



AAFCO
Association of American Feed Control Officials



Animal Feed Scheme

Lamb Feed, Medicated

Test Material Code # 202525

Method Proficiency Testing Report

Labs Reporting: 155

Methods Reported 362

Issue Date : 06/30/2025

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	10.17	0.0200				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2492	10.65	0.0200				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0407	10.69	0.0480				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	10.81	0.3500				3			1
001.03	Loss on Drying, Low temp. methods (%)	0202	10.70	0.4000				2			0
001.03	Loss on Drying, Low temp. methods (%)	0843	10.72	0.2000				2			0
001.05	Loss on Drying, LECO (%)	0644	10.65	0.1000				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0010	10.30	0.0000	10.65	0.2314	0.1186	40	-1.53	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	10.30	0.2000	10.65	0.2314	0.1186	40	-1.53	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	10.30	0.2600	10.65	0.2314	0.1186	40	-1.53	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	10.33	0.0000	10.65	0.2314	0.1186	40	-1.40	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	10.36	0.0000	10.65	0.2314	0.1186	40	-1.27	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	10.42	0.1900	10.65	0.2314	0.1186	40	-1.04	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0596	10.45	0.1400	10.65	0.2314	0.1186	40	-0.88	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	10.48	0.0500	10.65	0.2314	0.1186	40	-0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	10.50	0.4000	10.65	0.2314	0.1186	40	-0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	10.51	0.0500	10.65	0.2314	0.1186	40	-0.65	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	10.53	0.0900	10.65	0.2314	0.1186	40	-0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	10.55	0.1000	10.65	0.2314	0.1186	40	-0.45	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	10.55	0.1000	10.65	0.2314	0.1186	40	-0.45	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	10.56	0.1100	10.65	0.2314	0.1186	40	-0.43	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	10.56	0.0400	10.65	0.2314	0.1186	40	-0.41	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0358	10.56	0.4400	10.65	0.2314	0.1186	40	-0.41	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2492	10.57	0.0100	10.65	0.2314	0.1186	40	-0.39	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	10.63	0.5100	10.65	0.2314	0.1186	40	-0.13	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2442	10.65	0.0300	10.65	0.2314	0.1186	40	-0.04	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	10.65	0.1000	10.65	0.2314	0.1186	40	-0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	10.65	0.0108	10.65	0.2314	0.1186	40	0.00	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	10.68	0.1300	10.65	0.2314	0.1186	40	0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	10.68	0.5900	10.65	0.2314	0.1186	40	0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	10.70	0.1400	10.65	0.2314	0.1186	40	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	10.72	0.1000	10.65	0.2314	0.1186	40	0.28	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	10.72	0.2000	10.65	0.2314	0.1186	40	0.28	0%	0

Test Material Code # 202525			Method Proficiency Testing Report						Issue Date : 06/30/2025		
Method	Analyte	Lab	Lab Data		Robust* Method Values				AAFCO PT	Threshold	
Code	Name and Method (Units)	Code	Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	Flag
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	10.75	0.0040	10.65	0.2314	0.1186	40	0.39	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	10.75	0.0200	10.65	0.2314	0.1186	40	0.41	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	10.80	0.0000	10.65	0.2314	0.1186	40	0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	10.83	0.1300	10.65	0.2314	0.1186	40	0.74	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0589	10.84	0.0300	10.65	0.2314	0.1186	40	0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	10.84	0.0700	10.65	0.2314	0.1186	40	0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	10.85	0.1000	10.65	0.2314	0.1186	40	0.84	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	10.87	0.0500	10.65	0.2314	0.1186	40	0.91	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	10.91	0.1300	10.65	0.2314	0.1186	40	1.08	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	10.91	0.1000	10.65	0.2314	0.1186	40	1.10	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	10.98	0.0500	10.65	0.2314	0.1186	40	1.38	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	11.00	0.6000	10.65	0.2314	0.1186	40	1.49	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	11.00	0.0200	10.65	0.2314	0.1186	40	1.49	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	11.50	0.2000	10.65	0.2314	0.1186	40	3.65	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	89.20	0.0400	10.65	0.2314	0.1186	40	>100	369%	2
