490	0.0000	1.508	0.0867	0.0360	24	-0.21	1%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.490	0.0200	1.508	0.0867	0.0360	24	-0.21	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.496	0.0773	1.508	0.0867	0.0360	24	-0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.510	0.0000	1.508	0.0867	0.0360	24	0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.515	0.0700	1.508	0.0867	0.0360	24	0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.525	0.0100	1.508	0.0867	0.0360	24	0.19	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.530	0.1200	1.508	0.0867	0.0360	24	0.25	1%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.550	0.0200	1.508	0.0867	0.0360	24	0.48	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.579	0.0320	1.508	0.0867	0.0360	24	0.81	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.610	0.0200	1.508	0.0867	0.0360	24	1.17	3%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.615	0.0300	1.508	0.0867	0.0360	24	1.23	4%	0
019.41	Calcium, ICP, Dry ash (%)	0685	1.625	0.0100	1.508	0.0867	0.0360	24	1.34	4%	0
019.41	Calcium, ICP, Dry ash (%)	0018	1.655	0.1300	1.508	0.0867	0.0360	24	1.69	5%	0
019.41	Calcium, ICP, Dry ash (%)	0405	1.674	0.0270	1.508	0.0867	0.0360	24	1.90	5%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.41	Calcium, ICP, Dry ash (%)	0004	1.635	0.2100	1.508	0.0867	0.0360	24	1.46	4%	1
019.42	Calcium, ICP, Open vessel (%)	0294	1.355	0.0100	1.529	0.1199	0.0220	16	-1.45	6%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.405	0.0110	1.529	0.1199	0.0220	16	-1.03	4%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.417	0.0028	1.529	0.1199	0.0220	16	-0.93	4%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.450	0.0200	1.529	0.1199	0.0220	16	-0.65	3%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.460	0.0200	1.529	0.1199	0.0220	16	-0.57	2%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.485	0.0100	1.529	0.1199	0.0220	16	-0.36	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.495	0.0300	1.529	0.1199	0.0220	16	-0.28	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.500	0.1100	1.529	0.1199	0.0220	16	-0.24	1%	0
019.42	Calcium, ICP, Open vessel (%)	2053	1.505	0.0100	1.529	0.1199	0.0220	16	-0.20	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.525	0.0100	1.529	0.1199	0.0220	16	-0.03	0%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.565	0.0100	1.529	0.1199	0.0220	16	0.30	1%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.599	0.0000	1.529	0.1199	0.0220	16	0.59	2%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.642	0.0380	1.529	0.1199	0.0220	16	0.95	4%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.645	0.0500	1.529	0.1199	0.0220	16	0.97	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.700	0.0000	1.529	0.1199	0.0220	16	1.43	6%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.720	0.0200	1.529	0.1199	0.0220	16	1.60	6%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.591	0.1560	1.529	0.1199	0.0220	16	0.52	2%	1
019.43	Calcium, ICP, Microwave (%)	2314	1.188	0.0000	1.514	0.0938	0.0418	26	-3.48	11%	0
019.43	Calcium, ICP, Microwave (%)	0089	1.250	0.0000	1.514	0.0938	0.0418	26	-2.82	9%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.375	0.0100	1.514	0.0938	0.0418	26	-1.48	5%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.430	0.0614	1.514	0.0938	0.0418	26	-0.90	3%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.445	0.0100	1.514	0.0938	0.0418	26	-0.74	2%	0
019.43	Calcium, ICP, Microwave (%)	0505	1.450	0.1200	1.514	0.0938	0.0418	26	-0.68	2%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.459	0.0050	1.514	0.0938	0.0418	26	-0.59	2%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.467	0.0394	1.514	0.0938	0.0418	26	-0.50	2%	0
019.43	Calcium, ICP, Microwave (%)	0941	1.480	0.0000	1.514	0.0938	0.0418	26	-0.36	1%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.485	0.0300	1.514	0.0938	0.0418	26	-0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.485	0.0300	1.514	0.0938	0.0418	26	-0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.485	0.0500	1.514	0.0938	0.0418	26	-0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.500	0.0200	1.514	0.0938	0.0418	26	-0.15	0%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.515	0.1500	1.514	0.0938	0.0418	26	0.01	0%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.529	0.0420	1.514	0.0938	0.0418	26	0.16	0%	0
019.43	Calcium, ICP, Microwave (%)	0914	1.540	0.0330	1.514	0.0938	0.0418	26	0.28	1%	0
019.43	Calcium, ICP, Microwave (%)	0407	1.540	0.0083	1.514	0.0938	0.0418	26	0.28	1%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.550	0.0200	1.514	0.0938	0.0418	26	0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	0010	1.560	0.1000	1.514	0.0938	0.0418	26	0.49	2%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.570	0.0000	1.514	0.0938	0.0418	26	0.60	2%	0
019.43	Calcium, ICP, Microwave (%)	2192	1.590	0.1200	1.514	0.0938	0.0418	26	0.81	3%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.595	0.0100	1.514	0.0938	0.0418	26	0.86	3%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.625	0.0700	1.514	0.0938	0.0418	26	1.18	4%	0
019.43	Calcium, ICP, Microwave (%)	0032	1.635	0.0900	1.514	0.0938	0.0418	26	1.29	4%	0

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019.43	Calcium, ICP, Microwave (%)	2234	1.674	0.0682	1.514	0.0938	0.0418	26	1.70	5%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.680	0.0000	1.514	0.0938	0.0418	26	1.77	5%	0
019.44	Calcium, ICP, Dry ash (%)	0164	1.455	0.0100				2			0
019.44	Calcium, ICP, Dry ash (%)	0066	1.555	0.0500				2			0
019.51	Calcium, ICP-MS, Dry ash (%)	2146	1.645	0.0100				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.300	0.0461				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0560	1.544	0.0140				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	1.430	0.1000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.440	0.0400				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.590	0.1600				3			0
019.99	Calcium, Miscellaneous (%)	0242	1.370	0.0800	1.519	0.1145	0.0350	6	-1.30	5%	0
019.99	Calcium, Miscellaneous (%)	0868	1.470	0.0200	1.519	0.1145	0.0350	6	-0.43	2%	0
019.99	Calcium, Miscellaneous (%)	0590	1.495	0.0100	1.519	0.1145	0.0350	6	-0.21	1%	0
019.99	Calcium, Miscellaneous (%)	0676	1.515	0.0300	1.519	0.1145	0.0350	6	-0.04	0%	0
019.99	Calcium, Miscellaneous (%)	2302	1.630	0.0000	1.519	0.1145	0.0350	6	0.97	4%	0
019.99	Calcium, Miscellaneous (%)	0100	1.635	0.0700	1.519	0.1145	0.0350	6	1.01	4%	0
021.31	Cobalt, AAS, Dry ash (ppm)	0689	2.600	0.2000				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	3.165	0.3700				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0164	3.200	0.0000				3			0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	2.175	0.0100	2.819	0.5997	0.0341	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	2.195	0.0100	2.819	0.5997	0.0341	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	3.055	0.0676	2.819	0.5997	0.0341	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0066	3.178	0.0630	2.819	0.5997	0.0341	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	3.490	0.0200	2.819	0.5997	0.0341	5			0
021.42	Cobalt, ICP, Open vessel (ppm)	0693	2.641	0.2380				2			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	3.885	0.6500				2			0
021.43	Cobalt, ICP, Microwave (ppm)	0353	2.176	1.221	3.030	0.4665	0.2896	7	-1.83	14%	0
021.43	Cobalt, ICP, Microwave (ppm)	0345	2.570	0.0200	3.030	0.4665	0.2896	7	-0.99	8%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	3.145	0.0100	3.030	0.4665	0.2896	7	0.25	2%	0
021.43	Cobalt, ICP, Microwave (ppm)	0510	3.165	0.0300	3.030	0.4665	0.2896	7	0.29	2%	0
021.43	Cobalt, ICP, Microwave (ppm)	2234	3.298	0.4794	3.030	0.4665	0.2896	7	0.58	4%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	3.302	0.2666	3.030	0.4665	0.2896	7	0.58	4%	0
021.43	Cobalt, ICP, Microwave (ppm)	0682	3.400	0.0000	3.030	0.4665	0.2896	7	0.79	6%	0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	2.455	0.0300				2			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0560	3.175	0.3700				2			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0918	2.679	0.0859	3.023	0.2740	0.1300	5			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0941	2.790	0.0000	3.023	0.2740	0.1300	5			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0914	3.117	0.2840	3.023	0.2740	0.1300	5			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	3.235	0.0700	3.023	0.2740	0.1300	5			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	3.295	0.2100	3.023	0.2740	0.1300	5			0
022.31	Copper, AAS, Dry ash (ppm)	2022	50.50	1.000	58.89	5.218	1.604	13	-1.61	7%	0
022.31	Copper, AAS, Dry ash (ppm)	0536	53.63	3.250	58.89	5.218	1.604	13	-1.01	4%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.31	Copper, AAS, Dry ash (ppm)	0656	54.12	0.0000	58.89	5.218	1.604	13	-0.91	4%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	55.32	3.420	58.89	5.218	1.604	13	-0.68	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	56.75	0.3000	58.89	5.218	1.604	13	-0.41	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0001	57.24	1.050	58.89	5.218	1.604	13	-0.32	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	59.41	0.8000	58.89	5.218	1.604	13	0.10	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0563	60.49	3.290	58.89	5.218	1.604	13	0.31	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	61.45	5.100	58.89	5.218	1.604	13	0.49	2%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	61.80	0.0000	58.89	5.218	1.604	13	0.56	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0868	63.92	0.4600	58.89	5.218	1.604	13	0.96	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0175	65.00	2.000	58.89	5.218	1.604	13	1.17	5%	0
022.31	Copper, AAS, Dry ash (ppm)	2146	65.35	0.1800	58.89	5.218	1.604	13	1.24	5%	0
022.33	Copper, AAS, Microwave (ppm)	0948	60.46	1.161				1			0
022.41	Copper, ICP, Dry ash (ppm)	0619	55.95	0.9000	61.10	4.343	2.294	19	-1.19	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	57.00	0.0000	61.10	4.343	2.294	19	-0.94	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	57.27	2.513	61.10	4.343	2.294	19	-0.88	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	57.42	0.5000	61.10	4.343	2.294	19	-0.85	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	57.58	4.280	61.10	4.343	2.294	19	-0.81	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	57.99	2.510	61.10	4.343	2.294	19	-0.72	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	58.27	0.9300	61.10	4.343	2.294	19	-0.65	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0003	59.50	5.000	61.10	4.343	2.294	19	-0.37	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	59.59	1.140	61.10	4.343	2.294	19	-0.35	1%	0
022.41	Copper, ICP, Dry ash (ppm)	2152	60.92	1.060	61.10	4.343	2.294	19	-0.04	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	60.95	7.300	61.10	4.343	2.294	19	-0.04	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	61.00	2.000	61.10	4.343	2.294	19	-0.02	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	61.80	3.200	61.10	4.343	2.294	19	0.16	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	63.44	2.160	61.10	4.343	2.294	19	0.54	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	64.12	0.4000	61.10	4.343	2.294	19	0.69	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	66.42	1.300	61.10	4.343	2.294	19	1.22	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0878	66.50	1.000	61.10	4.343	2.294	19	1.24	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	68.15	1.010	61.10	4.343	2.294	19	1.62	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0405	76.77	6.380	61.10	4.343	2.294	19	3.61	13%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	53.54	0.0100	62.42	4.635	1.996	17	-1.92	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	56.75	1.500	62.42	4.635	1.996	17	-1.22	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	56.85	3.500	62.42	4.635	1.996	17	-1.20	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	58.00	1.200	62.42	4.635	1.996	17	-0.95	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	59.18	0.2200	62.42	4.635	1.996	17	-0.70	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	60.12	0.1700	62.42	4.635	1.996	17	-0.50	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	61.91	1.320	62.42	4.635	1.996	17	-0.11	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	62.70	8.702	62.42	4.635	1.996	17	0.06	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	62.80	0.6000	62.42	4.635	1.996	17	0.08	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	63.97	1.156	62.42	4.635	1.996	17	0.34	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	64.00	0.0000	62.42	4.635	1.996	17	0.34	1%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.42	Copper, ICP, Open vessel (ppm)	0035	65.00	2.000	62.42	4.635	1.996	17	0.56	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	65.45	0.2400	62.42	4.635	1.996	17	0.65	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	66.00	8.000	62.42	4.635	1.996	17	0.77	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	66.55	0.7000	62.42	4.635	1.996	17	0.89	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	67.00	4.000	62.42	4.635	1.996	17	0.99	4%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	81.41	0.6100	62.42	4.635	1.996	17	4.10	15%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	62.00	14.00	62.42	4.635	1.996	17	-0.09	0%	1
022.43	Copper, ICP, Microwave (ppm)	0505	52.88	8.540	62.83	5.488	1.638	21	-1.81	8%	0
022.43	Copper, ICP, Microwave (ppm)	0407	56.98	4.576	62.83	5.488	1.638	21	-1.07	5%	0
022.43	Copper, ICP, Microwave (ppm)	0032	57.50	0.4000	62.83	5.488	1.638	21	-0.97	4%	0
022.43	Copper, ICP, Microwave (ppm)	0169	57.55	0.5000	62.83	5.488	1.638	21	-0.96	4%	0
022.43	Copper, ICP, Microwave (ppm)	0918	58.89	0.4400	62.83	5.488	1.638	21	-0.72	3%	0
022.43	Copper, ICP, Microwave (ppm)	0510	59.50	1.000	62.83	5.488	1.638	21	-0.61	3%	0
022.43	Copper, ICP, Microwave (ppm)	0297	60.50	1.000	62.83	5.488	1.638	21	-0.42	2%	0
022.43	Copper, ICP, Microwave (ppm)	0098	61.43	0.7900	62.83	5.488	1.638	21	-0.26	1%	0
022.43	Copper, ICP, Microwave (ppm)	0083	61.50	1.000	62.83	5.488	1.638	21	-0.24	1%	0
022.43	Copper, ICP, Microwave (ppm)	0035	62.00	0.0000	62.83	5.488	1.638	21	-0.15	1%	0
022.43	Copper, ICP, Microwave (ppm)	0941	62.50	0.0000	62.83	5.488	1.638	21	-0.06	0%	0
022.43	Copper, ICP, Microwave (ppm)	0345	62.87	1.530	62.83	5.488	1.638	21	0.01	0%	0
022.43	Copper, ICP, Microwave (ppm)	0202	62.93	0.0800	62.83	5.488	1.638	21	0.02	0%	0
022.43	Copper, ICP, Microwave (ppm)	2314	63.10	0.0000	62.83	5.488	1.638	21	0.05	0%	0
022.43	Copper, ICP, Microwave (ppm)	0968	63.50	1.000	62.83	5.488	1.638	21	0.12	1%	0
022.43	Copper, ICP, Microwave (ppm)	0353	64.00	2.000	62.83	5.488	1.638	21	0.21	1%	0
022.43	Copper, ICP, Microwave (ppm)	2234	66.81	0.7017	62.83	5.488	1.638	21	0.72	3%	0
022.43	Copper, ICP, Microwave (ppm)	0675	70.42	5.550	62.83	5.488	1.638	21	1.38	6%	0
022.43	Copper, ICP, Microwave (ppm)	0425	70.75	1.100	62.83	5.488	1.638	21	1.44	6%	0
022.43	Copper, ICP, Microwave (ppm)	2089	71.16	4.180	62.83	5.488	1.638	21	1.52	7%	0
022.43	Copper, ICP, Microwave (ppm)	0682	71.40	0.0000	62.83	5.488	1.638	21	1.56	7%	0
022.43	Copper, ICP, Microwave (ppm)	2192	68.77	12.05	62.83	5.488	1.638	21	1.08	5%	1
022.44	Copper, ICP, Dry ash (ppm)	0164	57.50	1.000				2			0
022.44	Copper, ICP, Dry ash (ppm)	0066	73.14	1.150				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	63.00	6.000				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0560	63.55	5.300				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	58.45	2.500	61.66	4.180	7.064	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	58.53	1.410	61.66	4.180	7.064	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0914	62.35	8.144	61.66	4.180	7.064	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0572	67.30	16.20	61.66	4.180	7.064	4			0
022.99	Copper, Miscellaneous (ppm)	0590	52.80	6.400	56.20	3.586	4.600	4			0
022.99	Copper, Miscellaneous (ppm)	2302	53.50	9.000	56.20	3.586	4.600	4			0
022.99	Copper, Miscellaneous (ppm)	0242	58.50	3.000	56.20	3.586	4.600	4			0
022.99	Copper, Miscellaneous (ppm)	0100	60.00	0.0000	56.20	3.586	4.600	4			0
024.53	Iodine, ICP-MS, Microwave (ppm)	0941	6.240	0.0000				1			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.31	Iron, AAS, Dry ash (ppm)	0921	306.5	27.50	409.9	34.74	12.35	14	-2.98	13%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	369.7	18.83	409.9	34.74	12.35	14	-1.16	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	382.0	3.800	409.9	34.74	12.35	14	-0.80	3%	0
025.31	Iron, AAS, Dry ash (ppm)	2022	393.0	10.00	409.9	34.74	12.35	14	-0.49	2%	0
025.31	Iron, AAS, Dry ash (ppm)	2146	400.6	3.920	409.9	34.74	12.35	14	-0.27	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	403.7	24.40	409.9	34.74	12.35	14	-0.18	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0505	404.0	16.10	409.9	34.74	12.35	14	-0.17	1%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	405.2	0.0000	409.9	34.74	12.35	14	-0.14	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0868	414.5	3.000	409.9	34.74	12.35	14	0.13	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	418.5	0.4000	409.9	34.74	12.35	14	0.25	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0656	428.7	0.0000	409.9	34.74	12.35	14	0.54	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0689	437.2	43.50	409.9	34.74	12.35	14	0.78	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0175	463.0	10.00	409.9	34.74	12.35	14	1.53	6%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	502.3	11.50	409.9	34.74	12.35	14	2.66	11%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	328.5	5.000	396.8	42.09	12.08	18	-1.62	9%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	331.5	13.70	396.8	42.09	12.08	18	-1.55	8%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	345.6	3.260	396.8	42.09	12.08	18	-1.22	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	369.4	3.040	396.8	42.09	12.08	18	-0.65	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	369.5	15.83	396.8	42.09	12.08	18	-0.65	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0123	380.5	1.000	396.8	42.09	12.08	18	-0.39	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	387.0	2.000	396.8	42.09	12.08	18	-0.23	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	390.0	14.00	396.8	42.09	12.08	18	-0.16	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	393.0	0.0000	396.8	42.09	12.08	18	-0.09	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0878	396.0	14.00	396.8	42.09	12.08	18	-0.02	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	411.0	2.000	396.8	42.09	12.08	18	0.34	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	414.5	0.4000	396.8	42.09	12.08	18	0.42	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	417.0	6.000	396.8	42.09	12.08	18	0.48	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	431.6	23.27	396.8	42.09	12.08	18	0.83	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0405	433.0	11.49	396.8	42.09	12.08	18	0.86	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	437.4	0.5000	396.8	42.09	12.08	18	0.96	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	439.6	32.60	396.8	42.09	12.08	18	1.02	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	483.1	69.32	396.8	42.09	12.08	18	2.05	11%	0