001.99	Loss on Drying, Miscellaneous (%)	0618	5.455	0.4300	10.72	0.6892	0.1411	15	-7.64	25%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	9.527	0.0037	10.72	0.6892	0.1411	15	-1.73	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0596	10.21	0.2200	10.72	0.6892	0.1411	15	-0.74	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	10.47	0.0200	10.72	0.6892	0.1411	15	-0.36	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	10.49	0.2600	10.72	0.6892	0.1411	15	-0.34	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	10.51	0.0300	10.72	0.6892	0.1411	15	-0.31	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	10.60	0.0000	10.72	0.6892	0.1411	15	-0.18	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	10.61	0.0000	10.72	0.6892	0.1411	15	-0.16	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	10.75	0.1000	10.72	0.6892	0.1411	15	0.04	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	11.07	0.1500	10.72	0.6892	0.1411	15	0.50	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	11.09	0.0500	10.72	0.6892	0.1411	15	0.53	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	11.10	0.3850	10.72	0.6892	0.1411	15	0.55	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	11.10	0.2000	10.72	0.6892	0.1411	15	0.55	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	11.71	0.0400	10.72	0.6892	0.1411	15	1.43	5%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	11.82	0.0509	10.72	0.6892	0.1411	15	1.59	5%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	10.45	0.8600	10.72	0.6892	0.1411	15	-0.39	1%	1
001.99	Loss on Drying, Miscellaneous (%)	0889	99.50	0.0000	10.72	0.6892	0.1411	15	>100	414%	2
002.00	Protein, Crude, Crude (%)	0169	17.25	0.1000				2			0
002.00	Protein, Crude, Crude (%)	2397	17.56	0.1000				2			0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2442	17.21	0.0700	17.76	0.1741	0.0772	14	-3.19	2%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	17.60	0.0700	17.76	0.1741	0.0772	14	-0.95	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2259	17.63	0.0170	17.76	0.1741	0.0772	14	-0.78	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2482	17.65	0.1900	17.76	0.1741	0.0772	14	-0.66	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	17.65	0.0200	17.76	0.1741	0.0772	14	-0.64	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	17.67	0.0000	17.76	0.1741	0.0772	14	-0.52	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0656	17.72	0.0000	17.76	0.1741	0.0772	14	-0.23	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0610	17.83	0.0500	17.76	0.1741	0.0772	14	0.37	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	17.83	0.0900	17.76	0.1741	0.0772	14	0.37	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2434	17.83	0.0000	17.76	0.1741	0.0772	14	0.40	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2457	17.85	0.2180	17.76	0.1741	0.0772	14	0.48	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0674	17.95	0.0000	17.76	0.1741	0.0772	14	1.09	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0968	17.97	0.0800	17.76	0.1741	0.0772	14	1.20	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2325	18.00	0.0200	17.76	0.1741	0.0772	14	1.37	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0910	17.65	0.5000	17.76	0.1741	0.0772	14	-0.64	0%	1
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	17.61	0.1700				2			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	2394	17.64	0.0400				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	17.81	0.1200				1			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2506	17.39	0.2500	17.80	0.2818	0.1524	20	-1.47	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2492	17.50	0.0100	17.80	0.2818	0.1524	20	-1.08	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	17.50	0.1530	17.80	0.2818	0.1524	20	-1.07	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	17.60	0.6000	17.80	0.2818	0.1524	20	-0.71	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	17.60	0.5532	17.80	0.2818	0.1524	20	-0.70	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	17.61	0.3100	17.80	0.2818	0.1524	20	-0.69	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	17.62	0.0100	17.80	0.2818	0.1524	20	-0.65	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	17.65	0.1100	17.80	0.2818	0.1524	20	-0.55	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	17.70	0.1300	17.80	0.2818	0.1524	20	-0.37	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	17.76	0.1100	17.80	0.2818	0.1524	20	-0.16	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	17.82	0.0347	17.80	0.2818	0.1524	20	0.07	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2115	17.84	0.0100	17.80	0.2818	0.1524	20	0.13	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	17.92	0.2400	17.80	0.2818	0.1524	20	0.43	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	17.92	0.1400	17.80	0.2818	0.1524	20	0.43	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2514	17.99	0.1000	17.80	0.2818	0.1524	20	0.68	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	18.00	0.0000	17.80	0.2818	0.1524	20	0.71	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	18.00	0.0000	17.80	0.2818	0.1524	20	0.71	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0941	18.18	0.0300	17.80	0.2818	0.1524	20	1.33	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0563	18.20	0.0345	17.80	0.2818	0.1524	20	1.44	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	18.28	0.3300	17.80	0.2818	0.1524	20	1.69	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0098	17.35	0.1000	18.00	0.2604	0.2026	102	-2.49	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0242	17.43	0.2000	18.00	0.2604	0.2026	102	-2.18	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2184	17.48	0.0500	18.00	0.2604	0.2026	102	-2.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0589	17.50	0.0800	18.00	0.2604	0.2026	102	-1.91	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2303	17.52	0.0100	18.00	0.2604	0.2026	102	-1.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2155	17.54	0.4280	18.00	0.2604	0.2026	102	-1.75	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2168	17.56	0.4200	18.00	0.2604	0.2026	102	-1.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0036	17.62	0.1220	18.00	0.2604	0.2026	102	-1.45	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0853	17.65	0.7000	18.00	0.2604	0.2026	102	-1.34	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2174	17.68	0.2900	18.00	0.2604	0.2026	102	-1.24	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0511	17.69	0.0300	18.00	0.2604	0.2026	102	-1.20	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0675	17.69	0.0500	18.00	0.2604	0.2026	102	-1.20	1%	0

Test Material Code # 202525	Method Proficiency Testing Report	Issue Date : 06/30/2025
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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0941	17.70	0.2500	18.00	0.2604	0.2026	102	-1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0297	17.70	0.2000	18.00	0.2604	0.2026	102	-1.15	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0590	17.70	0.2000	18.00	0.2604	0.2026	102	-1.15	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0354	17.73	0.1500	18.00	0.2604	0.2026	102	-1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0948	17.73	0.1000	18.00	0.2604	0.2026	102	-1.03	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0108	17.75	0.1000	18.00	0.2604	0.2026	102	-0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0278	17.75	0.1000	18.00	0.2604	0.2026	102	-0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2319	17.75	0.1000	18.00	0.2604	0.2026	102	-0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0504	17.77	0.3700	18.00	0.2604	0.2026	102	-0.90	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0571	17.78	0.2000	18.00	0.2604	0.2026	102	-0.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0884	17.80	0.0000	18.00	0.2604	0.2026	102	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0035	17.82	0.2600	18.00	0.2604	0.2026	102	-0.68	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0726	17.85	0.0700	18.00	0.2604	0.2026	102	-0.59	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0692	17.85	0.1000	18.00	0.2604	0.2026	102	-0.57	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0148	17.87	0.2600	18.00	0.2604	0.2026	102	-0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0004	17.88	0.4600	18.00	0.2604	0.2026	102	-0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0010	17.89	0.1350	18.00	0.2604	0.2026	102	-0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0870	17.89	0.3500	18.00	0.2604	0.2026	102	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0018	17.90	0.2100	18.00	0.2604	0.2026	102	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0720	17.90	0.2000	18.00	0.2604	0.2026	102	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0956	17.90	0.4000	18.00	0.2604	0.2026	102	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2388	17.90	0.2000	18.00	0.2604	0.2026	102	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0100	17.92	0.1700	18.00	0.2604	0.2026	102	-0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2150	17.92	0.1500	18.00	0.2604	0.2026	102	-0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0294	17.92	0.1600	18.00	0.2604	0.2026	102	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2115	17.92	0.2000	18.00	0.2604	0.2026	102	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0003	17.94	0.4000	18.00	0.2604	0.2026	102	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0539	17.94	0.2400	18.00	0.2604	0.2026	102	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0038	17.95	0.3000	18.00	0.2604	0.2026	102	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0644	17.95	0.3000	18.00	0.2604	0.2026	102	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0693	17.95	0.3000	18.00	0.2604	0.2026	102	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2349	17.95	0.7000	18.00	0.2604	0.2026	102	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0646	17.96	0.4900	18.00	0.2604	0.2026	102	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0028	17.96	0.0780	18.00	0.2604	0.2026	102	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0144	17.98	0.0900	18.00	0.2604	0.2026	102	-0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0610	17.98	0.0500	18.00	0.2604	0.2026	102	-0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0508	17.98	0.1070	18.00	0.2604	0.2026	102	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0263	17.99	0.0200	18.00	0.2604	0.2026	102	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0510	