025.41	Iron, ICP, Dry ash (ppm)	0003	423.0	142.0	396.8	42.09	12.08	18	0.62	3%	1
025.42	Iron, ICP, Open vessel (ppm)	0278	228.0	34.00	380.5	79.32	10.71	14	-1.92	20%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	233.5	0.8000	380.5	79.32	10.71	14	-1.85	19%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	296.5	5.000	380.5	79.32	10.71	14	-1.06	11%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	317.7	5.350	380.5	79.32	10.71	14	-0.79	8%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	339.3	7.760	380.5	79.32	10.71	14	-0.52	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	409.2	21.38	380.5	79.32	10.71	14	0.36	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	409.5	15.00	380.5	79.32	10.71	14	0.37	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	413.0	10.00	380.5	79.32	10.71	14	0.41	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	414.7	3.270	380.5	79.32	10.71	14	0.43	4%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.42	Iron, ICP, Open vessel (ppm)	2129	429.0	12.70	380.5	79.32	10.71	14	0.61	6%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	435.5	7.000	380.5	79.32	10.71	14	0.69	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	437.0	22.00	380.5	79.32	10.71	14	0.71	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	444.3	4.700	380.5	79.32	10.71	14	0.80	8%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	458.5	1.000	380.5	79.32	10.71	14	0.98	10%	0
025.43	Iron, ICP, Microwave (ppm)	2314	76.20	0.0000	410.0	45.09	13.29	18	-7.40	41%	0
025.43	Iron, ICP, Microwave (ppm)	0425	343.4	6.900	410.0	45.09	13.29	18	-1.48	8%	0
025.43	Iron, ICP, Microwave (ppm)	2089	377.7	55.90	410.0	45.09	13.29	18	-0.72	4%	0
025.43	Iron, ICP, Microwave (ppm)	0169	380.5	1.000	410.0	45.09	13.29	18	-0.65	4%	0
025.43	Iron, ICP, Microwave (ppm)	0675	382.2	32.81	410.0	45.09	13.29	18	-0.62	3%	0
025.43	Iron, ICP, Microwave (ppm)	0510	390.0	2.000	410.0	45.09	13.29	18	-0.44	2%	0
025.43	Iron, ICP, Microwave (ppm)	0407	392.0	4.458	410.0	45.09	13.29	18	-0.40	2%	0
025.43	Iron, ICP, Microwave (ppm)	0345	392.0	10.00	410.0	45.09	13.29	18	-0.40	2%	0
025.43	Iron, ICP, Microwave (ppm)	0297	401.0	2.000	410.0	45.09	13.29	18	-0.20	1%	0
025.43	Iron, ICP, Microwave (ppm)	0968	403.5	5.000	410.0	45.09	13.29	18	-0.14	1%	0
025.43	Iron, ICP, Microwave (ppm)	0918	418.1	12.95	410.0	45.09	13.29	18	0.18	1%	0
025.43	Iron, ICP, Microwave (ppm)	0083	422.0	10.00	410.0	45.09	13.29	18	0.27	1%	0
025.43	Iron, ICP, Microwave (ppm)	0098	438.1	13.70	410.0	45.09	13.29	18	0.62	3%	0
025.43	Iron, ICP, Microwave (ppm)	0353	440.0	30.00	410.0	45.09	13.29	18	0.67	4%	0
025.43	Iron, ICP, Microwave (ppm)	0682	453.6	0.0000	410.0	45.09	13.29	18	0.97	5%	0
025.43	Iron, ICP, Microwave (ppm)	0035	461.5	23.00	410.0	45.09	13.29	18	1.14	6%	0
025.43	Iron, ICP, Microwave (ppm)	2192	464.6	3.510	410.0	45.09	13.29	18	1.21	7%	0
025.43	Iron, ICP, Microwave (ppm)	0032	493.0	26.00	410.0	45.09	13.29	18	1.84	10%	0
025.52	Iron, ICP-MS, Open vessel (ppm)	0560	164.4	73.20				2			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	193.5	11.20				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	368.0	2.000				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	394.5	15.00				2			0
025.99	Iron, Miscellaneous (ppm)	0242	402.0	20.00				3			0
025.99	Iron, Miscellaneous (ppm)	2302	414.0	24.00				3			0
025.99	Iron, Miscellaneous (ppm)	0100	437.0	8.000				3			0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.3465	0.0050	0.3841	0.0159	0.0055	11	-2.36	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.3650	0.0100	0.3841	0.0159	0.0055	11	-1.20	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.3770	0.0060	0.3841	0.0159	0.0055	11	-0.45	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.3800	0.0000	0.3841	0.0159	0.0055	11	-0.26	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.3800	0.0000	0.3841	0.0159	0.0055	11	-0.26	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.3821	0.0127	0.3841	0.0159	0.0055	11	-0.13	0%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.3895	0.0030	0.3841	0.0159	0.0055	11	0.34	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.3900	0.0000	0.3841	0.0159	0.0055	11	0.37	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.3950	0.0100	0.3841	0.0159	0.0055	11	0.68	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.3984	0.0136	0.3841	0.0159	0.0055	11	0.90	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.5900	0.0000	0.3841	0.0159	0.0055	11	12.92	27%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.3850	0.0100				1			0

Test Material Code # 202024	Method Proficiency Testing Report								Issue Date : 05/31/2020		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.33	Magnesium, AAS, Microwave (%)	0948	0.3870	0.0120				1			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.3323	0.0188	0.3796	0.0218	0.0103	17	-2.17	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.3550	0.0100	0.3796	0.0218	0.0103	17	-1.13	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.3550	0.0100	0.3796	0.0218	0.0103	17	-1.13	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.3600	0.0200	0.3796	0.0218	0.0103	17	-0.90	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.3700	0.0000	0.3796	0.0218	0.0103	17	-0.44	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.3750	0.0300	0.3796	0.0218	0.0103	17	-0.21	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.3750	0.0100	0.3796	0.0218	0.0103	17	-0.21	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.3780	0.0120	0.3796	0.0218	0.0103	17	-0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.3787	0.0000	0.3796	0.0218	0.0103	17	-0.04	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.3800	0.0200	0.3796	0.0218	0.0103	17	0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.3805	0.0030	0.3796	0.0218	0.0103	17	0.04	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.3829	0.0017	0.3796	0.0218	0.0103	17	0.15	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.3950	0.0100	0.3796	0.0218	0.0103	17	0.71	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.3950	0.0100	0.3796	0.0218	0.0103	17	0.71	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.4015	0.0070	0.3796	0.0218	0.0103	17	1.01	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.4150	0.0100	0.3796	0.0218	0.0103	17	1.63	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.4470	0.0020	0.3796	0.0218	0.0103	17	3.10	9%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.4350	0.0700	0.3796	0.0218	0.0103	17	2.55	7%	1
027.42	Magnesium, ICP, Open vessel (%)	2129	0.2219	0.0031	0.3753	0.0269	0.0075	18	-5.71	20%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.3050	0.0100	0.3753	0.0269	0.0075	18	-2.62	9%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.3450	0.0100	0.3753	0.0269	0.0075	18	-1.13	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.3500	0.0000	0.3753	0.0269	0.0075	18	-0.94	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.3631	0.0002	0.3753	0.0269	0.0075	18	-0.46	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.3650	0.0100	0.3753	0.0269	0.0075	18	-0.38	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	0.3650	0.0100	0.3753	0.0269	0.0075	18	-0.38	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.3685	0.0130	0.3753	0.0269	0.0075	18	-0.25	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.3800	0.0000	0.3753	0.0269	0.0075	18	0.17	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.3800	0.0000	0.3753	0.0269	0.0075	18	0.17	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.3850	0.0020	0.3753	0.0269	0.0075	18	0.36	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.3850	0.0100	0.3753	0.0269	0.0075	18	0.36	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.3850	0.0100	0.3753	0.0269	0.0075	18	0.36	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.3947	0.0028	0.3753	0.0269	0.0075	18	0.72	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.3956	0.0136	0.3753	0.0269	0.0075	18	0.75	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.4050	0.0100	0.3753	0.0269	0.0075	18	1.10	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.4090	0.0300	0.3753	0.0269	0.0075	18	1.25	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.4100	0.0000	0.3753	0.0269	0.0075	18	1.29	5%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.3300	0.0200	0.3750	0.0212	0.0084	19	-2.13	6%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.3400	0.0000	0.3750	0.0212	0.0084	19	-1.65	5%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.3500	0.0000	0.3750	0.0212	0.0084	19	-1.18	3%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.3550	0.0100	0.3750	0.0212	0.0084	19	-0.95	3%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.3577	0.0103	0.3750	0.0212	0.0084	19	-0.82	2%	0

Test Material Code # 202024	Method Proficiency Testing Report								Issue Date : 05/31/2020		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.43	Magnesium, ICP, Microwave (%)	0505	0.3600	0.0400	0.3750	0.0212	0.0084	19	-0.71	2%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.3750	0.0100	0.3750	0.0212	0.0084	19	0.00	0%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.3775	0.0010	0.3750	0.0212	0.0084	19	0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.3795	0.0030	0.3750	0.0212	0.0084	19	0.21	1%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.3800	0.0000	0.3750	0.0212	0.0084	19	0.24	1%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.3800	0.0000	0.3750	0.0212	0.0084	19	0.24	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.3805	0.0050	0.3750	0.0212	0.0084	19	0.26	1%	0
027.43	Magnesium, ICP, Microwave (%)	0032	0.3850	0.0100	0.3750	0.0212	0.0084	19	0.47	1%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.3850	0.0100	0.3750	0.0212	0.0084	19	0.47	1%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.3850	0.0100	0.3750	0.0212	0.0084	19	0.47	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.3850	0.0100	0.3750	0.0212	0.0084	19	0.47	1%	0
027.43	Magnesium, ICP, Microwave (%)	0941	0.3900	0.0000	0.3750	0.0212	0.0084	19	0.71	2%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.4100	0.0000	0.3750	0.0212	0.0084	19	1.65	5%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.4100	0.0200	0.3750	0.0212	0.0084	19	1.65	5%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.3550	0.0500	0.3750	0.0212	0.0084	19	-0.95	3%	1
027.43	Magnesium, ICP, Microwave (%)	2314	3.271	0.0000	0.3750	0.0212	0.0084	19	136.85	386%	2
027.44	Magnesium, ICP, Dry ash (%)	0164	0.3735	0.0030				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0560	0.3792	0.0251				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.3888	0.0032				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.3780	0.0240				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.3830	0.0060				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.4050	0.0500				3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.3650	0.0100	0.4113	0.0514	0.0125	4			0
027.99	Magnesium, Miscellaneous (%)	0590	0.3800	0.0200	0.4113	0.0514	0.0125	4			0
027.99	Magnesium, Miscellaneous (%)	0100	0.4200	0.0000	0.4113	0.0514	0.0125	4			0
027.99	Magnesium, Miscellaneous (%)	2302	0.4800	0.0200	0.4113	0.0514	0.0125	4			0
028.31	Manganese, AAS, Dry ash (ppm)	0689	197.8	12.50	226.8	9.105	5.182	13	-3.20	6%	0
028.31	Manganese, AAS, Dry ash (ppm)	2146	217.4	9.800	226.8	9.105	5.182	13	-1.04	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	218.9	14.17	226.8	9.105	5.182	13	-0.87	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	220.0	10.80	226.8	9.105	5.182	13	-0.75	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0868	224.5	1.000	226.8	9.105	5.182	13	-0.26	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	226.0	0.0000	226.8	9.105	5.182	13	-0.09	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	226.2	2.800	226.8	9.105	5.182	13	-0.07	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0175	230.0	4.000	226.8	9.105	5.182	13	0.35	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0921	230.0	4.000	226.8	9.105	5.182	13	0.35	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2022	231.5	3.000	226.8	9.105	5.182	13	0.51	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	233.7	2.912	226.8	9.105	5.182	13	0.76	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0656	237.1	0.0000	226.8	9.105	5.182	13	1.13	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	242.8	2.390	226.8	9.105	5.182	13	1.75	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0536	576.4	0.0500	226.8	9.105	5.182	13	38.40	77%	2
028.33	Manganese, AAS, Microwave (ppm)	0948	214.8	6.154				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0619	164.0	2.000	220.8	26.30	10.62	17	-2.16	13%	0

Test Material Code # 202024	Method Proficiency Testing Report								Issue Date : 05/31/2020		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.41	Manganese, ICP, Dry ash (ppm)	0226	181.6	19.57	220.8	26.30	10.62	17	-1.49	9%	0
028.41	Manganese, ICP, Dry ash (ppm)	0354	185.4	2.030	220.8	26.30	10.62	17	-1.34	8%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	205.1	11.00	220.8	26.30	10.62	17	-0.60	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	216.0	18.00	220.8	26.30	10.62	17	-0.18	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	217.1	6.400	220.8	26.30	10.62	17	-0.14	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	217.2	12.32	220.8	26.30	10.62	17	-0.13	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	218.5	15.00	220.8	26.30	10.62	17	-0.09	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	221.9	3.000	220.8	26.30	10.62	17	0.04	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0878	223.5	1.000	220.8	26.30	10.62	17	0.10	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	227.0	1.100	220.8	26.30	10.62	17	0.23	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	230.8	14.30	220.8	26.30	10.62	17	0.38	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	232.0	12.00	220.8	26.30	10.62	17	0.43	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	236.4	28.83	220.8	26.30	10.62	17	0.60	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0003	239.0	2.000	220.8	26.30	10.62	17	0.69	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	270.2	23.63	220.8	26.30	10.62	17	1.88	11%	0
028.41	Manganese, ICP, Dry ash (ppm)	0405	271.4	8.380	220.8	26.30	10.62	17	1.93	11%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	160.9	0.0100	226.5	19.08	4.562	17	-3.44	14%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	198.9	10.02	226.5	19.08	4.562	17	-1.45	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	202.7	0.6000	226.5	19.08	4.562	17	-1.25	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	208.5	5.000	226.5	19.08	4.562	17	-0.95	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	221.5	9.000	226.5	19.08	4.562	17	-0.26	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	222.5	11.00	226.5	19.08	4.562	17	-0.21	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	223.5	5.000	226.5	19.08	4.562	17	-0.16	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	224.2	1.420	226.5	19.08	4.562	17	-0.12	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0265	225.5	21.00	226.5	19.08	4.562	17	-0.05	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	232.3	0.8320	226.5	19.08	4.562	17	0.30	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	235.2	0.5000	226.5	19.08	4.562	17	0.45	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	235.5	3.000	226.5	19.08	4.562	17	0.47	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	237.0	6.000	226.5	19.08	4.562	17	0.55	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	242.0	0.0000	226.5	19.08	4.562	17	0.81	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	243.0	0.0000	226.5	19.08	4.562	17	0.86	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	245.7	1.370	226.5	19.08	4.562	17	1.01	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	256.3	2.800	226.5	19.08	4.562	17	1.56	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	227.0	32.83	226.5	19.08	4.562	17	0.02	0%	1
028.43	Manganese, ICP, Microwave (ppm)	0914	208.7	1.300	233.1	16.35	6.734	21	-1.50	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	212.7	0.5374	233.1	16.35	6.734	21	-1.25	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	213.5	1.000	233.1	16.35	6.734	21	-1.20	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	215.5	5.000	233.1	16.35	6.734	21	-1.08	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	219.4	21.30	233.1	16.35	6.734	21	-0.84	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	221.5	6.630	233.1	16.35	6.734	21	-0.71	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	223.0	4.000	233.1	16.35	6.734	21	-0.62	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	230.0	0.0000	233.1	16.35	6.734	21	-0.19	1%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.43	Manganese, ICP, Microwave (ppm)	0345	232.1	3.800	233.1	16.35	6.734	21	-0.06	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0425	233.0	0.6000	233.1	16.35	6.734	21	-0.01	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0941	233.0	0.0000	233.1	16.35	6.734	21	-0.01	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	233.7	19.16	233.1	16.35	6.734	21	0.03	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0032	239.0	4.000	233.1	16.35	6.734	21	0.36	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	239.5	13.00	233.1	16.35	6.734	21	0.39	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	240.5	1.000	233.1	16.35	6.734	21	0.45	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	242.7	16.40	233.1	16.35	6.734	21	0.59	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	246.2	5.750	233.1	16.35	6.734	21	0.80	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	248.6	0.0000	233.1	16.35	6.734	21	0.95	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	253.0	20.30	233.1	16.35	6.734	21	1.22	4%	0
028.43	Manganese, ICP, Microwave (ppm)	2234	253.4	11.63	233.1	16.35	6.734	21	1.24	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	257.0	6.000	233.1	16.35	6.734	21	1.46	5%	0
028.43	Manganese, ICP, Microwave (ppm)	2314	47.39	0.0000	233.1	16.35	6.734	21	-11.36	40%	2
028.44	Manganese, ICP, Dry ash (ppm)	0164	220.5	5.000				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0066	222.6	3.410				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	236.5	1.000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0560	247.1	17.60				2			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	209.5	5.000	226.2	12.58	6.508	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	223.5	1.000	226.2	12.58	6.508	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	235.8	4.030	226.2	12.58	6.508	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0572	236.0	16.00	226.2	12.58	6.508	4			0