18.00	0.0000	18.00	0.2604	0.2026	102	0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0541	18.00	0.0800	18.00	0.2604	0.2026	102	0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0848	18.00	0.0000	18.00	0.2604	0.2026	102	0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0910	18.00	0.2000	18.00	0.2604	0.2026	102	0.01	0%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0618	18.01	0.2300	18.00	0.2604	0.2026	102	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0171	18.01	0.0400	18.00	0.2604	0.2026	102	0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0345	18.02	0.1700	18.00	0.2604	0.2026	102	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0353	18.02	0.0300	18.00	0.2604	0.2026	102	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0598	18.02	0.4500	18.00	0.2604	0.2026	102	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0019	18.04	0.0450	18.00	0.2604	0.2026	102	0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0505	18.05	0.0100	18.00	0.2604	0.2026	102	0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0876	18.05	0.3000	18.00	0.2604	0.2026	102	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0045	18.05	0.1000	18.00	0.2604	0.2026	102	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0202	18.05	0.5000	18.00	0.2604	0.2026	102	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0190	18.06	0.0100	18.00	0.2604	0.2026	102	0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0011	18.06	0.1400	18.00	0.2604	0.2026	102	0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0001	18.06	0.1000	18.00	0.2604	0.2026	102	0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0407	18.07	0.3200	18.00	0.2604	0.2026	102	0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0226	18.08	0.2500	18.00	0.2604	0.2026	102	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0042	18.10	0.0000	18.00	0.2604	0.2026	102	0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0872	18.10	0.3600	18.00	0.2604	0.2026	102	0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0074	18.11	0.1700	18.00	0.2604	0.2026	102	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0358	18.12	0.1500	18.00	0.2604	0.2026	102	0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0034	18.13	0.1700	18.00	0.2604	0.2026	102	0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0939	18.14	0.0900	18.00	0.2604	0.2026	102	0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2302	18.14	0.3200	18.00	0.2604	0.2026	102	0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0546	18.15	0.1380	18.00	0.2604	0.2026	102	0.59	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0089	18.16	0.0100	18.00	0.2604	0.2026	102	0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0596	18.17	0.3900	18.00	0.2604	0.2026	102	0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2181	18.17	0.0700	18.00	0.2604	0.2026	102	0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0186	18.18	0.2400	18.00	0.2604	0.2026	102	0.70	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2476	18.19	0.2540	18.00	0.2604	0.2026	102	0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2326	18.22	0.1800	18.00	0.2604	0.2026	102	0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0229	18.26	0.4800	18.00	0.2604	0.2026	102	1.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0015	18.27	0.2300	18.00	0.2604	0.2026	102	1.02	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2268	18.27	0.5000	18.00	0.2604	0.2026	102	1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2459	18.28	0.2400	18.00	0.2604	0.2026	102	1.08	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0968	18.29	0.0400	18.00	0.2604	0.2026	102	1.12	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2076	18.31	0.5240	18.00	0.2604	0.2026	102	1.20	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0083	18.35	0.1100	18.00	0.2604	0.2026	102	1.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0366	18.35	0.1000	18.00	0.2604	0.2026	102	1.35	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0574	18.37	0.0500	18.00	0.2604	0.2026	102	1.41	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2129	18.38	0.2600	18.00	0.2604	0.2026	102	1.48	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2246	18.43	0.2707	18.00	0.2604	0.2026	102	1.66	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0843	18.53	0.0300	18.00	0.2604	0.2026	102	2.02	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0656	18.53	0.0000	18.00	0.2604	0.2026	102	2.04	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2213	18.59	0.3000	18.00	0.2604	0.2026	102	2.27	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0520	18.83	0.4625	18.00	0.2604	0.2026	102	3.18	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0953	18.94	0.2200	18.00	0.2604	0.2026	102	3.62	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0687	18.99	0.0700	18.00	0.2604	0.2026	102	3.79	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0682	19.02	0.0000	18.00	0.2604	0.2026	102	3.92	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2433	20.00	0.4000	18.00	0.2604	0.2026	102	7.69	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0300	17.79	1.140	18.00	0.2604	0.2026	102	-0.80	1%	1
002.08	Protein, Crude, Cu/Ti (%)	0098	17.78	0.1600				2			0
002.08	Protein, Crude, Cu/Ti (%)	0563	18.16	0.0906				2			0
002.10	Protein, Crude, Block dig/distillation (%)	0629	17.91	0.0800				1			0
002.11	Protein, Crude, NIR (%)	2105	16.18	0.0700	17.75	1.366	0.1250	7	-1.15	4%	0
002.11	Protein, Crude, NIR (%)	0297	16.35	0.1100	17.75	1.366	0.1250	7	-1.03	4%	0
002.11	Protein, Crude, NIR (%)	0852	17.15	0.1300	17.75	1.366	0.1250	7	-0.44	2%	0
002.11	Protein, Crude, NIR (%)	0889	18.17	0.2250	17.75	1.366	0.1250	7	0.31	1%	0
002.11	Protein, Crude, NIR (%)	0047	18.40	0.0500	17.75	1.366	0.1250	7	0.47	2%	0
002.11	Protein, Crude, NIR (%)	0553	18.78	0.1700	17.75	1.366	0.1250	7	0.75	3%	0
002.11	Protein, Crude, NIR (%)	2386	19.25	0.1200	17.75	1.366	0.1250	7	1.10	4%	0
002.99	Protein, Crude, Miscellaneous (%)	2066	17.95	0.1000				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	3.075	0.0500	3.500	0.3444	0.0389	10	-1.23	6%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2115	3.170	0.0800	3.500	0.3444	0.0389	10	-0.96	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2457	3.235	0.0100	3.500	0.3444	0.0389	10	-0.77	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2397	3.300	0.1400	3.500	0.3444	0.0389	10	-0.58	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2325	3.415	0.0300	3.500	0.3444	0.0389	10	-0.25	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2442	3.620	0.0200	3.500	0.3444	0.0389	10	0.35	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2394	3.645	0.0700	3.500	0.3444	0.0389	10	0.42	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2482	3.767	0.0160	3.500	0.3444	0.0389	10	0.78	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0035	3.785	0.0100	3.500	0.3444	0.0389	10	0.83	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	3.985	0.0100	3.500	0.3444	0.0389	10	1.41	7%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0504	3.365	0.1500				2			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0563	3.772	0.0103				2			0
003.06	Fat, Crude, Pet Ether (%)	0297	3.200	0.0000	3.557	0.2549	0.0985	18	-1.40	5%	0
003.06	Fat, Crude, Pet Ether (%)	0199	3.210	0.0200	3.557	0.2549	0.0985	18	-1.36	5%	0
003.06	Fat, Crude, Pet Ether (%)	0169	3.235	0.0100	3.557	0.2549	0.0985	18	-1.26	5%	0
003.06	Fat, Crude, Pet Ether (%)	0968	3.285	0.1300	3.557	0.2549	0.0985	18	-1.07	4%	0
003.06	Fat, Crude, Pet Ether (%)	2022	3.415	0.1100	3.557	0.2549	0.0985	18	-0.56	2%	0
003.06	Fat, Crude, Pet Ether (%)	0884	3.500	0.2000	3.557	0.2549	0.0985	18	-0.22	1%	0
003.06	Fat, Crude, Pet Ether (%)	0675	3.520	0.0600	3.557	0.2549	0.0985	18	-0.14	1%	0
003.06	Fat, Crude, Pet Ether (%)	0674	3.540	0.0000	3.557	0.2549	0.0985	18	-0.07	0%	0
003.06	Fat, Crude, Pet Ether (%)	2181	3.540	0.0600	3.557	0.2549	0.0985	18	-0.07	0%	0
003.06	Fat, Crude, Pet Ether (%)	0644	3.545	0.0100	3.557	0.2549	0.0985	18	-0.05	0%	0
003.06	Fat, Crude, Pet Ether (%)	0910	3.585	0.0500	3.557	0.2549	0.0985	18	0.11	0%	0
003.06	Fat, Crude, Pet Ether (%)	2492	3.595	0.0700	3.557	0.2549	0.0985	18	0.15	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
003.06	Fat, Crude, Pet Ether (%)	0294	3.695	0.1100	3.557	0.2549	0.0985	18	0.54	2%	0
003.06	Fat, Crude, Pet Ether (%)	0687	3.765	0.2300	3.557	0.2549	0.0985	18	0.82	3%	0
003.06	Fat, Crude, Pet Ether (%)	0229	3.805	0.2700	3.557	0.2549	0.0985	18	0.97	3%	0
003.06	Fat, Crude, Pet Ether (%)	0689	3.850	0.1000	3.557	0.2549	0.0985	18	1.15	4%	0
003.06	Fat, Crude, Pet Ether (%)	0656	3.860	0.0000	3.557	0.2549	0.0985	18	1.19	4%	0
003.06	Fat, Crude, Pet Ether (%)	0682	3.880	0.0000	3.557	0.2549	0.0985	18	1.27	5%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	3.245	0.6500	3.567	0.2309	0.1882	8	-1.39	5%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0964	3.385	0.0500	3.567	0.2309	0.1882	8	-0.79	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	3.490	0.0000	3.567	0.2309	0.1882	8	-0.33	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2349	3.555	0.0100	3.567	0.2309	0.1882	8	-0.05	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	3.590	0.0600	3.567	0.2309	0.1882	8	0.10	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	3.650	0.1800	3.567	0.2309	0.1882	8	0.36	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2476	3.708	0.1680	3.567	0.2309	0.1882	8	0.61	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	4.590	0.3600	3.567	0.2309	0.1882	8	4.43	14%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0848	3.025	0.0500	3.382	0.2194	0.0865	29	-1.63	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	3.045	0.0100	3.382	0.2194	0.0865	29	-1.54	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	3.115	0.1837	3.382	0.2194	0.0865	29	-1.22	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2514	3.124	0.0223	3.382	0.2194	0.0865	29	-1.18	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2459	3.190	0.4000	3.382	0.2194	0.0865	29	-0.88	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	3.220	0.0400	3.382	0.2194	0.0865	29	-0.74	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0590	3.240	0.1600	3.382	0.2194	0.0865	29	-0.65	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	3.245	0.0500	3.382	0.2194	0.0865	29	-0.63	