028.99	Manganese, Miscellaneous (ppm)	0242	222.5	1.000				3			0
028.99	Manganese, Miscellaneous (ppm)	0590	228.0	4.000				3			0
028.99	Manganese, Miscellaneous (ppm)	0100	250.5	1.000				3			0
028.99	Manganese, Miscellaneous (ppm)	2302	238.0	16.00				3			1
031.00	Phosphorus, Vol (%)	0893	0.8900	0.0200				2			0
031.00	Phosphorus, Vol (%)	2295	0.9850	0.0100				2			0
031.01	Phosphorus, Photometric (%)	2022	0.7200	0.0000	0.9234	0.0180	0.0092	28	-11.27	11%	0
031.01	Phosphorus, Photometric (%)	0018	0.8095	0.0270	0.9234	0.0180	0.0092	28	-6.31	6%	0
031.01	Phosphorus, Photometric (%)	0142	0.8638	0.0141	0.9234	0.0180	0.0092	28	-3.31	3%	0
031.01	Phosphorus, Photometric (%)	2146	0.8750	0.0100	0.9234	0.0180	0.0092	28	-2.68	3%	0
031.01	Phosphorus, Photometric (%)	0175	0.8850	0.0100	0.9234	0.0180	0.0092	28	-2.13	2%	0
031.01	Phosphorus, Photometric (%)	0626	0.9100	0.0400	0.9234	0.0180	0.0092	28	-0.74	1%	0
031.01	Phosphorus, Photometric (%)	0939	0.9100	0.0000	0.9234	0.0180	0.0092	28	-0.74	1%	0
031.01	Phosphorus, Photometric (%)	0868	0.9150	0.0100	0.9234	0.0180	0.0092	28	-0.47	0%	0
031.01	Phosphorus, Photometric (%)	0948	0.9190	0.0160	0.9234	0.0180	0.0092	28	-0.25	0%	0
031.01	Phosphorus, Photometric (%)	0590	0.9200	0.0200	0.9234	0.0180	0.0092	28	-0.19	0%	0
031.01	Phosphorus, Photometric (%)	2196	0.9200	0.0000	0.9234	0.0180	0.0092	28	-0.19	0%	0
031.01	Phosphorus, Photometric (%)	0689	0.9250	0.0100	0.9234	0.0180	0.0092	28	0.09	0%	0
031.01	Phosphorus, Photometric (%)	0728	0.9250	0.0100	0.9234	0.0180	0.0092	28	0.09	0%	0
031.01	Phosphorus, Photometric (%)	2062	0.9262	0.0075	0.9234	0.0180	0.0092	28	0.15	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.01	Phosphorus, Photometric (%)	0529	0.9300	0.0000	0.9234	0.0180	0.0092	28	0.36	0%	0
031.01	Phosphorus, Photometric (%)	0656	0.9300	0.0000	0.9234	0.0180	0.0092	28	0.36	0%	0
031.01	Phosphorus, Photometric (%)	0683	0.9300	0.0000	0.9234	0.0180	0.0092	28	0.36	0%	0
031.01	Phosphorus, Photometric (%)	2188	0.9300	0.0000	0.9234	0.0180	0.0092	28	0.36	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.9325	0.0019	0.9234	0.0180	0.0092	28	0.50	0%	0
031.01	Phosphorus, Photometric (%)	2006	0.9335	0.0050	0.9234	0.0180	0.0092	28	0.56	1%	0
031.01	Phosphorus, Photometric (%)	0897	0.9350	0.0100	0.9234	0.0180	0.0092	28	0.64	1%	0
031.01	Phosphorus, Photometric (%)	2109	0.9350	0.0020	0.9234	0.0180	0.0092	28	0.64	1%	0
031.01	Phosphorus, Photometric (%)	0885	0.9365	0.0101	0.9234	0.0180	0.0092	28	0.72	1%	0
031.01	Phosphorus, Photometric (%)	2009	0.9366	0.0029	0.9234	0.0180	0.0092	28	0.73	1%	0
031.01	Phosphorus, Photometric (%)	0674	0.9400	0.0000	0.9234	0.0180	0.0092	28	0.92	1%	0
031.01	Phosphorus, Photometric (%)	0878	0.9400	0.0200	0.9234	0.0180	0.0092	28	0.92	1%	0
031.01	Phosphorus, Photometric (%)	2192	0.9450	0.0100	0.9234	0.0180	0.0092	28	1.20	1%	0
031.01	Phosphorus, Photometric (%)	2302	0.9500	0.0200	0.9234	0.0180	0.0092	28	1.47	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.9500	0.1000	0.9234	0.0180	0.0092	28	1.47	1%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.8500	0.0000				2			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.8800	0.1600				2			0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.9197	0.0162				3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.9295	0.0230				3			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.9450	0.0100				3			0
031.06	Phosphorus, Hach Method (%)	0536	0.8550	0.0100				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.8150	0.0100	0.9251	0.0731	0.0158	22	-1.51	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.8300	0.0000	0.9251	0.0731	0.0158	22	-1.30	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.8450	0.0300	0.9251	0.0731	0.0158	22	-1.10	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.8638	0.0188	0.9251	0.0731	0.0158	22	-0.84	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	0.8650	0.0100	0.9251	0.0731	0.0158	22	-0.82	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.8700	0.0200	0.9251	0.0731	0.0158	22	-0.75	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.8905	0.0030	0.9251	0.0731	0.0158	22	-0.47	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.9000	0.0000	0.9251	0.0731	0.0158	22	-0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.9050	0.0100	0.9251	0.0731	0.0158	22	-0.27	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.9070	0.0060	0.9251	0.0731	0.0158	22	-0.25	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.9150	0.0300	0.9251	0.0731	0.0158	22	-0.14	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.9200	0.0200	0.9251	0.0731	0.0158	22	-0.07	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.9350	0.0300	0.9251	0.0731	0.0158	22	0.14	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.9460	0.0000	0.9251	0.0731	0.0158	22	0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.9500	0.0000	0.9251	0.0731	0.0158	22	0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.9540	0.0100	0.9251	0.0731	0.0158	22	0.40	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.9676	0.0132	0.9251	0.0731	0.0158	22	0.58	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.9700	0.0200	0.9251	0.0731	0.0158	22	0.61	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	1.010	0.0000	0.9251	0.0731	0.0158	22	1.16	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.023	0.0060	0.9251	0.0731	0.0158	22	1.34	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	1.035	0.0900	0.9251	0.0731	0.0158	22	1.50	6%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.41	Phosphorus, ICP, Dry ash (%)	0619	1.120	0.0200	0.9251	0.0731	0.0158	22	2.67	11%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	1.030	0.2000	0.9251	0.0731	0.0158	22	1.44	6%	1
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.6504	0.0122	0.8872	0.0670	0.0155	16	-3.53	13%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.7300	0.0000	0.8872	0.0670	0.0155	16	-2.34	9%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.8205	0.0023	0.8872	0.0670	0.0155	16	-0.99	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.8230	0.0140	0.8872	0.0670	0.0155	16	-0.96	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.8600	0.0220	0.8872	0.0670	0.0155	16	-0.41	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.8600	0.0000	0.8872	0.0670	0.0155	16	-0.41	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.8800	0.0000	0.8872	0.0670	0.0155	16	-0.11	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.8825	0.0090	0.8872	0.0670	0.0155	16	-0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.9100	0.0400	0.8872	0.0670	0.0155	16	0.34	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.9150	0.0100	0.8872	0.0670	0.0155	16	0.42	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.9250	0.0100	0.8872	0.0670	0.0155	16	0.56	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.9436	0.0270	0.8872	0.0670	0.0155	16	0.84	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.9450	0.0100	0.8872	0.0670	0.0155	16	0.86	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.9450	0.0100	0.8872	0.0670	0.0155	16	0.86	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.9518	0.0420	0.8872	0.0670	0.0155	16	0.96	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.9600	0.0400	0.8872	0.0670	0.0155	16	1.09	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.9100	0.0860	0.8872	0.0670	0.0155	16	0.34	1%	1
031.43	Phosphorus, ICP, Microwave (%)	0089	0.7650	0.0100	0.9191	0.0447	0.0156	23	-3.45	8%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.8545	0.0630	0.9191	0.0447	0.0156	23	-1.45	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.8604	0.0008	0.9191	0.0447	0.0156	23	-1.31	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.8800	0.0200	0.9191	0.0447	0.0156	23	-0.88	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0941	0.8880	0.0000	0.9191	0.0447	0.0156	23	-0.70	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.8950	0.0100	0.9191	0.0447	0.0156	23	-0.54	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.9000	0.0200	0.9191	0.0447	0.0156	23	-0.43	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.9010	0.0020	0.9191	0.0447	0.0156	23	-0.41	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2234	0.9048	0.0084	0.9191	0.0447	0.0156	23	-0.32	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0914	0.9086	0.0107	0.9191	0.0447	0.0156	23	-0.24	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.9138	0.0443	0.9191	0.0447	0.0156	23	-0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.9150	0.0100	0.9191	0.0447	0.0156	23	-0.09	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.9200	0.0000	0.9191	0.0447	0.0156	23	0.02	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.9235	0.0230	0.9191	0.0447	0.0156	23	0.10	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.9275	0.0090	0.9191	0.0447	0.0156	23	0.19	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.9300	0.0200	0.9191	0.0447	0.0156	23	0.24	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.9350	0.0100	0.9191	0.0447	0.0156	23	0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.9587	0.0095	0.9191	0.0447	0.0156	23	0.88	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.9600	0.0000	0.9191	0.0447	0.0156	23	0.91	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.9670	0.0020	0.9191	0.0447	0.0156	23	1.07	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.9732	0.0358	0.9191	0.0447	0.0156	23	1.21	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.9950	0.0100	0.9191	0.0447	0.0156	23	1.70	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	1.020	0.0400	0.9191	0.0447	0.0156	23	2.26	5%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.43	Phosphorus, ICP, Microwave (%)	0353	0.9700	0.0800	0.9191	0.0447	0.0156	23	1.14	3%	1
031.43	Phosphorus, ICP, Microwave (%)	2314	1.474	0.0000	0.9191	0.0447	0.0156	23	12.42	30%	2
031.44	Phosphorus, ICP, Dry ash (%)	0164	0.8980	0.0140				2			0
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.9265	0.0370				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.7618	0.0276				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0560	0.8920	0.0265				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.9010	0.0100				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.9100	0.0400				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	1.005	0.0910				3			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.8500	0.0200				3			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.8800	0.0000				3			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.9100	0.0200				3			0
031.99	Phosphorus, Miscellaneous (%)	2302	0.8650	0.2900				3			1
032.31	Potassium, AAS, Dry ash (%)	0529	1.030	0.0600	1.122	0.0641	0.0175	10	-1.43	4%	0
032.31	Potassium, AAS, Dry ash (%)	0536	1.040	0.0200	1.122	0.0641	0.0175	10	-1.28	4%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.105	0.0100	1.122	0.0641	0.0175	10	-0.27	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.111	0.0074	1.122	0.0641	0.0175	10	-0.18	1%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.115	0.0100	1.122	0.0641	0.0175	10	-0.11	0%	0
032.31	Potassium, AAS, Dry ash (%)	0868	1.125	0.0100	1.122	0.0641	0.0175	10	0.05	0%	0
032.31	Potassium, AAS, Dry ash (%)	2022	1.139	0.0180	1.122	0.0641	0.0175	10	0.26	1%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.162	0.0011	1.122	0.0641	0.0175	10	0.62	2%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.194	0.0380	1.122	0.0641	0.0175	10	1.12	3%	0
032.31	Potassium, AAS, Dry ash (%)	0656	1.200	0.0000	1.122	0.0641	0.0175	10	1.22	3%	0
032.31	Potassium, AAS, Dry ash (%)	0921	11.70	0.2800	1.122	0.0641	0.0175	10	164.90	471%	2
032.32	Potassium, AAS, Open vessel (%)	0169	1.195	0.0100				1			0
032.41	Potassium, ICP, Dry ash (%)	0019	1.055	0.0100	1.148	0.0664	0.0226	18	-1.39	4%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.055	0.0300	1.148	0.0664	0.0226	18	-1.39	4%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.075	0.0100	1.148	0.0664	0.0226	18	-1.09	3%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.090	0.0000	1.148	0.0664	0.0226	18	-0.87	3%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.100	0.0400	1.148	0.0664	0.0226	18	-0.72	2%	0
032.41	Potassium, ICP, Dry ash (%)	0354	1.130	0.0000	1.148	0.0664	0.0226	18	-0.27	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.130	0.0600	1.148	0.0664	0.0226	18	-0.27	1%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.130	0.0200	1.148	0.0664	0.0226	18	-0.27	1%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.146	0.0120	1.148	0.0664	0.0226	18	-0.02	0%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.150	0.0400	1.148	0.0664	0.0226	18	0.04	0%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.152	0.0505	1.148	0.0664	0.0226	18	0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.165	0.0300	1.148	0.0664	0.0226	18	0.26	1%	0
032.41	Potassium, ICP, Dry ash (%)	0878	1.175	0.0100	1.148	0.0664	0.0226	18	0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.204	0.0040	1.148	0.0664	0.0226	18	0.85	2%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.208	0.0100	1.148	0.0664	0.0226	18	0.91	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.210	0.0200	1.148	0.0664	0.0226	18	0.94	3%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.235	0.0300	1.148	0.0664	0.0226	18	1.32	4%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.41	Potassium, ICP, Dry ash (%)	0123	1.275	0.0300	1.148	0.0664	0.0226	18	1.92	6%	0
032.41	Potassium, ICP, Dry ash (%)	0004	1.195	0.1700	1.148	0.0664	0.0226	18	0.71	2%	1
032.41	Potassium, ICP, Dry ash (%)	0171	0.1160	0.0000	1.148	0.0664	0.0226	18	-15.53	45%	2
032.42	Potassium, ICP, Open vessel (%)	2129	1.037	0.0230	1.186	0.0645	0.0151	16	-2.31	6%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.095	0.0100	1.186	0.0645	0.0151	16	-1.40	4%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.125	0.0300	1.186	0.0645	0.0151	16	-0.94	3%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.134	0.0050	1.186	0.0645	0.0151	16	-0.79	2%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.145	0.0100	1.186	0.0645	0.0151	16	-0.63	2%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.168	0.0127	1.186	0.0645	0.0151	16	-0.28	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.175	0.0100	1.186	0.0645	0.0151	16	-0.16	0%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.185	0.0040	1.186	0.0645	0.0151	16	-0.01	0%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.195	0.0100	1.186	0.0645	0.0151	16	0.15	0%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.200	0.0000	1.186	0.0645	0.0151	16	0.22	1%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.215	0.0100	1.186	0.0645	0.0151	16	0.46	1%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.235	0.0100	1.186	0.0645	0.0151	16	0.77	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.236	0.0200	1.186	0.0645	0.0151	16	0.78	2%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.245	0.0100	1.186	0.0645	0.0151	16	0.92	3%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.245	0.0100	1.186	0.0645	0.0151	16	0.92	3%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.327	0.0670	1.186	0.0645	0.0151	16	2.19	6%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.194	0.0930	1.186	0.0645	0.0151	16	0.12	0%	1
032.43	Potassium, ICP, Microwave (%)	0089	0.9200	0.0000	1.144	0.0530	0.0140	22	-4.24	10%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.038	0.0090	1.144	0.0530	0.0140	22	-2.02	5%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.085	0.0100	1.144	0.0530	0.0140	22	-1.12	3%	0
032.43	Potassium, ICP, Microwave (%)	2192	1.085	0.0100	1.144	0.0530	0.0140	22	-1.12	3%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.090	0.0200	1.144	0.0530	0.0140	22	-1.03	2%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.105	0.0100	1.144	0.0530	0.0140	22	-0.75	2%	0
032.43	Potassium, ICP, Microwave (%)	0914	1.116	0.0043	1.144	0.0530	0.0140	22	-0.54	1%	0
032.43	Potassium, ICP, Microwave (%)	0505	1.120	0.0400	1.144	0.0530	0.0140	22	-0.46	1%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.150	0.0200	1.144	0.0530	0.0140	22	0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.150	0.0100	1.144	0.0530	0.0140	22	0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.150	0.0000	1.144	0.0530	0.0140	22	0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	0032	1.155	0.0300	1.144	0.0530	0.0140	22	0.20	0%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.160	0.0200	1.144	0.0530	0.0140	22	0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.165	0.0100	1.144	0.0530	0.0140	22	0.39	1%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.167	0.0050	1.144	0.0530	0.0140	22	0.42	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.170	0.0000	1.144	0.0530	0.0140	22	0.48	1%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.175	0.0100	1.144	0.0530	0.0140	22	0.58	1%	0
032.43	Potassium, ICP, Microwave (%)	0941	1.177	0.0000	1.144	0.0530	0.0140	22	0.61	1%	0
032.43	Potassium, ICP, Microwave (%)	0407	1.196	0.0093	1.144	0.0530	0.0140	22	0.97	2%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.200	0.0200	1.144	0.0530	0.0140	22	1.05	2%	0
032.43	Potassium, ICP, Microwave (%)	2234	1.209	0.0406	1.144	0.0530	0.0140	22	1.22	3%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.225	0.0300	1.144	0.0530	0.0140	22	1.52	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.43	Potassium, ICP, Microwave (%)	0098	1.210	0.0800	1.144	0.0530	0.0140	22	1.24	3%	1
032.44	Potassium, ICP, Dry ash (%)	0164	1.135	0.0100				2			0
032.44	Potassium, ICP, Dry ash (%)	0066	1.167	0.0090				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.011	0.0233				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0560	1.200	0.0100				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.105	0.0500				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	1.175	0.0300				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.205	0.1500				3			0
032.99	Potassium, Miscellaneous (%)	2302	1.045	0.0300	1.137	0.0595	0.0238	5			0
032.99	Potassium, Miscellaneous (%)	0242	1.120	0.0000	1.137	0.0595	0.0238	5			0
032.99	Potassium, Miscellaneous (%)	0590	1.145	0.0700	1.137	0.0595	0.0238	5			0
032.99	Potassium, Miscellaneous (%)	0100	1.175	0.0100	1.137	0.0595	0.0238	5			0
032.99	Potassium, Miscellaneous (%)	0001	1.200	0.0090	1.137	0.0595	0.0238	5			0
033.00	Salt as chloride, Sol Cl (%)	0539	0.2800	0.0000	0.6177	0.0656	0.0155	20	-5.15	27%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.5200	0.0200	0.6177	0.0656	0.0155	20	-1.49	8%	0
033.00	Salt as chloride, Sol Cl (%)	0893	0.5300	0.0600	0.6177	0.0656	0.0155	20	-1.34	7%	0
033.00	Salt as chloride, Sol Cl (%)	2009	0.5594	0.0016	0.6177	0.0656	0.0155	20	-0.89	5%	0
033.00	Salt as chloride, Sol Cl (%)	0897	0.5750	0.0100	0.6177	0.0656	0.0155	20	-0.65	3%	0