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	3.255	0.0100	3.382	0.2194	0.0865	29	-0.58	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	3.310	0.0800	3.382	0.2194	0.0865	29	-0.33	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0629	3.310	0.1400	3.382	0.2194	0.0865	29	-0.33	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	3.320	0.0000	3.382	0.2194	0.0865	29	-0.28	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	3.324	0.0020	3.382	0.2194	0.0865	29	-0.27	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	3.325	0.0300	3.382	0.2194	0.0865	29	-0.26	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	3.350	0.1000	3.382	0.2194	0.0865	29	-0.15	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	3.372	0.0205	3.382	0.2194	0.0865	29	-0.05	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	3.400	0.4000	3.382	0.2194	0.0865	29	0.08	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2506	3.430	0.1200	3.382	0.2194	0.0865	29	0.22	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	3.446	0.0293	3.382	0.2194	0.0865	29	0.29	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	3.455	0.1500	3.382	0.2194	0.0865	29	0.33	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	3.470	0.0200	3.382	0.2194	0.0865	29	0.40	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	3.540	0.0200	3.382	0.2194	0.0865	29	0.72	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0720	3.600	0.0400	3.382	0.2194	0.0865	29	0.99	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	3.600	0.0000	3.382	0.2194	0.0865	29	0.99	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0610	3.625	0.0700	3.382	0.2194	0.0865	29	1.11	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	3.640	0.1800	3.382	0.2194	0.0865	29	1.17	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2434	3.650	0.0000	3.382	0.2194	0.0865	29	1.22	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	3.850	0.3000	3.382	0.2194	0.0865	29	2.13	7%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	4.320	0.1000	3.382	0.2194	0.0865	29	4.27	14%	0
003.11	Fat, Crude, NIR (%)	2386	3.030	0.1400	3.568	0.4098	0.0864	7	-1.31	8%	0
003.11	Fat, Crude, NIR (%)	2105	3.120	0.0800	3.568	0.4098	0.0864	7	-1.09	6%	0
003.11	Fat, Crude, NIR (%)	0553	3.565	0.1100	3.568	0.4098	0.0864	7	-0.01	0%	0
003.11	Fat, Crude, NIR (%)	0047	3.710	0.0400	3.568	0.4098	0.0864	7	0.35	2%	0
003.11	Fat, Crude, NIR (%)	0889	3.723	0.0050	3.568	0.4098	0.0864	7	0.38	2%	0
003.11	Fat, Crude, NIR (%)	0297	3.835	0.2100	3.568	0.4098	0.0864	7	0.65	4%	0
003.11	Fat, Crude, NIR (%)	0852	3.990	0.0200	3.568	0.4098	0.0864	7	1.03	6%	0
003.12	Fat, Crude, Hexane Ext (%)	0941	3.280	0.2000	3.513	0.1751	0.1250	4			0
003.12	Fat, Crude, Hexane Ext (%)	2326	3.505	0.0900	3.513	0.1751	0.1250	4			0
003.12	Fat, Crude, Hexane Ext (%)	0171	3.565	0.0100	3.513	0.1751	0.1250	4			0
003.12	Fat, Crude, Hexane Ext (%)	2199	3.700	0.2000	3.513	0.1751	0.1250	4			0
003.12	Fat, Crude, Hexane Ext (%)	2200	4.900	0.0000	3.513	0.1751	0.1250	4			2
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	3.033	0.0087	3.565	0.4256	0.0697	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	3.560	0.1000	3.565	0.4256	0.0697	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0646	3.590	0.1600	3.565	0.4256	0.0697	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0011	4.075	0.0100	3.565	0.4256	0.0697	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	3.930	0.6600	3.565	0.4256	0.0697	4			1
003.14	Fat, Crude, Ankom (%)	0598	1.435	0.0100	3.516	0.2343	0.0823	47	-8.88	30%	0
003.14	Fat, Crude, Ankom (%)	2433	2.880	0.0182	3.516	0.2343	0.0823	47	-2.71	9%	0
003.14	Fat, Crude, Ankom (%)	0108	2.950	0.5600	3.516	0.2343	0.0823	47	-2.42	8%	0
003.14	Fat, Crude, Ankom (%)	0574	3.000	0.2200	3.516	0.2343	0.0823	47	-2.20	7%	0
003.14	Fat, Crude, Ankom (%)	0968	3.110	0.1200	3.516	0.2343	0.0823	47	-1.73	6%	0
003.14	Fat, Crude, Ankom (%)	0019	3.205	0.0100	3.516	0.2343	0.0823	47	-1.33	4%	0
003.14	Fat, Crude, Ankom (%)	2115	3.205	0.0500	3.516	0.2343	0.0823	47	-1.33	4%	0
003.14	Fat, Crude, Ankom (%)	0229	3.300	0.0400	3.516	0.2343	0.0823	47	-0.92	3%	0
003.14	Fat, Crude, Ankom (%)	0876	3.350	0.1000	3.516	0.2343	0.0823	47	-0.71	2%	0
003.14	Fat, Crude, Ankom (%)	0505	3.355	0.0700	3.516	0.2343	0.0823	47	-0.69	2%	0
003.14	Fat, Crude, Ankom (%)	0675	3.355	0.0100	3.516	0.2343	0.0823	47	-0.69	2%	0
003.14	Fat, Crude, Ankom (%)	0171	3.385	0.1300	3.516	0.2343	0.0823	47	-0.56	2%	0
003.14	Fat, Crude, Ankom (%)	0033	3.400	0.0000	3.516	0.2343	0.0823	47	-0.49	2%	0
003.14	Fat, Crude, Ankom (%)	0956	3.400	0.0000	3.516	0.2343	0.0823	47	-0.49	2%	0
003.14	Fat, Crude, Ankom (%)	0682	3.420	0.0000	3.516	0.2343	0.0823	47	-0.41	1%	0
003.14	Fat, Crude, Ankom (%)	0358	3.465	0.1700	3.516	0.2343	0.0823	47	-0.22	1%	0
003.14	Fat, Crude, Ankom (%)	0948	3.485	0.0500	3.516	0.2343	0.0823	47	-0.13	0%	0
003.14	Fat, Crude, Ankom (%)	0581	3.485	0.0100	3.516	0.2343	0.0823	47	-0.13	0%	0
003.14	Fat, Crude, Ankom (%)	0004	3.490	0.1200	3.516	0.2343	0.0823	47	-0.11	0%	0
003.14	Fat, Crude, Ankom (%)	0083	3.490	0.0400	3.516	0.2343	0.0823	47	-0.11	0%	0
003.14	Fat, Crude, Ankom (%)	2076	3.500	0.0805	3.516	0.2343	0.0823	47	-0.07	0%	0
003.14	Fat, Crude, Ankom (%)	0511	3.505	0.0300	3.516	0.2343	0.0823	47	-0.05	0%	0
003.14	Fat, Crude, Ankom (%)	0939	3.510	0.0200	3.516	0.2343	0.0823	47	-0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0034	3.515	0.1300	3.516	0.2343	0.0823	47	0.00	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
003.14	Fat, Crude, Ankom (%)	0144	3.525	0.1700	3.516	0.2343	0.0823	47	0.04	0%	0
003.14	Fat, Crude, Ankom (%)	0202	3.535	0.0700	3.516	0.2343	0.0823	47	0.08	0%	0
003.14	Fat, Crude, Ankom (%)	0089	3.540	0.0400	3.516	0.2343	0.0823	47	0.10	0%	0
003.14	Fat, Crude, Ankom (%)	0035	3.550	0.1600	3.516	0.2343	0.0823	47	0.15	0%	0
003.14	Fat, Crude, Ankom (%)	0853	3.550	0.1000	3.516	0.2343	0.0823	47	0.15	0%	0
003.14	Fat, Crude, Ankom (%)	0407	3.552	0.0145	3.516	0.2343	0.0823	47	0.16	1%	0
003.14	Fat, Crude, Ankom (%)	0186	3.565	0.0500	3.516	0.2343	0.0823	47	0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0066	3.570	0.0600	3.516	0.2343	0.0823	47	0.23	1%	0
003.14	Fat, Crude, Ankom (%)	0190	3.580	0.5000	3.516	0.2343	0.0823	47	0.27	1%	0
003.14	Fat, Crude, Ankom (%)	0148	3.590	0.0200	3.516	0.2343	0.0823	47	0.32	1%	0
003.14	Fat, Crude, Ankom (%)	0009	3.635	0.0300	3.516	0.2343	0.0823	47	0.51	2%	0
003.14	Fat, Crude, Ankom (%)	0074	3.655	0.0300	3.516	0.2343	0.0823	47	0.59	2%	0
003.14	Fat, Crude, Ankom (%)	0563	3.683	0.0183	3.516	0.2343	0.0823	47	0.71	2%	0
003.14	Fat, Crude, Ankom (%)	0001	3.692	0.0380	3.516	0.2343	0.0823	47	0.75	3%	0
003.14	Fat, Crude, Ankom (%)	0692	3.750	0.4400	3.516	0.2343	0.0823	47	1.00	3%	0
003.14	Fat, Crude, Ankom (%)	0520	3.755	0.1700	3.516	0.2343	0.0823	47	1.02	3%	0
003.14	Fat, Crude, Ankom (%)	0510	3.775	0.0500	3.516	0.2343	0.0823	47	1.11	4%	0
003.14	Fat, Crude, Ankom (%)	0278	3.800	0.2000	3.516	0.2343	0.0823	47	1.21	4%	0
003.14	Fat, Crude, Ankom (%)	0848	3.835	0.0700	3.516	0.2343	0.0823	47	1.36	5%	0
003.14	Fat, Crude, Ankom (%)	0028	3.901	0.3960	3.516	0.2343	0.0823	47	1.64	5%	0
003.14	Fat, Crude, Ankom (%)	0860	4.062	0.0000	3.516	0.2343	0.0823	47	2.33	8%	0
003.14	Fat, Crude, Ankom (%)	0726	4.135	0.0700	3.516	0.2343	0.0823	47	2.64	9%	0
003.14	Fat, Crude, Ankom (%)	0226	4.415	0.0100	3.516	0.2343	0.0823	47	3.84	13%	0
003.14	Fat, Crude, Ankom (%)	0003	3.970	1.100	3.516	0.2343	0.0823	47	1.94	6%	1
003.99	Fat, Crude, Miscellaneous (%)	0546	3.030	0.0800				3			0
003.99	Fat, Crude, Miscellaneous (%)	0536	3.515	0.0700				3			0
003.99	Fat, Crude, Miscellaneous (%)	0656	3.860	0.0000				3			0
003.99	Fat, Crude, Miscellaneous (%)	2066	3.735	0.4300				3			1
004.00	Fiber, Crude, Asbestos Free (%)	0169	10.26	0.0600	10.56	0.2745	0.1720	5			0
004.00	Fiber, Crude, Asbestos Free (%)	0186	10.34	0.1500	10.56	0.2745	0.1720	5			0
004.00	Fiber, Crude, Asbestos Free (%)	0171	10.59	0.0500	10.56	0.2745	0.1720	5			0
004.00	Fiber, Crude, Asbestos Free (%)	0345	10.65	0.3000	10.56	0.2745	0.1720	5			0
004.00	Fiber, Crude, Asbestos Free (%)	0884	10.95	0.3000	10.56	0.2745	0.1720	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	10.99	0.2500				2			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	11.46	0.0721				2			0
004.06	Fiber, Crude, Fibertec (%)	2199	8.405	0.5500	10.79	0.6102	0.2482	16	-3.91	11%	0
004.06	Fiber, Crude, Fibertec (%)	0199	10.03	0.0400	10.79	0.6102	0.2482	16	-1.25	4%	0
004.06	Fiber, Crude, Fibertec (%)	2200	10.10	0.0000	10.79	0.6102	0.2482	16	-1.14	3%	0
004.06	Fiber, Crude, Fibertec (%)	2325	10.23	0.0100	10.79	0.6102	0.2482	16	-0.93	3%	0
004.06	Fiber, Crude, Fibertec (%)	0968	10.39	0.4300	10.79	0.6102	0.2482	16	-0.67	2%	0
004.06	Fiber, Crude, Fibertec (%)	0689	10.55	0.3000	10.79	0.6102	0.2482	16	-0.40	1%	0
004.06	Fiber, Crude, Fibertec (%)	0674	10.87	0.0000	10.79	0.6102	0.2482	16	0.13	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
004.06	Fiber, Crude, Fibertec (%)	2506	10.93	0.1700	10.79	0.6102	0.2482	16	0.22	1%	0
004.06	Fiber, Crude, Fibertec (%)	0098	10.98	0.1800	10.79	0.6102	0.2482	16	0.31	1%	0
004.06	Fiber, Crude, Fibertec (%)	0964	11.01	0.2700	10.79	0.6102	0.2482	16	0.35	1%	0
004.06	Fiber, Crude, Fibertec (%)	2006	11.01	0.3300	10.79	0.6102	0.2482	16	0.35	1%	0
004.06	Fiber, Crude, Fibertec (%)	2349	11.05	0.1000	10.79	0.6102	0.2482	16	0.42	1%	0
004.06	Fiber, Crude, Fibertec (%)	0038	11.20	0.4000	10.79	0.6102	0.2482	16	0.67	2%	0
004.06	Fiber, Crude, Fibertec (%)	0720	11.33	0.1100	10.79	0.6102	0.2482	16	0.87	2%	0
004.06	Fiber, Crude, Fibertec (%)	0610	11.58	0.3500	10.79	0.6102	0.2482	16	1.28	4%	0
004.06	Fiber, Crude, Fibertec (%)	0948	11.58	0.2800	10.79	0.6102	0.2482	16	1.29	4%	0
004.07	Fiber, Crude, ANKOM (%)	0598	5.320	0.0400	10.82	0.5318	0.2145	72	-10.33	25%	0
004.07	Fiber, Crude, ANKOM (%)	0202	9.865	0.2300	10.82	0.5318	0.2145	72	-1.79	4%	0
004.07	Fiber, Crude, ANKOM (%)	2259	9.962	0.0650	10.82	0.5318	0.2145	72	-1.61	4%	0
004.07	Fiber, Crude, ANKOM (%)	0596	10.03	0.2600	10.82	0.5318	0.2145	72	-1.48	4%	0
004.07	Fiber, Crude, ANKOM (%)	0644	10.10	0.0000	10.82	0.5318	0.2145	72	-1.34	3%	0
004.07	Fiber, Crude, ANKOM (%)	2514	10.21	0.0500	10.82	0.5318	0.2145	72	-1.15	3%	0
004.07	Fiber, Crude, ANKOM (%)	2482	10.23	0.1500	10.82	0.5318	0.2145	72	-1.11	3%	0
004.07	Fiber, Crude, ANKOM (%)	0004	10.23	0.1800	10.82	0.5318	0.2145	72	-1.10	3%	0