033.00	Salt as chloride, Sol Cl (%)	0171	0.5800	0.0000	0.6177	0.0656	0.0155	20	-0.57	3%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.5900	0.0060	0.6177	0.0656	0.0155	20	-0.42	2%	0
033.00	Salt as chloride, Sol Cl (%)	0878	0.5900	0.0000	0.6177	0.0656	0.0155	20	-0.42	2%	0
033.00	Salt as chloride, Sol Cl (%)	2295	0.6250	0.0100	0.6177	0.0656	0.0155	20	0.11	1%	0
033.00	Salt as chloride, Sol Cl (%)	0123	0.6300	0.0000	0.6177	0.0656	0.0155	20	0.19	1%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.6301	0.0354	0.6177	0.0656	0.0155	20	0.19	1%	0
033.00	Salt as chloride, Sol Cl (%)	2022	0.6380	0.0080	0.6177	0.0656	0.0155	20	0.31	2%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.6400	0.0200	0.6177	0.0656	0.0155	20	0.34	2%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.6400	0.0000	0.6177	0.0656	0.0155	20	0.34	2%	0
033.00	Salt as chloride, Sol Cl (%)	2062	0.6562	0.0038	0.6177	0.0656	0.0155	20	0.59	3%	0
033.00	Salt as chloride, Sol Cl (%)	0309	0.6641	0.0260	0.6177	0.0656	0.0155	20	0.71	4%	0
033.00	Salt as chloride, Sol Cl (%)	0298	0.6700	0.0200	0.6177	0.0656	0.0155	20	0.80	4%	0
033.00	Salt as chloride, Sol Cl (%)	0169	0.6800	0.0200	0.6177	0.0656	0.0155	20	0.95	5%	0
033.00	Salt as chloride, Sol Cl (%)	2196	0.7000	0.0000	0.6177	0.0656	0.0155	20	1.26	7%	0
033.00	Salt as chloride, Sol Cl (%)	2076	0.7750	0.0700	0.6177	0.0656	0.0155	20	2.40	13%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.7890	0.2300	0.6177	0.0656	0.0155	20	2.61	14%	1
033.01	Salt as chloride, Poten Cl (%)	0083	0.6300	0.0200	0.6685	0.0235	0.0223	24	-1.64	3%	0
033.01	Salt as chloride, Poten Cl (%)	0619	0.6345	0.0070	0.6685	0.0235	0.0223	24	-1.45	3%	0
033.01	Salt as chloride, Poten Cl (%)	0019	0.6450	0.0700	0.6685	0.0235	0.0223	24	-1.00	2%	0
033.01	Salt as chloride, Poten Cl (%)	0683	0.6450	0.0100	0.6685	0.0235	0.0223	24	-1.00	2%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.6510	0.0020	0.6685	0.0235	0.0223	24	-0.75	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.6550	0.0100	0.6685	0.0235	0.0223	24	-0.58	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.6550	0.0100	0.6685	0.0235	0.0223	24	-0.58	1%	0
033.01	Salt as chloride, Poten Cl (%)	0425	0.6550	0.0100	0.6685	0.0235	0.0223	24	-0.58	1%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
033.01	Salt as chloride, Poten Cl (%)	0407	0.6610	0.0020	0.6685	0.0235	0.0223	24	-0.32	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.6650	0.0100	0.6685	0.0235	0.0223	24	-0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	0.6650	0.0100	0.6685	0.0235	0.0223	24	-0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.6650	0.0100	0.6685	0.0235	0.0223	24	-0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	2146	0.6700	0.0400	0.6685	0.0235	0.0223	24	0.06	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.6700	0.0200	0.6685	0.0235	0.0223	24	0.06	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.6700	0.0200	0.6685	0.0235	0.0223	24	0.06	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.6700	0.0200	0.6685	0.0235	0.0223	24	0.06	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.6750	0.0500	0.6685	0.0235	0.0223	24	0.28	0%	0
033.01	Salt as chloride, Poten Cl (%)	2109	0.6790	0.0660	0.6685	0.0235	0.0223	24	0.45	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.6845	0.0170	0.6685	0.0235	0.0223	24	0.68	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.6850	0.0500	0.6685	0.0235	0.0223	24	0.70	1%	0
033.01	Salt as chloride, Poten Cl (%)	0003	0.7000	0.0000	0.6685	0.0235	0.0223	24	1.34	2%	0
033.01	Salt as chloride, Poten Cl (%)	0186	0.7080	0.0000	0.6685	0.0235	0.0223	24	1.68	3%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.7150	0.0100	0.6685	0.0235	0.0223	24	1.98	3%	0
033.01	Salt as chloride, Poten Cl (%)	0175	0.7150	0.0700	0.6685	0.0235	0.0223	24	1.98	3%	0
033.03	Salt as chloride, Quantab (%)	0265	0.5500	0.0000	0.6092	0.0688	0.0183	6	-0.86	5%	0
033.03	Salt as chloride, Quantab (%)	0656	0.5600	0.0000	0.6092	0.0688	0.0183	6	-0.71	4%	0
033.03	Salt as chloride, Quantab (%)	0726	0.5850	0.0500	0.6092	0.0688	0.0183	6	-0.35	2%	0
033.03	Salt as chloride, Quantab (%)	0505	0.6000	0.0000	0.6092	0.0688	0.0183	6	-0.13	1%	0
033.03	Salt as chloride, Quantab (%)	0190	0.6500	0.0600	0.6092	0.0688	0.0183	6	0.59	3%	0
033.03	Salt as chloride, Quantab (%)	0144	0.7100	0.0000	0.6092	0.0688	0.0183	6	1.46	8%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0868	0.6050	0.0300				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.6450	0.0100				2			0
033.99	Salt, Miscellaneous (%)	0536	0.5500	0.0200	0.6479	0.0959	0.0182	7	-1.02	8%	0
033.99	Salt, Miscellaneous (%)	2073	0.5600	0.0200	0.6479	0.0959	0.0182	7	-0.92	7%	0
033.99	Salt, Miscellaneous (%)	0910	0.6000	0.0000	0.6479	0.0959	0.0182	7	-0.50	4%	0
033.99	Salt, Miscellaneous (%)	0682	0.6500	0.0000	0.6479	0.0959	0.0182	7	0.02	0%	0
033.99	Salt, Miscellaneous (%)	2146	0.6650	0.0100	0.6479	0.0959	0.0182	7	0.18	1%	0
033.99	Salt, Miscellaneous (%)	2234	0.7503	0.0376	0.6479	0.0959	0.0182	7	1.07	8%	0
033.99	Salt, Miscellaneous (%)	0358	0.7600	0.0400	0.6479	0.0959	0.0182	7	1.17	9%	0
033.99	Salt, Miscellaneous (%)	2129	1.418	0.1390	0.6479	0.0959	0.0182	7	8.03	59%	1
034.04	Selenium, AA, Hydride (ppm)	0563	1.477	0.0250	2.228	0.6583	0.2088	4			0
034.04	Selenium, AA, Hydride (ppm)	0171	1.970	0.5200	2.228	0.6583	0.2088	4			0
034.04	Selenium, AA, Hydride (ppm)	0169	2.450	0.0200	2.228	0.6583	0.2088	4			0
034.04	Selenium, AA, Hydride (ppm)	0045	3.015	0.2700	2.228	0.6583	0.2088	4			0
034.41	Selenium, ICP, Dry ash (ppm)	0407	1.850	0.0400				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0619	1.925	0.0100				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0148	2.380	0.3600				3			0
034.42	Selenium, ICP, Open vessel (ppm)	0692	2.750	0.3000				1			0
034.43	Selenium, ICP, Microwave (ppm)	0066	0.7915	0.0110	2.821	1.495	0.0858	8	-1.36	36%	0
034.43	Selenium, ICP, Microwave (ppm)	2234	1.179	0.1078	2.821	1.495	0.0858	8	-1.10	29%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
034.43	Selenium, ICP, Microwave (ppm)	0941	2.580	0.0000	2.821	1.495	0.0858	8	-0.16	4%	0
034.43	Selenium, ICP, Microwave (ppm)	0914	2.753	0.1330	2.821	1.495	0.0858	8	-0.05	1%	0
034.43	Selenium, ICP, Microwave (ppm)	0407	3.245	0.0700	2.821	1.495	0.0858	8	0.28	8%	0
034.43	Selenium, ICP, Microwave (ppm)	0964	3.502	0.3502	2.821	1.495	0.0858	8	0.46	12%	0
034.43	Selenium, ICP, Microwave (ppm)	0968	3.758	0.0140	2.821	1.495	0.0858	8	0.63	17%	0
034.43	Selenium, ICP, Microwave (ppm)	0682	4.760	0.0000	2.821	1.495	0.0858	8	1.30	34%	0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0910	2.405	0.1100				2			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0186	2.623	0.2460				2			0
034.53	Selenium, ICP-MS, Microwave (ppm)	0164	2.320	0.0800	2.940	0.5283	0.2730	7	-1.17	11%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0553	2.550	0.1400	2.940	0.5283	0.2730	7	-0.74	7%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0939	2.710	0.3600	2.940	0.5283	0.2730	7	-0.44	4%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0032	2.985	0.3100	2.940	0.5283	0.2730	7	0.09	1%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0918	3.108	0.0548	2.940	0.5283	0.2730	7	0.32	3%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0560	3.175	0.8590	2.940	0.5283	0.2730	7	0.44	4%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0003	5.670	0.1070	2.940	0.5283	0.2730	7	5.17	46%	0
034.99	Selenium, Miscellaneous (ppm)	2302	1.000	0.0000				2			0
034.99	Selenium, Miscellaneous (ppm)	0190	3.220	0.0200				2			0
035.01	Sodium, Ion-selective electrode (%)	0868	0.3195	0.0030				1			0
035.31	Sodium, AAS, Dry ash (%)	0142	0.2554	0.0072	0.2919	0.0279	0.0052	13	-1.31	6%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.2600	0.0000	0.2919	0.0279	0.0052	13	-1.14	5%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.2650	0.0100	0.2919	0.0279	0.0052	13	-0.96	5%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.2720	0.0100	0.2919	0.0279	0.0052	13	-0.71	3%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.2850	0.0100	0.2919	0.0279	0.0052	13	-0.25	1%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.2900	0.0000	0.2919	0.0279	0.0052	13	-0.07	0%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.2900	0.0000	0.2919	0.0279	0.0052	13	-0.07	0%	0
035.31	Sodium, AAS, Dry ash (%)	2146	0.2905	0.0130	0.2919	0.0279	0.0052	13	-0.05	0%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.3038	0.0030	0.2919	0.0279	0.0052	13	0.43	2%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.3075	0.0090	0.2919	0.0279	0.0052	13	0.56	3%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.3200	0.0000	0.2919	0.0279	0.0052	13	1.01	5%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.3255	0.0050	0.2919	0.0279	0.0052	13	1.20	6%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.3300	0.0000	0.2919	0.0279	0.0052	13	1.36	7%	0
035.31	Sodium, AAS, Dry ash (%)	0921	2.886	0.2680	0.2919	0.0279	0.0052	13	92.87	444%	2
035.32	Sodium, AAS, Open vessel (%)	0169	0.2950	0.0100				1			0
035.41	Sodium, ICP, Dry ash (%)	2259	0.2620	0.0020	0.2935	0.0194	0.0096	21	-1.62	5%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.2650	0.0100	0.2935	0.0194	0.0096	21	-1.47	5%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.2750	0.0100	0.2935	0.0194	0.0096	21	-0.95	3%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.2779	0.0089	0.2935	0.0194	0.0096	21	-0.81	3%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.2800	0.0200	0.2935	0.0194	0.0096	21	-0.69	2%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.2850	0.0300	0.2935	0.0194	0.0096	21	-0.44	1%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.2850	0.0100	0.2935	0.0194	0.0096	21	-0.44	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.2851	0.0002	0.2935	0.0194	0.0096	21	-0.43	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.2875	0.0010	0.2935	0.0194	0.0096	21	-0.31	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.41	Sodium, ICP, Dry ash (%)	0019	0.2900	0.0000	0.2935	0.0194	0.0096	21	-0.18	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.2900	0.0000	0.2935	0.0194	0.0096	21	-0.18	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.2927	0.0002	0.2935	0.0194	0.0096	21	-0.04	0%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.2990	0.0140	0.2935	0.0194	0.0096	21	0.29	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.3000	0.0200	0.2935	0.0194	0.0096	21	0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.3000	0.0200	0.2935	0.0194	0.0096	21	0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.3050	0.0100	0.2935	0.0194	0.0096	21	0.60	2%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.3050	0.0100	0.2935	0.0194	0.0096	21	0.60	2%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.3085	0.0050	0.2935	0.0194	0.0096	21	0.78	3%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.3295	0.0130	0.2935	0.0194	0.0096	21	1.86	6%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.3300	0.0000	0.2935	0.0194	0.0096	21	1.89	6%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.3325	0.0170	0.2935	0.0194	0.0096	21	2.02	7%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.2425	0.0030	0.2921	0.0189	0.0068	16	-2.63	8%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.2700	0.0000	0.2921	0.0189	0.0068	16	-1.17	4%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.2700	0.0000	0.2921	0.0189	0.0068	16	-1.17	4%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.2800	0.0000	0.2921	0.0189	0.0068	16	-0.64	2%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.2801	0.0032	0.2921	0.0189	0.0068	16	-0.64	2%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.2885	0.0050	0.2921	0.0189	0.0068	16	-0.19	1%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.2900	0.0000	0.2921	0.0189	0.0068	16	-0.11	0%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.2900	0.0000	0.2921	0.0189	0.0068	16	-0.11	0%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.2950	0.0100	0.2921	0.0189	0.0068	16	0.16	1%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.2950	0.0100	0.2921	0.0189	0.0068	16	0.16	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.2950	0.0260	0.2921	0.0189	0.0068	16	0.16	1%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.3025	0.0150	0.2921	0.0189	0.0068	16	0.55	2%	0
035.42	Sodium, ICP, Open vessel (%)	2053	0.3050	0.0300	0.2921	0.0189	0.0068	16	0.69	2%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.3130	0.0029	0.2921	0.0189	0.0068	16	1.11	4%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.3150	0.0040	0.2921	0.0189	0.0068	16	1.22	4%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.3500	0.0000	0.2921	0.0189	0.0068	16	3.07	10%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.2510	0.0040	0.2909	0.0233	0.0079	17	-1.71	7%	0
035.43	Sodium, ICP, Microwave (%)	2192	0.2550	0.0100	0.2909	0.0233	0.0079	17	-1.54	6%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.2600	0.0000	0.2909	0.0233	0.0079	17	-1.33	5%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.2750	0.0100	0.2909	0.0233	0.0079	17	-0.68	3%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.2800	0.0040	0.2909	0.0233	0.0079	17	-0.47	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.2840	0.0040	0.2909	0.0233	0.0079	17	-0.30	1%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.2900	0.0000	0.2909	0.0233	0.0079	17	-0.04	0%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.2900	0.0000	0.2909	0.0233	0.0079	17	-0.04	0%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.2948	0.0119	0.2909	0.0233	0.0079	17	0.16	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.3000	0.0200	0.2909	0.0233	0.0079	17	0.39	2%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.3000	0.0200	0.2909	0.0233	0.0079	17	0.39	2%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.3000	0.0200	0.2909	0.0233	0.0079	17	0.39	2%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.3000	0.0000	0.2909	0.0233	0.0079	17	0.39	2%	0
035.43	Sodium, ICP, Microwave (%)	0941	0.3030	0.0000	0.2909	0.0233	0.0079	17	0.52	2%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.43	Sodium, ICP, Microwave (%)	0202	0.3120	0.0200	0.2909	0.0233	0.0079	17	0.90	4%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.3200	0.0000	0.2909	0.0233	0.0079	17	1.25	5%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.3250	0.0100	0.2909	0.0233	0.0079	17	1.46	6%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.2699	0.0694	0.2909	0.0233	0.0079	17	-0.90	4%	1
035.51	Sodium, ICP-MS, Dry ash (%)	2146	0.3100	0.0000				1			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.2859	0.0058				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0560	0.2972	0.0130				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.2700	0.0200				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.2845	0.0090				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.2885	0.0090				3			0
035.99	Sodium, Miscellaneous (%)	0242	0.2700	0.0000				3			0
035.99	Sodium, Miscellaneous (%)	0100	0.3000	0.0000				3			0
035.99	Sodium, Miscellaneous (%)	0590	0.3050	0.0100				3			0
035.99	Sodium, Miscellaneous (%)	2302	0.7800	0.0200				3			2
036.04	Sulfur, LECO (%)	0226	0.5750	0.0100				3			0
036.04	Sulfur, LECO (%)	0229	0.6000	0.0000				3			0
036.04	Sulfur, LECO (%)	0148	0.6650	0.0100				3			0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.3190	0.0017	0.6280	0.0558	0.0172	20	-5.54	25%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.5550	0.0100	0.6280	0.0558	0.0172	20	-1.31	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.5800	0.0200	0.6280	0.0558	0.0172	20	-0.86	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0229	0.5850	0.0700	0.6280	0.0558	0.0172	20	-0.77	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.5945	0.0310	0.6280	0.0558	0.0172	20	-0.60	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.5950	0.0300	0.6280	0.0558	0.0172	20	-0.59	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.5985	0.0015	0.6280	0.0558	0.0172	20	-0.53	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.6000	0.0400	0.6280	0.0558	0.0172	20	-0.50	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.6003	0.0135	0.6280	0.0558	0.0172	20	-0.50	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.6050	0.0100	0.6280	0.0558	0.0172	20	-0.41	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.6310	0.0620	0.6280	0.0558	0.0172	20	0.05	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.6400	0.0000	0.6280	0.0558	0.0172	20	0.22	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.6438	0.0006	0.6280	0.0558	0.0172	20	0.28	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.6550	0.0300	0.6280	0.0558	0.0172	20	0.48	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.6685	0.0010	0.6280	0.0558	0.0172	20	0.73	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.6804	0.0037	0.6280	0.0558	0.0172	20	0.94	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.6850	0.0100	0.6280	0.0558	0.0172	20	1.02	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.6915	0.0030	0.6280	0.0558	0.0172	20	1.14	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.7000	0.0000	0.6280	0.0558	0.0172	20	1.29	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.7075	0.0050	0.6280	0.0558	0.0172	20	1.43	6%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.5414	0.0037	0.6556	0.0394	0.0184	14	-2.90	9%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.6150	0.0700	0.6556	0.0394	0.0184	14	-1.03	3%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.6185	0.0090	0.6556	0.0394	0.0184	14	-0.94	3%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.6300	0.0000	0.6556	0.0394	0.0184	14	-0.65	2%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.6300	0.0600	0.6556	0.0394	0.0184	14	-0.65	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
036.43	Sulfur, ICP, Microwave (%)	0202	0.6490	0.0180	0.6556	0.0394	0.0184	14	-0.17	1%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.6550	0.0100	0.6556	0.0394	0.0184	14	-0.02	0%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.6580	0.0040	0.6556	0.0394	0.0184	14	0.06	0%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.6650	0.0100	0.6556	0.0394	0.0184	14	0.24	1%	0
036.43	Sulfur, ICP, Microwave (%)	0032	0.6750	0.0300	0.6556	0.0394	0.0184	14	0.49	1%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.6800	0.0000	0.6556	0.0394	0.0184	14	0.62	2%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.6950	0.0100	0.6556	0.0394	0.0184	14	1.00	3%	0
036.43	Sulfur, ICP, Microwave (%)	0941	0.6970	0.0000	0.6556	0.0394	0.0184	14	1.05	3%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.7196	0.0328	0.6556	0.0394	0.0184	14	1.62	5%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.5862	0.0007				3			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.6479	0.0111				3			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0560	0.6812	0.0773				3			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.6555	0.0030				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.5550	0.0300				1			0
037.31	Zinc, AAS, Dry ash (ppm)	0689	339.2	25.50	366.2	19.53	12.52	13	-1.38	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	0536	346.9	8.100	366.2	19.53	12.52	13	-0.99	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0175	350.0	16.00	366.2	19.53	12.52	13	-0.83	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	352.7	3.090	366.2	19.53	12.52	13	-0.69	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	360.0	13.00	366.2	19.53	12.52	13	-0.32	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0868	361.0	14.00	366.2	19.53	12.52	13	-0.26	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0656	365.8	0.0000	366.2	19.53	12.52	13	-0.02	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	2146	368.5	26.62	366.2	19.53	12.52	13	0.12	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	371.9	2.190	366.2	19.53	12.52	13	0.30	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	2022	374.5	15.00	366.2	19.53	12.52	13	0.43	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	379.3	1.270	366.2	19.53	12.52	13	0.67	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	394.7	0.0000	366.2	19.53	12.52	13	1.46	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	0921	396.0	38.00	366.2	19.53	12.52	13	1.53	4%	0
037.33	Zinc, AAS, Microwave (ppm)	0948	388.7	0.4650				2			0
037.33	Zinc, AAS, Microwave (ppm)	2178	449.5	33.00				2			0
037.41	Zinc, ICP, Dry ash (ppm)	0910	335.5	49.00	366.9	20.41	15.29	18	-1.54	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	339.3	2.270	366.9	20.41	15.29	18	-1.35	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	349.0	10.00	366.9	20.41	15.29	18	-0.88	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0354	351.4	2.750	366.9	20.41	15.29	18	-0.76	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	351.5	5.000	366.9	20.41	15.29	18	-0.76	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	359.0	5.510	366.9	20.41	15.29	18	-0.39	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	361.0	4.000	366.9	20.41	15.29	18	-0.29	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0878	362.0	10.00	366.9	20.41	15.29	18	-0.24	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	365.8	17.20	366.9	20.41	15.29	18	-0.06	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	366.6	0.4144	366.9	20.41	15.29	18	-0.01	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	370.5	7.300	366.9	20.41	15.29	18	0.17	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0003	371.0	6.000	366.9	20.41	15.29	18	0.20	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	375.7	0.6600	366.9	20.41	15.29	18	0.43	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.41	Zinc, ICP, Dry ash (ppm)	0148	378.0	46.00	366.9	20.41	15.29	18	0.54	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	382.4	3.900	366.9	20.41	15.29	18	0.75	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	390.3	36.90	366.9	20.41	15.29	18	1.14	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0405	403.4	34.65	366.9	20.41	15.29	18	1.79	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	465.2	33.67	366.9	20.41	15.29	18	4.81	13%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	290.8	7.890	360.7	39.84	14.76	17	-1.76	10%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	308.5	9.000	360.7	39.84	14.76	17	-1.31	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	329.5	3.000	360.7	39.84	14.76	17	-0.78	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	332.5	9.000	360.7	39.84	14.76	17	-0.71	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	336.5	11.00	360.7	39.84	14.76	17	-0.61	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	340.5	37.00	360.7	39.84	14.76	17	-0.51	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	340.6	6.550	360.7	39.84	14.76	17	-0.51	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	352.7	38.38	360.7	39.84	14.76	17	-0.20	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	356.3	16.50	360.7	39.84	14.76	17	-0.11	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	370.5	61.00	360.7	39.84	14.76	17	0.25	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	379.2	12.60	360.7	39.84	14.76	17	0.46	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	380.0	1.083	360.7	39.84	14.76	17	0.48	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	382.4	9.400	360.7	39.84	14.76	17	0.54	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	390.2	1.400	360.7	39.84	14.76	17	0.74	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	390.8	3.940	360.7	39.84	14.76	17	0.76	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0035	422.5	9.000	360.7	39.84	14.76	17	1.55	9%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	428.2	14.10	360.7	39.84	14.76	17	1.69	9%	0
037.43	Zinc, ICP, Microwave (ppm)	2314	319.8	0.0000	369.4	23.64	12.91	23	-2.10	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	343.8	12.83	369.4	23.64	12.91	23	-1.09	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0941	347.0	0.0000	369.4	23.64	12.91	23	-0.95	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	347.9	3.980	369.4	23.64	12.91	23	-0.91	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	349.8	2.870	369.4	23.64	12.91	23	-0.83	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0032	351.5	25.00	369.4	23.64	12.91	23	-0.76	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	356.0	4.000	369.4	23.64	12.91	23	-0.57	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	357.5	11.00	369.4	23.64	12.91	23	-0.51	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	361.0	2.000	369.4	23.64	12.91	23	-0.36	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	362.1	35.25	369.4	23.64	12.91	23	-0.31	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	363.5	21.10	369.4	23.64	12.91	23	-0.25	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	365.5	33.00	369.4	23.64	12.91	23	-0.17	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	366.0	6.000	369.4	23.64	12.91	23	-0.15	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0425	367.6	2.600	369.4	23.64	12.91	23	-0.08	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	375.5	6.620	369.4	23.64	12.91	23	0.26	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	375.7	0.0000	369.4	23.64	12.91	23	0.26	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	382.0	16.00	369.4	23.64	12.91	23	0.53	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	392.0	12.00	369.4	23.64	12.91	23	0.95	3%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	393.2	32.92	369.4	23.64	12.91	23	1.00	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	394.9	8.122	369.4	23.64	12.91	23	1.08	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.43	Zinc, ICP, Microwave (ppm)	0964	402.4	25.36	369.4	23.64	12.91	23	1.39	4%	0
037.43	Zinc, ICP, Microwave (ppm)	2234	403.4	34.24	369.4	23.64	12.91	23	1.44	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	410.0	2.000	369.4	23.64	12.91	23	1.72	5%	0
037.44	Zinc, ICP, Dry ash (ppm)	0164	354.5	5.000				3			0
037.44	Zinc, ICP, Dry ash (ppm)	2152	354.7	0.1000				3			0
037.44	Zinc, ICP, Dry ash (ppm)	0066	366.4	8.700				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	358.5	9.000				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0560	385.4	1.000				2			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0914	346.9	19.80	370.0	25.22	23.45	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	350.5	11.00	370.0	25.22	23.45	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	384.5	7.000	370.0	25.22	23.45	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0572	398.0	56.00	370.0	25.22	23.45	4			0
037.99	Zinc, Miscellaneous (ppm)	0242	334.0	18.00	369.4	34.96	18.25	4			0
037.99	Zinc, Miscellaneous (ppm)	2302	360.0	20.00	369.4	34.96	18.25	4			0
037.99	Zinc, Miscellaneous (ppm)	0590	366.0	32.00	369.4	34.96	18.25	4			0
037.99	Zinc, Miscellaneous (ppm)	0100	417.5	3.000	369.4	34.96	18.25	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	0.9405	0.0030				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.119	0.0200				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.355	0.0100				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	1.185	0.0940	1.664	0.4878	0.0885	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.350	0.0200	1.664	0.4878	0.0885	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	1.870	0.2000	1.664	0.4878	0.0885	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0265	2.250	0.0400	1.664	0.4878	0.0885	4			0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	0.9413	0.2876	1.197	0.2002	0.1451	7	-1.28	11%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	1.090	0.0600	1.197	0.2002	0.1451	7	-0.54	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	1.135	0.0700	1.197	0.2002	0.1451	7	-0.31	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	1.165	0.0378	1.197	0.2002	0.1451	7	-0.16	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	1.200	0.4600	1.197	0.2002	0.1451	7	0.01	0%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.400	0.0000	1.197	0.2002	0.1451	7	1.01	8%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	1.450	0.1000	1.197	0.2002	0.1451	7	1.26	11%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0910	1.025	0.0500				1			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0918	1.242	0.0177				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	1.335	0.0500				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	1.420	0.0400				3			0
040.52	Barium, ICP-MS, Open vessel (ppm)	0560	15.89	1.020				1			0
040.53	Barium, ICP-MS, Microwave (ppm)	0918	14.87	0.0796				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0553	1.125	0.0700				1			0
042.00	Chloride, Titrimetric (%)	0619	0.3850	0.0040				2			0
042.00	Chloride, Titrimetric (%)	0948	0.4040	0.0060				2			0
042.02	Chloride, Ion Chromatography (%)	0941	0.3685	0.0210				1			0
042.99	Chloride, Miscellaneous (%)	0297	0.3850	0.0100				1			0
101.99	Choline Chloride, Miscellaneous (ppm)	0227	1,650	60.00				1			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
102.01	Niacin, Microbiological (ppm)	0227	69.25	2.300				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	10.55	0.5000				1			0
104.00	Riboflavin, Fluorometric (ppm)	0227	4.070	0.3600				2			0
104.00	Riboflavin, Fluorometric (ppm)	0171	6.600	0.6000				2			0
104.03	Riboflavin, LC (ppm)	0910	0.8900	0.1800				1			0
105.00	Thiamine, LC (ppm)	0910	2.650	0.5200				1			0
105.01	Thiamine, Fluorometer (ppm)	0227	3.970	0.1400				1			0
106.00	Vitamin A, Color (KU / kg)	0964	38.69	0.6614				1			0
106.01	Vitamin A, UV (KU / kg)	0098	19.65	14.90				1			0
106.02	Vitamin A, LC (KU / kg)	0227	23.77	1.614	37.78	10.25	2.715	19	-1.37	19%	0
106.02	Vitamin A, LC (KU / kg)	0941	28.30	0.0000	37.78	10.25	2.715	19	-0.93	13%	0
106.02	Vitamin A, LC (KU / kg)	0035	28.44	1.100	37.78	10.25	2.715	19	-0.91	12%	0
106.02	Vitamin A, LC (KU / kg)	0656	30.76	0.0000	37.78	10.25	2.715	19	-0.68	9%	0
106.02	Vitamin A, LC (KU / kg)	2053	31.50	3.800	37.78	10.25	2.715	19	-0.61	8%	0
106.02	Vitamin A, LC (KU / kg)	2192	31.57	1.158	37.78	10.25	2.715	19	-0.61	8%	0
106.02	Vitamin A, LC (KU / kg)	0675	31.66	4.550	37.78	10.25	2.715	19	-0.60	8%	0
106.02	Vitamin A, LC (KU / kg)	0910	31.70	6.800	37.78	10.25	2.715	19	-0.59	8%	0
106.02	Vitamin A, LC (KU / kg)	0563	34.11	1.223	37.78	10.25	2.715	19	-0.36	5%	0
106.02	Vitamin A, LC (KU / kg)	0148	34.29	0.1990	37.78	10.25	2.715	19	-0.34	5%	0
106.02	Vitamin A, LC (KU / kg)	0014	37.50	11.00	37.78	10.25	2.715	19	-0.03	0%	0
106.02	Vitamin A, LC (KU / kg)	0619	37.90	5.000	37.78	10.25	2.715	19	0.01	0%	0
106.02	Vitamin A, LC (KU / kg)	2103	40.45	0.9500	37.78	10.25	2.715	19	0.26	4%	0
106.02	Vitamin A, LC (KU / kg)	0010	42.99	8.380	37.78	10.25	2.715	19	0.51	7%	0
106.02	Vitamin A, LC (KU / kg)	0905	48.48	2.733	37.78	10.25	2.715	19	1.04	14%	0
106.02	Vitamin A, LC (KU / kg)	2144	48.50	0.9800	37.78	10.25	2.715	19	1.05	14%	0
106.02	Vitamin A, LC (KU / kg)	0689	51.25	1.100	37.78	10.25	2.715	19	1.31	18%	0
106.02	Vitamin A, LC (KU / kg)	0169	51.50	1.000	37.78	10.25	2.715	19	1.34	18%	0
106.02	Vitamin A, LC (KU / kg)	2314	55.34	0.0000	37.78	10.25	2.715	19	1.71	23%	0
107.00	Vitamin B12, Microbiological (ppb)	0227	5.305	0.3500				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	6.500	1.000				1			0
108.02	Vitamin D3, LC (KU / kg)	0675	3.655	0.2900				3			0
108.02	Vitamin D3, LC (KU / kg)	0910	5.575	0.8100				3			0
108.02	Vitamin D3, LC (KU / kg)	0227	6.750	0.4800				3			0
109.02	Vitamin E, LC (IU / kg)	0098	111.0	14.00	136.6	20.45	6.274	13	-1.25	9%	0
109.02	Vitamin E, LC (IU / kg)	2103	112.0	4.000	136.6	20.45	6.274	13	-1.20	9%	0
109.02	Vitamin E, LC (IU / kg)	0905	121.0	12.00	136.6	20.45	6.274	13	-0.76	6%	0
109.02	Vitamin E, LC (IU / kg)	0910	124.5	5.000	136.6	20.45	6.274	13	-0.59	4%	0
109.02	Vitamin E, LC (IU / kg)	0675	129.8	17.26	136.6	20.45	6.274	13	-0.33	2%	0
109.02	Vitamin E, LC (IU / kg)	0619	133.5	15.00	136.6	20.45	6.274	13	-0.15	1%	0
109.02	Vitamin E, LC (IU / kg)	0036	133.8	1.400	136.6	20.45	6.274	13	-0.14	1%	0
109.02	Vitamin E, LC (IU / kg)	0941	136.8	2.540	136.6	20.45	6.274	13	0.01	0%	0
109.02	Vitamin E, LC (IU / kg)	0148	142.9	3.300	136.6	20.45	6.274	13	0.31	2%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
109.02	Vitamin E, LC (IU / kg)	2192	144.5	2.010	136.6	20.45	6.274	13	0.39	3%	0
109.02	Vitamin E, LC (IU / kg)	0227	151.0	4.000	136.6	20.45	6.274	13	0.71	5%	0
109.02	Vitamin E, LC (IU / kg)	0563	169.2	0.0482	136.6	20.45	6.274	13	1.59	12%	0
109.02	Vitamin E, LC (IU / kg)	0169	171.5	1.000	136.6	20.45	6.274	13	1.71	13%	0
111.01	Vitamin C, Ascorbic Acid, LC (ppm)	0227	< 4.4					0			5
112.01	Pyridoxine, LC (µg / g)	0227	3.310	0.1000				1			0
113.01	Folic Acid, Micro (ppm)	0227	1.165	0.0900				1			0
114.01	Biotin, Microbiological (ppm)	0227	0.2595	0.0010				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	4.080	0.1800				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	1.015	0.2500				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.8442	0.0055	0.9505	0.0282	0.0246	19	-3.78	6%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.9000	0.0200	0.9505	0.0282	0.0246	19	-1.79	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.9110	0.0000	0.9505	0.0282	0.0246	19	-1.40	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	0.9250	0.0500	0.9505	0.0282	0.0246	19	-0.90	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.9300	0.0200	0.9505	0.0282	0.0246	19	-0.73	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.9400	0.0600	0.9505	0.0282	0.0246	19	-0.37	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	0.9480	0.0360	0.9505	0.0282	0.0246	19	-0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.9493	0.0918	0.9505	0.0282	0.0246	19	-0.04	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.9500	0.0200	0.9505	0.0282	0.0246	19	-0.02	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.9550	0.0100	0.9505	0.0282	0.0246	19	0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.9555	0.0090	0.9505	0.0282	0.0246	19	0.18	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.9585	0.0150	0.9505	0.0282	0.0246	19	0.29	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.9640	0.0260	0.9505	0.0282	0.0246	19	0.48	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.9642	0.0178	0.9505	0.0282	0.0246	19	0.49	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.9645	0.0070	0.9505	0.0282	0.0246	19	0.50	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.9745	0.0250	0.9505	0.0282	0.0246	19	0.85	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	0.9790	0.0040	0.9505	0.0282	0.0246	19	1.01	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.9810	0.0060	0.9505	0.0282	0.0246	19	1.08	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.022	0.0437	0.9505	0.0282	0.0246	19	2.54	4%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.9775	0.0030				1			0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.9335	0.0010	1.006	0.0793	0.0053	4			0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.9430	0.0000	1.006	0.0793	0.0053	4			0
120.05	Alanine, Pre-col AQC Der (%)	0148	1.060	0.0200	1.006	0.0793	0.0053	4			0
120.05	Alanine, Pre-col AQC Der (%)	2188	1.088	0.0000	1.006	0.0793	0.0053	4			0
120.05	Alanine, Pre-col AQC Der (%)	0407	1.174	0.1470	1.006	0.0793	0.0053	4			1
120.99	Alanine, Miscellaneous (%)	0889	0.8225	0.0450				2			0
120.99	Alanine, Miscellaneous (%)	0227	0.9600	0.0200				2			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.123	0.0097	1.242	0.0560	0.0269	19	-2.11	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.125	0.0300	1.242	0.0560	0.0269	19	-2.09	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	1.155	0.0700	1.242	0.0560	0.0269	19	-1.55	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.202	0.0206	1.242	0.0560	0.0269	19	-0.72	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	1.208	0.0350	1.242	0.0560	0.0269	19	-0.61	1%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.212	0.1090	1.242	0.0560	0.0269	19	-0.53	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	1.217	0.0000	1.242	0.0560	0.0269	19	-0.44	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.245	0.0100	1.242	0.0560	0.0269	19	0.06	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.245	0.0300	1.242	0.0560	0.0269	19	0.06	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	1.245	0.0100	1.242	0.0560	0.0269	19	0.06	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.258	0.0627	1.242	0.0560	0.0269	19	0.30	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.269	0.0220	1.242	0.0560	0.0269	19	0.49	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.275	0.0300	1.242	0.0560	0.0269	19	0.59	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.276	0.0000	1.242	0.0560	0.0269	19	0.61	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.278	0.0310	1.242	0.0560	0.0269	19	0.64	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	1.281	0.0030	1.242	0.0560	0.0269	19	0.69	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.285	0.0100	1.242	0.0560	0.0269	19	0.77	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.300	0.0000	1.242	0.0560	0.0269	19	1.04	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.330	0.0280	1.242	0.0560	0.0269	19	1.58	4%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.254	0.0030				1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.221	0.1110	1.336	0.1148	0.0532	5			0
121.05	Arginine, Pre-col AQC Der (%)	0407	1.265	0.0950	1.336	0.1148	0.0532	5			0
121.05	Arginine, Pre-col AQC Der (%)	2188	1.334	0.0000	1.336	0.1148	0.0532	5			0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.340	0.0600	1.336	0.1148	0.0532	5			0
121.05	Arginine, Pre-col AQC Der (%)	2196	1.521	0.0000	1.336	0.1148	0.0532	5			0
121.99	Arginine, Miscellaneous (%)	0889	1.058	0.0250				2			0
121.99	Arginine, Miscellaneous (%)	0227	1.205	0.0300				2			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.185	0.0300	1.403	0.0467	0.0262	18	-4.67	8%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.290	0.0000	1.403	0.0467	0.0262	18	-2.42	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.338	0.0067	1.403	0.0467	0.0262	18	-1.39	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.362	0.0252	1.403	0.0467	0.0262	18	-0.89	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.383	0.1133	1.403	0.0467	0.0262	18	-0.44	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	1.398	0.0200	1.403	0.0467	0.0262	18	-0.11	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.400	0.0200	1.403	0.0467	0.0262	18	-0.07	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.400	0.0000	1.403	0.0467	0.0262	18	-0.07	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.401	0.0350	1.403	0.0467	0.0262	18	-0.06	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.405	0.0300	1.403	0.0467	0.0262	18	0.04	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.418	0.0340	1.403	0.0467	0.0262	18	0.31	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.421	0.0160	1.403	0.0467	0.0262	18	0.38	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	1.425	0.0100	1.403	0.0467	0.0262	18	0.46	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.435	0.0350	1.403	0.0467	0.0262	18	0.67	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	1.436	0.0200	1.403	0.0467	0.0262	18	0.70	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.437	0.0070	1.403	0.0467	0.0262	18	0.71	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.463	0.0702	1.403	0.0467	0.0262	18	1.27	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.500	0.0000	1.403	0.0467	0.0262	18	2.07	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.380	0.1800	1.403	0.0467	0.0262	18	-0.50	1%	1
122.02	Aspartic, Post-col OPA Der (%)	0098	1.437	0.0050				1			0

Test Material Code # 202024	Method Proficiency Testing Report								Issue Date : 05/31/2020		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.389	0.0000	1.517	0.1275	0.0048	4			0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.425	0.0000	1.517	0.1275	0.0048	4			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.623	0.0190	1.517	0.1275	0.0048	4			0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.630	0.0000	1.517	0.1275	0.0048	4			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.343	0.0800	1.517	0.1275	0.0048	4			1
122.99	Aspartic, Miscellaneous (%)	0227	1.415	0.0300				2			0
122.99	Aspartic, Miscellaneous (%)	0889	1.480	0.0200				2			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.2826	0.0199	0.3332	0.0249	0.0081	19	-2.04	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.3033	0.0040	0.3332	0.0249	0.0081	19	-1.20	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.3050	0.0100	0.3332	0.0249	0.0081	19	-1.13	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.3150	0.0100	0.3332	0.0249	0.0081	19	-0.73	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.3150	0.0100	0.3332	0.0249	0.0081	19	-0.73	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0878	0.3250	0.0020	0.3332	0.0249	0.0081	19	-0.33	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.3265	0.0010	0.3332	0.0249	0.0081	19	-0.27	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.3300	0.0000	0.3332	0.0249	0.0081	19	-0.13	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0939	0.3300	0.0200	0.3332	0.0249	0.0081	19	-0.13	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.3310	0.0163	0.3332	0.0249	0.0081	19	-0.09	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0682	0.3310	0.0000	0.3332	0.0249	0.0081	19	-0.09	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.3340	0.0040	0.3332	0.0249	0.0081	19	0.03	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.3350	0.0020	0.3332	0.0249	0.0081	19	0.07	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.3405	0.0050	0.3332	0.0249	0.0081	19	0.29	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.3475	0.0090	0.3332	0.0249	0.0081	19	0.58	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0868	0.3600	0.0160	0.3332	0.0249	0.0081	19	1.08	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.3650	0.0100	0.3332	0.0249	0.0081	19	1.28	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.3815	0.0150	0.3332	0.0249	0.0081	19	1.94	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0848	0.5000	0.0000	0.3332	0.0249	0.0081	19	6.71	25%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.2445	0.0570	0.3332	0.0249	0.0081	19	-3.57	13%	1
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.3640	0.0100				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.2499	0.0057	0.3265	0.0551	0.0039	4			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.3250	0.0000	0.3265	0.0551	0.0039	4			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.3560	0.0000	0.3265	0.0551	0.0039	4			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.3750	0.0100	0.3265	0.0551	0.0039	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.3000	0.0000				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.3250	0.0200				2			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.085	0.0500	3.322	0.1554	0.0681	19	-1.52	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	3.109	0.0000	3.322	0.1554	0.0681	19	-1.37	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.205	0.0900	3.322	0.1554	0.0681	19	-0.75	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.227	0.1150	3.322	0.1554	0.0681	19	-0.61	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.227	0.0685	3.322	0.1554	0.0681	19	-0.61	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.245	0.0840	3.322	0.1554	0.0681	19	-0.49	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	3.253	0.1250	3.322	0.1554	0.0681	19	-0.45	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.259	0.0050	3.322	0.1554	0.0681	19	-0.41	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.279	0.0850	3.322	0.1554	0.0681	19	-0.28	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.280	0.0200	3.322	0.1554	0.0681	19	-0.27	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.299	0.0248	3.322	0.1554	0.0681	19	-0.15	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	3.342	0.1507	3.322	0.1554	0.0681	19	0.13	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.350	0.1000	3.322	0.1554	0.0681	19	0.18	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.428	0.0450	3.322	0.1554	0.0681	19	0.68	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	3.440	0.1000	3.322	0.1554	0.0681	19	0.76	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	3.478	0.1290	3.322	0.1554	0.0681	19	1.01	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.525	0.0300	3.322	0.1554	0.0681	19	1.31	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	3.526	0.0410	3.322	0.1554	0.0681	19	1.31	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	3.665	0.0300	3.322	0.1554	0.0681	19	2.21	5%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	3.298	0.0080				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0407	3.166	0.1360	3.258	0.0736	0.0378	4			0
125.05	Glutamic, Pre-col AQC Der (%)	2196	3.253	0.0000	3.258	0.0736	0.0378	4			0
125.05	Glutamic, Pre-col AQC Der (%)	2188	3.268	0.0000	3.258	0.0736	0.0378	4			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.346	0.0150	3.258	0.0736	0.0378	4			0
125.05	Glutamic, Pre-col AQC Der (%)	0148	4.080	0.0800	3.258	0.0736	0.0378	4			2
125.99	Glutamic, Miscellaneous (%)	0889	2.990	0.0600				2			0
125.99	Glutamic, Miscellaneous (%)	0227	3.205	0.0700				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.7850	0.0100	0.8737	0.0276	0.0145	18	-3.22	5%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.8132	0.0067	0.8737	0.0276	0.0145	18	-2.20	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.8220	0.0000	0.8737	0.0276	0.0145	18	-1.88	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.8475	0.0190	0.8737	0.0276	0.0145	18	-0.95	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.8669	0.0190	0.8737	0.0276	0.0145	18	-0.25	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	0.8700	0.0400	0.8737	0.0276	0.0145	18	-0.14	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.8700	0.0200	0.8737	0.0276	0.0145	18	-0.14	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.8750	0.0300	0.8737	0.0276	0.0145	18	0.05	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.8775	0.0110	0.8737	0.0276	0.0145	18	0.14	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.8800	0.0200	0.8737	0.0276	0.0145	18	0.23	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.8800	0.0000	0.8737	0.0276	0.0145	18	0.23	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.8805	0.0090	0.8737	0.0276	0.0145	18	0.25	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.8840	0.0060	0.8737	0.0276	0.0145	18	0.37	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.8860	0.0000	0.8737	0.0276	0.0145	18	0.44	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.8915	0.0010	0.8737	0.0276	0.0145	18	0.64	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.9006	0.0298	0.8737	0.0276	0.0145	18	0.97	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.9055	0.0290	0.8737	0.0276	0.0145	18	1.15	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.9385	0.0110	0.8737	0.0276	0.0145	18	2.35	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.8859	0.1182	0.8737	0.0276	0.0145	18	0.44	1%	1
126.02	Glycine, Post-col OPA Der (%)	0098	0.9060	0.0080				1			0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.8540	0.0000	0.9375	0.1231	0.0105	4			0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.8725	0.0190	0.9375	0.1231	0.0105	4			0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.9040	0.0000	0.9375	0.1231	0.0105	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
126.05	Glycine, Pre-col AQC Der (%)	0407	1.120	0.0230	0.9375	0.1231	0.0105	4			0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.9900	0.1000	0.9375	0.1231	0.0105	4			1
126.99	Glycine, Miscellaneous (%)	0889	0.3850	0.0000				2			0
126.99	Glycine, Miscellaneous (%)	0227	0.8750	0.0100				2			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.2850	0.0100	0.4862	0.0208	0.0094	18	-9.65	21%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.4534	0.0015	0.4862	0.0208	0.0094	18	-1.57	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.4645	0.0074	0.4862	0.0208	0.0094	18	-1.04	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.4650	0.0100	0.4862	0.0208	0.0094	18	-1.02	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.4750	0.0300	0.4862	0.0208	0.0094	18	-0.54	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.4840	0.0040	0.4862	0.0208	0.0094	18	-0.10	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.4850	0.0100	0.4862	0.0208	0.0094	18	-0.06	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.4860	0.0060	0.4862	0.0208	0.0094	18	-0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.4870	0.0100	0.4862	0.0208	0.0094	18	0.04	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.4870	0.0060	0.4862	0.0208	0.0094	18	0.04	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.4890	0.0000	0.4862	0.0208	0.0094	18	0.14	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.4890	0.0080	0.4862	0.0208	0.0094	18	0.14	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.4900	0.0200	0.4862	0.0208	0.0094	18	0.18	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.4940	0.0020	0.4862	0.0208	0.0094	18	0.38	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.5050	0.0100	0.4862	0.0208	0.0094	18	0.90	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.5082	0.0219	0.4862	0.0208	0.0094	18	1.05	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.5150	0.0060	0.4862	0.0208	0.0094	18	1.38	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.5875	0.0070	0.4862	0.0208	0.0094	18	4.86	10%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.4373	0.0608	0.4862	0.0208	0.0094	18	-2.34	5%	1
127.02	Histidine, Post-col OPA Der (%)	0098	0.4905	0.0030				1			0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.4430	0.0140	0.5221	0.0778	0.0182	5			0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.4950	0.0500	0.5221	0.0778	0.0182	5			0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.5000	0.0000	0.5221	0.0778	0.0182	5			0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.5210	0.0000	0.5221	0.0778	0.0182	5			0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.6515	0.0270	0.5221	0.0778	0.0182	5			0
127.99	Histidine, Miscellaneous (%)	0889	0.3850	0.0000				2			0
127.99	Histidine, Miscellaneous (%)	0227	0.4850	0.0100				2			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.5314	0.0537	0.5930	0.0433	0.0174	19	-1.42	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.5332	0.0089	0.5930	0.0433	0.0174	19	-1.38	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.5400	0.0200	0.5930	0.0433	0.0174	19	-1.22	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.5450	0.0300	0.5930	0.0433	0.0174	19	-1.11	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.5650	0.0000	0.5930	0.0433	0.0174	19	-0.65	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.5650	0.0500	0.5930	0.0433	0.0174	19	-0.65	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.5785	0.0090	0.5930	0.0433	0.0174	19	-0.33	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	0.5800	0.0400	0.5930	0.0433	0.0174	19	-0.30	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.5900	0.0200	0.5930	0.0433	0.0174	19	-0.07	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.6030	0.0060	0.5930	0.0433	0.0174	19	0.23	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.6070	0.0100	0.5930	0.0433	0.0174	19	0.32	1%	0

Test Material Code # 202024	Method Proficiency Testing Report								Issue Date : 05/31/2020		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.6105	0.0376	0.5930	0.0433	0.0174	19	0.40	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.6110	0.0200	0.5930	0.0433	0.0174	19	0.42	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.6200	0.0000	0.5930	0.0433	0.0174	19	0.62	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.6235	0.0050	0.5930	0.0433	0.0174	19	0.70	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.6375	0.0010	0.5930	0.0433	0.0174	19	1.03	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.6396	0.0100	0.5930	0.0433	0.0174	19	1.08	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.6400	0.0060	0.5930	0.0433	0.0174	19	1.09	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.6465	0.0030	0.5930	0.0433	0.0174	19	1.24	5%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.6290	0.0020				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.5425	0.0490	0.6332	0.0697	0.0264	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.5955	0.0130	0.6332	0.0697	0.0264	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.6250	0.0000	0.6332	0.0697	0.0264	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.6880	0.0000	0.6332	0.0697	0.0264	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.7150	0.0700	0.6332	0.0697	0.0264	5			0
128.99	Isoleucine, Miscellaneous (%)	0889	0.5875	0.0050				2			0
128.99	Isoleucine, Miscellaneous (%)	0227	0.6050	0.0100				2			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.270	0.0400	1.411	0.0556	0.0331	19	-2.54	5%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	1.273	0.0000	1.411	0.0556	0.0331	19	-2.48	5%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.319	0.0211	1.411	0.0556	0.0331	19	-1.66	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.355	0.0100	1.411	0.0556	0.0331	19	-1.01	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.385	0.0100	1.411	0.0556	0.0331	19	-0.47	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	1.390	0.0020	1.411	0.0556	0.0331	19	-0.38	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.402	0.0310	1.411	0.0556	0.0331	19	-0.17	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.405	0.0310	1.411	0.0556	0.0331	19	-0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.418	0.0190	1.411	0.0556	0.0331	19	0.11	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	1.420	0.0200	1.411	0.0556	0.0331	19	0.16	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.422	0.0340	1.411	0.0556	0.0331	19	0.20	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.431	0.0160	1.411	0.0556	0.0331	19	0.36	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.440	0.0150	1.411	0.0556	0.0331	19	0.51	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.444	0.1358	1.411	0.0556	0.0331	19	0.59	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.447	0.0736	1.411	0.0556	0.0331	19	0.65	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.450	0.1000	1.411	0.0556	0.0331	19	0.70	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.452	0.0110	1.411	0.0556	0.0331	19	0.73	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.475	0.0500	1.411	0.0556	0.0331	19	1.15	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.495	0.0100	1.411	0.0556	0.0331	19	1.51	3%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.442	0.0160				1			0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.305	0.0000	1.411	0.0864	0.0288	4			0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.377	0.0450	1.411	0.0864	0.0288	4			0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.478	0.0000	1.411	0.0864	0.0288	4			0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.485	0.0700	1.411	0.0864	0.0288	4			0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.477	0.3510	1.411	0.0864	0.0288	4			1
129.99	Leucine, Miscellaneous (%)	0889	1.268	0.0650				2			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
129.99	Leucine, Miscellaneous (%)	0227	1.385	0.0300				2			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.6770	0.0000	0.7317	0.0274	0.0229	20	-2.00	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.6850	0.0500	0.7317	0.0274	0.0229	20	-1.71	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.6996	0.0562	0.7317	0.0274	0.0229	20	-1.17	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.7000	0.0000	0.7317	0.0274	0.0229	20	-1.16	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.7081	0.0872	0.7317	0.0274	0.0229	20	-0.86	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.7126	0.0155	0.7317	0.0274	0.0229	20	-0.70	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.7220	0.0080	0.7317	0.0274	0.0229	20	-0.35	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.7280	0.0200	0.7317	0.0274	0.0229	20	-0.13	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	0.7350	0.0100	0.7317	0.0274	0.0229	20	0.12	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.7385	0.0290	0.7317	0.0274	0.0229	20	0.25	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.7400	0.0000	0.7317	0.0274	0.0229	20	0.30	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.7400	0.0200	0.7317	0.0274	0.0229	20	0.30	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	0.7415	0.0030	0.7317	0.0274	0.0229	20	0.36	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.7450	0.0020	0.7317	0.0274	0.0229	20	0.49	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.7490	0.0140	0.7317	0.0274	0.0229	20	0.63	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.7550	0.0100	0.7317	0.0274	0.0229	20	0.85	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.7550	0.0400	0.7317	0.0274	0.0229	20	0.85	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.7550	0.0260	0.7317	0.0274	0.0229	20	0.85	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.7550	0.0300	0.7317	0.0274	0.0229	20	0.85	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.8331	0.0370	0.7317	0.0274	0.0229	20	3.71	7%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.8200	0.0080				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.6145	0.0350	0.7438	0.1159	0.0258	6	-1.12	9%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.6755	0.0010	0.7438	0.1159	0.0258	6	-0.59	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.7290	0.0000	0.7438	0.1159	0.0258	6	-0.13	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.7490	0.0000	0.7438	0.1159	0.0258	6	0.05	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0014	0.7795	0.0290	0.7438	0.1159	0.0258	6	0.31	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.9150	0.0900	0.7438	0.1159	0.0258	6	1.48	12%	0
130.99	L-Lysine, Miscellaneous (%)	2053	0.6840	0.0320				3			0
130.99	L-Lysine, Miscellaneous (%)	0889	0.7375	0.0050				3			0
130.99	L-Lysine, Miscellaneous (%)	0227	0.8100	0.0200				3			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.2240	0.0520	0.2936	0.0299	0.0102	19	-2.33	12%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2400	0.0200	0.2936	0.0299	0.0102	19	-1.80	9%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.2600	0.0000	0.2936	0.0299	0.0102	19	-1.13	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.2650	0.0100	0.2936	0.0299	0.0102	19	-0.96	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.2660	0.0000	0.2936	0.0299	0.0102	19	-0.92	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.2800	0.0000	0.2936	0.0299	0.0102	19	-0.46	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.2854	0.0033	0.2936	0.0299	0.0102	19	-0.28	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.2910	0.0060	0.2936	0.0299	0.0102	19	-0.09	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.2950	0.0120	0.2936	0.0299	0.0102	19	0.05	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.2980	0.0040	0.2936	0.0299	0.0102	19	0.15	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.3020	0.0000	0.2936	0.0299	0.0102	19	0.28	1%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.3040	0.0060	0.2936	0.0299	0.0102	19	0.35	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.3080	0.0000	0.2936	0.0299	0.0102	19	0.48	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.3090	0.0060	0.2936	0.0299	0.0102	19	0.52	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.3155	0.0190	0.2936	0.0299	0.0102	19	0.73	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.3158	0.0343	0.2936	0.0299	0.0102	19	0.74	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.3200	0.0000	0.2936	0.0299	0.0102	19	0.88	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.3280	0.0111	0.2936	0.0299	0.0102	19	1.15	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.4250	0.0100	0.2936	0.0299	0.0102	19	4.40	22%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.2500	0.0800	0.2936	0.0299	0.0102	19	-1.46	7%	1
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2980	0.0040				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.2880	0.0200	0.3017	0.0186	0.0080	6	-0.74	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.2890	0.0000	0.3017	0.0186	0.0080	6	-0.68	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.2898	0.0082	0.3017	0.0186	0.0080	6	-0.64	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0014	0.3040	0.0200	0.3017	0.0186	0.0080	6	0.12	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.3100	0.0000	0.3017	0.0186	0.0080	6	0.44	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.3450	0.0000	0.3017	0.0186	0.0080	6	2.33	7%	0
131.99	Methionine, Miscellaneous (%)	0889	0.2325	0.0050				3			0
131.99	Methionine, Miscellaneous (%)	0227	0.3100	0.0000				3			0
131.99	Methionine, Miscellaneous (%)	2053	0.3235	0.0010				3			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.7070	0.0000	0.8216	0.0538	0.0188	19	-2.13	7%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.7450	0.0300	0.8216	0.0538	0.0188	19	-1.42	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.7564	0.0688	0.8216	0.0538	0.0188	19	-1.21	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.7700	0.0600	0.8216	0.0538	0.0188	19	-0.96	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.7850	0.0100	0.8216	0.0538	0.0188	19	-0.68	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.7945	0.0030	0.8216	0.0538	0.0188	19	-0.50	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.8035	0.0210	0.8216	0.0538	0.0188	19	-0.34	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.8265	0.0010	0.8216	0.0538	0.0188	19	0.09	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.8295	0.0188	0.8216	0.0538	0.0188	19	0.15	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.8320	0.0200	0.8216	0.0538	0.0188	19	0.19	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.8320	0.0200	0.8216	0.0538	0.0188	19	0.19	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.8340	0.0140	0.8216	0.0538	0.0188	19	0.23	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.8350	0.0300	0.8216	0.0538	0.0188	19	0.25	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.8475	0.0085	0.8216	0.0538	0.0188	19	0.48	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.8480	0.0080	0.8216	0.0538	0.0188	19	0.49	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	0.8500	0.0000	0.8216	0.0538	0.0188	19	0.53	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.8760	0.0040	0.8216	0.0538	0.0188	19	1.01	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.9050	0.0100	0.8216	0.0538	0.0188	19	1.55	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.9611	0.0300	0.8216	0.0538	0.0188	19	2.59	8%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.8520	0.0040				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.8070	0.0000	0.8513	0.0384	0.0674	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.8205	0.0350	0.8513	0.0384	0.0674	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.8500	0.0000	0.8513	0.0384	0.0674	5			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.8840	0.2120	0.8513	0.0384	0.0674	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.8950	0.0900	0.8513	0.0384	0.0674	5			0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.7675	0.0050				2			0
132.99	Phenylalanine, Miscellaneous (%)	0227	0.8200	0.0200				2			0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.5144	0.0003	1.115	0.0606	0.0396	18	-9.90	27%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.014	0.0548	1.115	0.0606	0.0396	18	-1.66	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	1.036	0.0000	1.115	0.0606	0.0396	18	-1.29	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	1.050	0.1400	1.115	0.0606	0.0396	18	-1.06	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	1.097	0.0500	1.115	0.0606	0.0396	18	-0.29	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.100	0.0400	1.115	0.0606	0.0396	18	-0.24	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.100	0.0080	1.115	0.0606	0.0396	18	-0.24	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.115	0.0500	1.115	0.0606	0.0396	18	0.01	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.121	0.0140	1.115	0.0606	0.0396	18	0.11	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.122	0.0020	1.115	0.0606	0.0396	18	0.12	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.124	0.0160	1.115	0.0606	0.0396	18	0.16	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.135	0.0672	1.115	0.0606	0.0396	18	0.34	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.145	0.0100	1.115	0.0606	0.0396	18	0.50	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.150	0.0600	1.115	0.0606	0.0396	18	0.59	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	1.158	0.0050	1.115	0.0606	0.0396	18	0.71	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	1.175	0.0300	1.115	0.0606	0.0396	18	1.00	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.181	0.0140	1.115	0.0606	0.0396	18	1.10	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.214	0.1507	1.115	0.0606	0.0396	18	1.64	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.060	0.2800	1.115	0.0606	0.0396	18	-0.90	2%	1
133.05	Proline, Pre-col AQC Der (%)	0626	1.127	0.0560	1.227	0.0839	0.0434	5			0
133.05	Proline, Pre-col AQC Der (%)	2196	1.145	0.0000	1.227	0.0839	0.0434	5			0
133.05	Proline, Pre-col AQC Der (%)	2188	1.270	0.0000	1.227	0.0839	0.0434	5			0
133.05	Proline, Pre-col AQC Der (%)	0148	1.295	0.0300	1.227	0.0839	0.0434	5			0
133.05	Proline, Pre-col AQC Der (%)	0407	1.298	0.1310	1.227	0.0839	0.0434	5			0
133.99	Proline, Miscellaneous (%)	0889	1.115	0.0200				2			0
133.99	Proline, Miscellaneous (%)	0227	1.140	0.0200				2			0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.7530	0.0000	0.8515	0.0445	0.0245	19	-2.21	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.7850	0.0100	0.8515	0.0445	0.0245	19	-1.49	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.8050	0.0700	0.8515	0.0445	0.0245	19	-1.04	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.8260	0.0000	0.8515	0.0445	0.0245	19	-0.57	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.8260	0.0320	0.8515	0.0445	0.0245	19	-0.57	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.8267	0.0032	0.8515	0.0445	0.0245	19	-0.56	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.8275	0.0090	0.8515	0.0445	0.0245	19	-0.54	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.8410	0.0220	0.8515	0.0445	0.0245	19	-0.23	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.8440	0.0120	0.8515	0.0445	0.0245	19	-0.17	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.8463	0.0091	0.8515	0.0445	0.0245	19	-0.12	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.8500	0.0000	0.8515	0.0445	0.0245	19	-0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.8550	0.0300	0.8515	0.0445	0.0245	19	0.08	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.8730	0.0520	0.8515	0.0445	0.0245	19	0.48	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.8885	0.0270	0.8515	0.0445	0.0245	19	0.83	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	0.8900	0.0000	0.8515	0.0445	0.0245	19	0.87	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.8950	0.0300	0.8515	0.0445	0.0245	19	0.98	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.8977	0.1052	0.8515	0.0445	0.0245	19	1.04	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.8980	0.0000	0.8515	0.0445	0.0245	19	1.05	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.9580	0.0543	0.8515	0.0445	0.0245	19	2.39	6%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.7760	0.0280				1			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.8395	0.0230	0.9263	0.1223	0.0646	5			0
134.05	Serine, Pre-col AQC Der (%)	2188	0.8520	0.0000	0.9263	0.1223	0.0646	5			0
134.05	Serine, Pre-col AQC Der (%)	2196	0.8530	0.0000	0.9263	0.1223	0.0646	5			0
134.05	Serine, Pre-col AQC Der (%)	0148	0.9600	0.1400	0.9263	0.1223	0.0646	5			0
134.05	Serine, Pre-col AQC Der (%)	0407	1.127	0.1600	0.9263	0.1223	0.0646	5			0
134.99	Serine, Miscellaneous (%)	0227	0.8050	0.0100				2			0
134.99	Serine, Miscellaneous (%)	0889	0.8800	0.0100				2			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.5380	0.0000	0.6305	0.0224	0.0144	19	-4.13	7%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.5850	0.0100	0.6305	0.0224	0.0144	19	-2.03	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.5985	0.0066	0.6305	0.0224	0.0144	19	-1.43	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.6115	0.0116	0.6305	0.0224	0.0144	19	-0.85	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.6200	0.0120	0.6305	0.0224	0.0144	19	-0.47	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.6220	0.0060	0.6305	0.0224	0.0144	19	-0.38	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.6250	0.0300	0.6305	0.0224	0.0144	19	-0.24	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.6285	0.0110	0.6305	0.0224	0.0144	19	-0.09	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.6300	0.0200	0.6305	0.0224	0.0144	19	-0.02	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.6335	0.0070	0.6305	0.0224	0.0144	19	0.13	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.6350	0.0240	0.6305	0.0224	0.0144	19	0.20	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.6395	0.0150	0.6305	0.0224	0.0144	19	0.40	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.6398	0.0299	0.6305	0.0224	0.0144	19	0.41	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.6400	0.0000	0.6305	0.0224	0.0144	19	0.42	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.6400	0.0200	0.6305	0.0224	0.0144	19	0.42	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.6450	0.0300	0.6305	0.0224	0.0144	19	0.65	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.6490	0.0080	0.6305	0.0224	0.0144	19	0.83	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.6680	0.0020	0.6305	0.0224	0.0144	19	1.67	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.6978	0.0303	0.6305	0.0224	0.0144	19	3.00	5%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.6470	0.0040				1			0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.6170	0.0080	0.6773	0.0527	0.0258	5			0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.6410	0.0000	0.6773	0.0527	0.0258	5			0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.6650	0.0000	0.6773	0.0527	0.0258	5			0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.7250	0.0700	0.6773	0.0527	0.0258	5			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.7385	0.0510	0.6773	0.0527	0.0258	5			0
135.99	Threonine, Miscellaneous (%)	0227	0.6350	0.0100				2			0
135.99	Threonine, Miscellaneous (%)	0889	0.6450	0.0100				2			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.1950	0.0100	0.2249	0.0235	0.0073	7	-1.27	7%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.2145	0.0070	0.2249	0.0235	0.0073	7	-0.44	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.2150	0.0000	0.2249	0.0235	0.0073	7	-0.42	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.2245	0.0150	0.2249	0.0235	0.0073	7	-0.02	0%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.2250	0.0100	0.2249	0.0235	0.0073	7	0.00	0%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.2403	0.0089	0.2249	0.0235	0.0073	7	0.65	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2600	0.0000	0.2249	0.0235	0.0073	7	1.50	8%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.2245	0.0010				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.2245	0.0010				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.2175	0.0030				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC Fl (%)	0872	0.2160	0.0080	0.2256	0.0120	0.0052	6	-0.80	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC Fl (%)	0859	0.2162	0.0112	0.2256	0.0120	0.0052	6	-0.79	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC Fl (%)	0939	0.2200	0.0000	0.2256	0.0120	0.0052	6	-0.47	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC Fl (%)	0571	0.2290	0.0020	0.2256	0.0120	0.0052	6	0.28	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC Fl (%)	2059	0.2290	0.0000	0.2256	0.0120	0.0052	6	0.28	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC Fl (%)	0353	0.2750	0.0100	0.2256	0.0120	0.0052	6	4.11	11%	0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.0440	0.0040				1			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.4825	0.0050				1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.4800	0.0800	0.5937	0.0626	0.0225	13	-1.82	10%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.5306	0.0007	0.5937	0.0626	0.0225	13	-1.01	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.5340	0.0060	0.5937	0.0626	0.0225	13	-0.95	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.5584	0.0398	0.5937	0.0626	0.0225	13	-0.56	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.5650	0.0700	0.5937	0.0626	0.0225	13	-0.46	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.5750	0.0100	0.5937	0.0626	0.0225	13	-0.30	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.6065	0.0110	0.5937	0.0626	0.0225	13	0.20	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.6090	0.0000	0.5937	0.0626	0.0225	13	0.24	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.6200	0.0200	0.5937	0.0626	0.0225	13	0.42	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.6344	0.0166	0.5937	0.0626	0.0225	13	0.65	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.6380	0.0260	0.5937	0.0626	0.0225	13	0.71	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.6650	0.0100	0.5937	0.0626	0.0225	13	1.14	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.6830	0.0020	0.5937	0.0626	0.0225	13	1.43	8%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.5400	0.0040				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.5070	0.0000	0.8510	0.3917	0.0055	4			0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.7000	0.0000	0.8510	0.3917	0.0055	4			0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.7850	0.0100	0.8510	0.3917	0.0055	4			0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	1.412	0.0120	0.8510	0.3917	0.0055	4			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.5295	0.0610	0.8510	0.3917	0.0055	4			1
137.99	Tyrosine, Miscellaneous (%)	0889	0.4825	0.0050				2			0
137.99	Tyrosine, Miscellaneous (%)	0227	0.4950	0.0100				2			0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.5314	0.0537	0.8189	0.0342	0.0176	19	-8.40	18%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.7500	0.0200	0.8189	0.0342	0.0176	19	-2.01	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.7672	0.0104	0.8189	0.0342	0.0176	19	-1.51	3%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.7780	0.0000	0.8189	0.0342	0.0176	19	-1.19	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.8100	0.0160	0.8189	0.0342	0.0176	19	-0.26	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	0.8100	0.0200	0.8189	0.0342	0.0176	19	-0.26	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.8100	0.0400	0.8189	0.0342	0.0176	19	-0.26	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.8205	0.0190	0.8189	0.0342	0.0176	19	0.05	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.8210	0.0160	0.8189	0.0342	0.0176	19	0.06	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.8213	0.0307	0.8189	0.0342	0.0176	19	0.07	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.8295	0.0190	0.8189	0.0342	0.0176	19	0.31	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.8300	0.0200	0.8189	0.0342	0.0176	19	0.32	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.8350	0.0100	0.8189	0.0342	0.0176	19	0.47	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.8350	0.0300	0.8189	0.0342	0.0176	19	0.47	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.8360	0.0040	0.8189	0.0342	0.0176	19	0.50	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.8431	0.0146	0.8189	0.0342	0.0176	19	0.71	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.8535	0.0010	0.8189	0.0342	0.0176	19	1.01	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.8575	0.0050	0.8189	0.0342	0.0176	19	1.13	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.8665	0.0050	0.8189	0.0342	0.0176	19	1.39	3%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.8840	0.0040				1			0
138.05	Valine, Pre-col AQC Der (%)	0407	0.5580	0.0020	0.8049	0.1604	0.0230	5			0
138.05	Valine, Pre-col AQC Der (%)	2196	0.7640	0.0000	0.8049	0.1604	0.0230	5			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.8265	0.0430	0.8049	0.1604	0.0230	5			0
138.05	Valine, Pre-col AQC Der (%)	2188	0.8910	0.0000	0.8049	0.1604	0.0230	5			0
138.05	Valine, Pre-col AQC Der (%)	0148	0.9850	0.0700	0.8049	0.1604	0.0230	5			0
138.99	Valine, Miscellaneous (%)	0889	0.7825	0.0050				2			0
138.99	Valine, Miscellaneous (%)	0227	0.8750	0.0100				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0540	0.0000				1			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0255	0.0010				1			0
139.99	Taurine, Miscellaneous (%)	0889	0.0250	0.0000				1			0
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					1			5
160.10	Fructose, HPAEC PAD (%)	0297	0.0985	0.0430				1			0
160.99	Fructose, Miscellaneous (%)	0227	0.2950	0.0100				1			0
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
162.10	Glucose, HPAEC PAD (%)	0297	0.1815	0.0670				1			0
162.99	Glucose, Miscellaneous (%)	0227	0.2150	0.0100				1			0
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.10	Maltose, HPAEC PAD (%)	0297	0.1835	0.0710				1			0
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0			5
165.10	Sucrose, HPAEC PAD (%)	0297	0.9735	0.3850				1			0
165.99	Sucrose, Miscellaneous (%)	0227	1.270	0.0000				1			0
166.10	Raffinose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
166.99	Raffinose, Miscellaneous (%)	0227	0.6900	0.0400				1			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
167.10	Stachyose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
167.99	Stachyose, Miscellaneous (%)	0227	0.1750	0.0100				1			0
348.06	Bacitracin, LC-MS/MS (ppm)	0870	< 1					0			5
351.05	Chlortetracycline, LC-MS/MS (ppm)	2305	0.3553	0.0077	0.7885	0.5667	0.0772	7	-0.76	27%	0
351.05	Chlortetracycline, LC-MS/MS (ppm)	2301	0.3856	0.0341	0.7885	0.5667	0.0772	7	-0.71	26%	0
351.05	Chlortetracycline, LC-MS/MS (ppm)	2314	0.4284	0.0383	0.7885	0.5667	0.0772	7	-0.64	23%	0
351.05	Chlortetracycline, LC-MS/MS (ppm)	2234	0.5040	0.0521	0.7885	0.5667	0.0772	7	-0.50	18%	0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0870	1.015	0.1300	0.7885	0.5667	0.0772	7	0.40	14%	0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0939	1.193	0.0080	0.7885	0.5667	0.0772	7	0.71	26%	0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0619	2.485	0.2700	0.7885	0.5667	0.0772	7	2.99	108%	0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0148	< 2		0.7885	0.5667	0.0772	7			5
354.01	Decoquinate, LC (UV or FL) (ppm)	0009	28.25	0.0800	37.29	7.516	2.302	6	-1.20	12%	0
354.01	Decoquinate, LC (UV or FL) (ppm)	0032	35.20	0.8000	37.29	7.516	2.302	6	-0.28	3%	0
354.01	Decoquinate, LC (UV or FL) (ppm)	0010	36.10	0.4000	37.29	7.516	2.302	6	-0.16	2%	0
354.01	Decoquinate, LC (UV or FL) (ppm)	0910	36.35	0.1000	37.29	7.516	2.302	6	-0.13	1%	0
354.01	Decoquinate, LC (UV or FL) (ppm)	0014	39.30	8.800	37.29	7.516	2.302	6	0.27	3%	0
354.01	Decoquinate, LC (UV or FL) (ppm)	2192	51.03	3.630	37.29	7.516	2.302	6	1.83	18%	0
354.02	Decoquinate, LC (ppm)	0033	35.30	0.0000	36.12	0.5807	1.083	4			0
354.02	Decoquinate, LC (ppm)	0512	36.12	1.430	36.12	0.5807	1.083	4			0
354.02	Decoquinate, LC (ppm)	0001	36.45	1.700	36.12	0.5807	1.083	4			0
354.02	Decoquinate, LC (ppm)	0036	36.60	1.200	36.12	0.5807	1.083	4			0
354.04	Decoquinate, LC-MS/MS (ppm)	0941	30.30	0.0000				3			0
354.04	Decoquinate, LC-MS/MS (ppm)	2234	34.70	0.2900				3			0
354.04	Decoquinate, LC-MS/MS (ppm)	2113	37.50	1.000				3			0
354.04	Decoquinate, LC-MS/MS (ppm)	0148	25.70	4.600				3			1
355.03	Erythromycin, LC-MS/MS (ppm)	0870	< 0.5					0			5
365.00	Monensin, Plate (ppm)	0043	29.46	0.0000				2			0
365.00	Monensin, Plate (ppm)	0035	32.05	0.9200				2			0
365.02	Monensin, LC (ppm)	2192	35.45	0.6100				1			0
365.03	Monensin, LC-PCD (ppm)	0032	23.00	0.0000	32.55	3.541	0.6800	6	-2.70	15%	0
365.03	Monensin, LC-PCD (ppm)	0010	31.36	1.220	32.55	3.541	0.6800	6	-0.34	2%	0
365.03	Monensin, LC-PCD (ppm)	0148	32.97	0.5600	32.55	3.541	0.6800	6	0.12	1%	0
365.03	Monensin, LC-PCD (ppm)	0590	33.25	1.500	32.55	3.541	0.6800	6	0.20	1%	0
365.03	Monensin, LC-PCD (ppm)	0035	33.84	0.5000	32.55	3.541	0.6800	6	0.36	2%	0
365.03	Monensin, LC-PCD (ppm)	0036	36.65	0.3000	32.55	3.541	0.6800	6	1.16	6%	0
365.04	Monensin, LC-MS (ppm)	2144	37.29	0.9200				1			0
365.05	Monensin, LC-MS/MS (ppm)	0870	15.38	0.9500	34.17	7.442	2.273	10	-2.53	28%	0
365.05	Monensin, LC-MS/MS (ppm)	2234	27.93	1.730	34.17	7.442	2.273	10	-0.84	9%	0
365.05	Monensin, LC-MS/MS (ppm)	0001	29.45	3.300	34.17	7.442	2.273	10	-0.63	7%	0
365.05	Monensin, LC-MS/MS (ppm)	2053	31.25	0.3000	34.17	7.442	2.273	10	-0.39	4%	0
365.05	Monensin, LC-MS/MS (ppm)	2113	32.00	2.000	34.17	7.442	2.273	10	-0.29	3%	0
365.05	Monensin, LC-MS/MS (ppm)	0009	35.62	0.1900	34.17	7.442	2.273	10	0.19	2%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
365.05	Monensin, LC-MS/MS (ppm)	0148	37.95	4.300	34.17	7.442	2.273	10	0.51	6%	0
365.05	Monensin, LC-MS/MS (ppm)	0941	38.80	0.0000	34.17	7.442	2.273	10	0.62	7%	0
365.05	Monensin, LC-MS/MS (ppm)	0619	42.80	1.600	34.17	7.442	2.273	10	1.16	13%	0
365.05	Monensin, LC-MS/MS (ppm)	0553	42.90	8.360	34.17	7.442	2.273	10	1.17	13%	0
365.99	Monensin, Miscellaneous (ppm)	0910	29.00	0.8000				1			0
373.06	Oxytetracycline, LC-MS/MS (ppm)	0870	< 1					0			5
374.04	Penicillin, LC-MS/MS (ppm)	0870	< 0.25					0			5
382.04	Sulfamethazine, LC-MS/MS (ppm)	2301	0.0477	0.0001				3			0
382.04	Sulfamethazine, LC-MS/MS (ppm)	2305	0.0487	0.0009				3			0
382.04	Sulfamethazine, LC-MS/MS (ppm)	2314	0.0492	0.0021				3			0
382.04	Sulfamethazine, LC-MS/MS (ppm)	2234	0.0729	0.0069				3			1
382.04	Sulfamethazine, LC-MS/MS (ppm)	0148	< 0.1					3			5
386.02	Tiamulin, LC-MS/MS (ppm)	2234	0.1050	0.0003				2			0
386.02	Tiamulin, LC-MS/MS (ppm)	0619	0.2460	0.1460				2			0
386.02	Tiamulin, LC-MS/MS (ppm)	0148	< 0.1					2			5
388.05	Tylosin, LC-MS/MS (ppm)	0870	< 0.5					0			5
389.03	Virginiamycin, LC-MS/MS (ppm)	0870	< 0.1					0			5
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.5150	0.0100	0.5356	0.0158	0.0043	7	-1.30	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.5274	0.0012	0.5356	0.0158	0.0043	7	-0.52	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.5286	0.0021	0.5356	0.0158	0.0043	7	-0.45	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.5365	0.0010	0.5356	0.0158	0.0043	7	0.06	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.5410	0.0140	0.5356	0.0158	0.0043	7	0.34	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.5414	0.0020	0.5356	0.0158	0.0043	7	0.37	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.6195	0.0001	0.5356	0.0158	0.0043	7	5.30	8%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.4950	0.0500	0.5356	0.0158	0.0043	7	-2.57	4%	1
400.99	Water Activity, Miscellaneous (Units)	2302	0.4310	0.0060	0.5044	0.0538	0.0038	4			0
400.99	Water Activity, Miscellaneous (Units)	0941	0.5110	0.0000	0.5044	0.0538	0.0038	4			0
400.99	Water Activity, Miscellaneous (Units)	0843	0.5150	0.0080	0.5044	0.0538	0.0038	4			0
400.99	Water Activity, Miscellaneous (Units)	2073	0.5605	0.0010	0.5044	0.0538	0.0038	4			0
516.00	Arsenic, Total, AA, Hydride (ppm)	0171	0.1285	0.0190				2			0
516.00	Arsenic, Total, AA, Hydride (ppm)	0045	0.1380	0.0060				2			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0941	0.1630	0.0000				2			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0407	1.132	0.0100				2			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0682	< 10					2			5
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0186	0.1295	0.0130				2			0
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0910	0.1550	0.0100				2			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0553	0.1450	0.0000	0.1637	0.0229	0.0036	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0164	0.1500	0.0120	0.1637	0.0229	0.0036	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0227	0.1640	0.0020	0.1637	0.0229	0.0036	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0918	0.1960	0.0003	0.1637	0.0229	0.0036	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	2053	0.1400	0.0600	0.1637	0.0229	0.0036	4			1
516.99	Arsenic, Total, Miscellaneous (ppm)	2302	< 0.1					0			5

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
518.31	Cadmium, AAS, Dry ash (ppm)	0689	< 0.2					0			5
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.1173	0.0017				2			0
518.41	Cadmium, ICP, Dry ash (ppm)	0171	0.1175	0.0010				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.1144	0.0090				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0941	0.1300	0.0000				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0968	0.1415	0.0010				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					3			5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0910	0.1200	0.0000				2			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.1265	0.0010				2			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.1290	0.0060	0.1315	0.0028	0.0048	4			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0164	0.1295	0.0070	0.1315	0.0028	0.0048	4			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0918	0.1324	0.0022	0.1315	0.0028	0.0048	4			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.1350	0.0040	0.1315	0.0028	0.0048	4			0
518.99	Cadmium, Miscellaneous (ppm)	2302	16.50	3.000				1			0
520.41	Chromium, ICP, Dry ash (ppm)	0407	1.015	0.0075				2			0
520.41	Chromium, ICP, Dry ash (ppm)	0171	1.960	0.0400				2			0
520.42	Chromium, ICP, Open vessel (ppm)	0693	4.499	1.137				2			0
520.42	Chromium, ICP, Open vessel (ppm)	0045	5.100	0.5400				2			0
520.43	Chromium, ICP, Microwave (ppm)	0968	2.573	0.0530				3			0
520.43	Chromium, ICP, Microwave (ppm)	0510	5.105	0.0100				3			0
520.43	Chromium, ICP, Microwave (ppm)	0682	5.580	0.0000				3			0
520.43	Chromium, ICP, Microwave (ppm)	0407	0.7681	0.1842				3			1
520.52	Chromium, ICP-MS, Open vessel (ppm)	0186	1.789	0.0560				1			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0918	2.439	0.2780				3			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0553	4.645	0.3100				3			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0164	5.105	0.3100				3			0
526.31	Lead, AAS, Dry ash (ppm)	0689	< 0.2					0			5
526.41	Lead, ICP, Dry ash (ppm)	0171	0.0890	0.0020				2			0
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1277	0.0494				2			0
526.43	Lead, ICP, Microwave (ppm)	0941	0.1400	0.0000				2			0
526.43	Lead, ICP, Microwave (ppm)	0407	0.1456	0.0605				2			0
526.43	Lead, ICP, Microwave (ppm)	0682	< 3					2			5
526.52	Lead, ICP-MS, Open vessel (ppm)	0910	0.1550	0.0100				1			0
526.53	Lead, ICP-MS, Microwave (ppm)	2053	0.1500	0.0200	0.1595	0.0079	0.0133	5			0
526.53	Lead, ICP-MS, Microwave (ppm)	0553	0.1550	0.0100	0.1595	0.0079	0.0133	5			0
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.1580	0.0100	0.1595	0.0079	0.0133	5			0
526.53	Lead, ICP-MS, Microwave (ppm)	0918	0.1638	0.0016	0.1595	0.0079	0.0133	5			0
526.53	Lead, ICP-MS, Microwave (ppm)	0164	0.1705	0.0250	0.1595	0.0079	0.0133	5			0
526.99	Lead, Miscellaneous (ppm)	2302	3.000	2.000				1			0
529.99	Mercury, Miscellaneous (ppb)	0941	3.900	0.0000				1			0
529.99	Mercury, Miscellaneous (ppb)	2302	< 0.1					1			5
529.99	Mercury, Miscellaneous (ppb)	0164	< 10					1			5

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529.99	Mercury, Miscellaneous (ppb)	0227	< 10					1			5
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					1			5
539.41	Nickel, ICP, Dry ash (ppm)	0171	1.681	0.0470				2			0
539.41	Nickel, ICP, Dry ash (ppm)	0407	1.969	0.0304				2			0
539.43	Nickel, ICP, Microwave (ppm)	0407	2.267	0.0663				2			0
539.43	Nickel, ICP, Microwave (ppm)	0682	3.070	0.0000				2			0
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	1.471	0.0520				1			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0941	1.570	0.0000				3			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0918	2.160	0.1866				3			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0553	2.555	0.0700				3			0
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.0000	0.0000				0			4
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0619	0.0020	0.0000				1			0
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hydrolysis	0619	0.0050	0.0000				1			0
708.01	Capric acid (10:0), Direct Methylation by Alkali Hydrolysis	0619	0.0060	0.0000				1			0
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hydrolysis (	0619	0.0090	0.0000				1			0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005					0			5
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	< 0.02					0			5
714.01	Myristic Acid (14:0), Direct Methylation by Alkali Hydrolysi	0619	0.0180	0.0000				1			0
714.02	Myristic Acid (14:0), Direct Methylation by Acid-Alkali Hyd	0297	0.0135	0.0010				1			0
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.0110	0.0000				1			0
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0164	< 0.02					1			5
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysi	0619	0.8855	0.0050				1			0
716.02	Palmitic Acid (16:0), Direct Methylation by Acid-Alkali Hydı	0297	0.8200	0.0080				1			0
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.7645	0.0250				2			0
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	0.8400	0.1400				2			0
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hyc	0619	0.0240	0.0000				1			0
718.02	Palmitoleic Acid (9c-16:1), Direct Methylation by Acid-Alka	0297	0.0150	0.0000				1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0150	0.0000				1			0
720.02	Margaric acid (17:0), Direct Methylation by Acid-Alkali Hyd	0297	0.0089	0.0002				1			0
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	0619	0.1110	0.0000				1			0
722.02	Stearic Acid (18:0), Direct Methylation by Acid-Alkali Hydr	0297	0.1395	0.0030				1			0
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.1275	0.0050				2			0
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.1400	0.0200				2			0
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysi	0619	1.080	0.0000				1			0
724.02	Oleic Acid (9c-18:1), Direct Methylation by Acid-Alkali Hyd	0297	0.0000	0.0000				0			4
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.9405	0.0190				2			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	0.9450	0.1100				2			0
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hy	0619	2.565	0.0100				1			0
726.02	Linoleic Acid (9c,12c-18:2), Direct Methylation by Acid-Alk	0297	2.385	0.0630				1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	2.105	0.0500				2			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	2.213	0.0120				2			0
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0619	0.1870	0.0020				1			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
728.02	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0297	0.1410	0.0000				1			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0164	0.1200	0.0000				2			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0226	0.1280	0.0000				2			0
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali Hydroly	0619	0.0300	0.0000				1			0
730.02	Arachidic Acid (20:0), Direct Methylation by Acid-Alkali Hy	0297	0.0000	0.0000				0			4
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0145	0.0010				1			0
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	< 0.02					1			5
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alkali Hydr	0619	0.0320	0.0000				1			0
732.02	Gondoic Acid (11c-20:1), Direct Methylation by Acid-Alkali	0297	0.0195	0.0010				1			0
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0195	0.0010				1			0
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0164	< 0.02					1			5
736.01	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Methylation	0619	0.0000	0.0000				0			4
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation by Alkal	0619	0.0000	0.0000				0			4
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Dir	0619	0.0000	0.0000				0			4
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0226	0.0000	0.0000				0			4
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0115	0.0010				1			0
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02					1			5
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkali Hydrol	0619	0.0290	0.0000				1			0
744.02	Erucic Acid (13c-22:1), Direct Methylation by Acid-Alkali H	0297	0.0000	0.0000				0			4
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005					0			5
746.01	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5	0619	0.0000	0.0000				0			4
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5	0226	0.0000	0.0000				0			4
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0130	0.0020				1			0
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0619	0.0000	0.0000				0			4
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0226	< 0.005					0			5
752.01	Nervonic Acid (24:1) isomers, Direct Methylation by Alkali	0619	0.0000	0.0000				0			4
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005					0			5
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscella	0164	0.1250	0.0100				1			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscella	0164	2.120	0.0600				1			0
758.02	Total Saturated Fatty Acids, Direct Methylation by Acid-Alk	0297	0.9891	0.0083				1			0
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.060	0.2000				1			0
762.02	Total Monounsaturated Fatty Acids, Direct Methylation by	0297	1.074	0.0210				1			0
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/	0164	1.055	0.1100				1			0
766.02	Total Polyunsaturated Fatty Acids, Direct Methylation by A	0297	2.613	0.0640				1			0
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/v	0164	2.255	0.0700				1			0
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	4.595	0.3900				1			0
772.02	Total Fatty Acids, Direct Methylation by Acid-Alkali Hydroly	0297	4.677	0.0920				1			0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	4.260	0.0600				2			0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	4.390	0.3800				2			0

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 5 = A reporting limit and 4 = zeros submitted as values. Robust statistics not used if < 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed

Test Material Code # 202024	Method Proficiency Testing Report								Issue Date : 05/31/2020		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			

(Mandel h and k exclusions apply; Grey). Flag 3 indicates not used in statistics.