004.07	Fiber, Crude, ANKOM (%)	0098	10.25	0.3900	10.82	0.5318	0.2145	72	-1.07	3%	0
004.07	Fiber, Crude, ANKOM (%)	0019	10.27	0.2100	10.82	0.5318	0.2145	72	-1.03	3%	0
004.07	Fiber, Crude, ANKOM (%)	0226	10.29	0.2100	10.82	0.5318	0.2145	72	-1.00	2%	0
004.07	Fiber, Crude, ANKOM (%)	0100	10.30	0.2600	10.82	0.5318	0.2145	72	-0.97	2%	0
004.07	Fiber, Crude, ANKOM (%)	2181	10.36	0.0300	10.82	0.5318	0.2145	72	-0.87	2%	0
004.07	Fiber, Crude, ANKOM (%)	2190	10.37	0.0200	10.82	0.5318	0.2145	72	-0.84	2%	0
004.07	Fiber, Crude, ANKOM (%)	0028	10.38	0.2940	10.82	0.5318	0.2145	72	-0.81	2%	0
004.07	Fiber, Crude, ANKOM (%)	0407	10.40	0.1164	10.82	0.5318	0.2145	72	-0.78	2%	0
004.07	Fiber, Crude, ANKOM (%)	0148	10.41	0.2100	10.82	0.5318	0.2145	72	-0.77	2%	0
004.07	Fiber, Crude, ANKOM (%)	0229	10.43	0.1300	10.82	0.5318	0.2145	72	-0.73	2%	0
004.07	Fiber, Crude, ANKOM (%)	0692	10.45	0.7000	10.82	0.5318	0.2145	72	-0.69	2%	0
004.07	Fiber, Crude, ANKOM (%)	0083	10.47	0.2300	10.82	0.5318	0.2145	72	-0.66	2%	0
004.07	Fiber, Crude, ANKOM (%)	2193	10.49	0.0300	10.82	0.5318	0.2145	72	-0.62	2%	0
004.07	Fiber, Crude, ANKOM (%)	0956	10.50	0.6000	10.82	0.5318	0.2145	72	-0.59	1%	0
004.07	Fiber, Crude, ANKOM (%)	2009	10.52	0.0026	10.82	0.5318	0.2145	72	-0.55	1%	0
004.07	Fiber, Crude, ANKOM (%)	0066	10.57	0.0400	10.82	0.5318	0.2145	72	-0.46	1%	0
004.07	Fiber, Crude, ANKOM (%)	0848	10.58	0.3400	10.82	0.5318	0.2145	72	-0.44	1%	0
004.07	Fiber, Crude, ANKOM (%)	0939	10.59	0.0300	10.82	0.5318	0.2145	72	-0.43	1%	0
004.07	Fiber, Crude, ANKOM (%)	0294	10.60	0.1900	10.82	0.5318	0.2145	72	-0.41	1%	0
004.07	Fiber, Crude, ANKOM (%)	0726	10.63	0.0100	10.82	0.5318	0.2145	72	-0.36	1%	0
004.07	Fiber, Crude, ANKOM (%)	2022	10.64	0.0100	10.82	0.5318	0.2145	72	-0.34	1%	0
004.07	Fiber, Crude, ANKOM (%)	0278	10.65	0.3000	10.82	0.5318	0.2145	72	-0.31	1%	0
004.07	Fiber, Crude, ANKOM (%)	0505	10.66	0.0100	10.82	0.5318	0.2145	72	-0.30	1%	0
004.07	Fiber, Crude, ANKOM (%)	0553	10.66	0.1400	10.82	0.5318	0.2145	72	-0.29	1%	0
004.07	Fiber, Crude, ANKOM (%)	0520	10.72	0.0200	10.82	0.5318	0.2145	72	-0.18	0%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
004.07	Fiber, Crude, ANKOM (%)	2434	10.75	0.0000	10.82	0.5318	0.2145	72	-0.12	0%	0
004.07	Fiber, Crude, ANKOM (%)	0675	10.78	0.2700	10.82	0.5318	0.2145	72	-0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	0968	10.78	0.0000	10.82	0.5318	0.2145	72	-0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0563	10.79	0.0462	10.82	0.5318	0.2145	72	-0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	2196	10.79	0.0000	10.82	0.5318	0.2145	72	-0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0354	10.81	0.1200	10.82	0.5318	0.2145	72	-0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	0504	10.85	0.0900	10.82	0.5318	0.2145	72	0.06	0%	0
004.07	Fiber, Crude, ANKOM (%)	0511	10.85	0.3000	10.82	0.5318	0.2145	72	0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0035	10.89	0.1700	10.82	0.5318	0.2145	72	0.13	0%	0
004.07	Fiber, Crude, ANKOM (%)	2433	10.89	0.0324	10.82	0.5318	0.2145	72	0.13	0%	0
004.07	Fiber, Crude, ANKOM (%)	0510	10.90	0.0000	10.82	0.5318	0.2145	72	0.16	0%	0
004.07	Fiber, Crude, ANKOM (%)	0910	10.90	0.8000	10.82	0.5318	0.2145	72	0.16	0%	0
004.07	Fiber, Crude, ANKOM (%)	0589	10.97	0.7100	10.82	0.5318	0.2145	72	0.28	1%	0
004.07	Fiber, Crude, ANKOM (%)	2326	11.00	0.0000	10.82	0.5318	0.2145	72	0.35	1%	0
004.07	Fiber, Crude, ANKOM (%)	0089	11.03	0.0400	10.82	0.5318	0.2145	72	0.40	1%	0
004.07	Fiber, Crude, ANKOM (%)	2397	11.07	0.0100	10.82	0.5318	0.2145	72	0.47	1%	0
004.07	Fiber, Crude, ANKOM (%)	0948	11.07	0.1200	10.82	0.5318	0.2145	72	0.48	1%	0
004.07	Fiber, Crude, ANKOM (%)	0536	11.12	0.0000	10.82	0.5318	0.2145	72	0.57	1%	0
004.07	Fiber, Crude, ANKOM (%)	0646	11.12	0.5000	10.82	0.5318	0.2145	72	0.57	1%	0
004.07	Fiber, Crude, ANKOM (%)	0190	11.15	0.1000	10.82	0.5318	0.2145	72	0.63	2%	0
004.07	Fiber, Crude, ANKOM (%)	2188	11.16	0.6900	10.82	0.5318	0.2145	72	0.64	2%	0
004.07	Fiber, Crude, ANKOM (%)	0870	11.26	0.4136	10.82	0.5318	0.2145	72	0.84	2%	0
004.07	Fiber, Crude, ANKOM (%)	0003	11.27	0.0300	10.82	0.5318	0.2145	72	0.85	2%	0
004.07	Fiber, Crude, ANKOM (%)	0045	11.30	1.000	10.82	0.5318	0.2145	72	0.91	2%	0
004.07	Fiber, Crude, ANKOM (%)	0682	11.30	0.0000	10.82	0.5318	0.2145	72	0.91	2%	0
004.07	Fiber, Crude, ANKOM (%)	0876	11.30	0.2000	10.82	0.5318	0.2145	72	0.91	2%	0
004.07	Fiber, Crude, ANKOM (%)	0009	11.31	0.2900	10.82	0.5318	0.2145	72	0.92	2%	0
004.07	Fiber, Crude, ANKOM (%)	0034	11.32	0.3800	10.82	0.5318	0.2145	72	0.95	2%	0
004.07	Fiber, Crude, ANKOM (%)	0300	11.33	1.160	10.82	0.5318	0.2145	72	0.97	2%	0
004.07	Fiber, Crude, ANKOM (%)	2457	11.40	0.0000	10.82	0.5318	0.2145	72	1.10	3%	0
004.07	Fiber, Crude, ANKOM (%)	0581	11.41	0.3900	10.82	0.5318	0.2145	72	1.11	3%	0
004.07	Fiber, Crude, ANKOM (%)	0011	12.30	0.3500	10.82	0.5318	0.2145	72	2.78	7%	0
004.07	Fiber, Crude, ANKOM (%)	0263	12.31	0.0670	10.82	0.5318	0.2145	72	2.82	7%	0
004.07	Fiber, Crude, ANKOM (%)	0042	12.45	0.2800	10.82	0.5318	0.2145	72	3.07	8%	0
004.07	Fiber, Crude, ANKOM (%)	0656	12.74	0.0000	10.82	0.5318	0.2145	72	3.62	9%	0
004.07	Fiber, Crude, ANKOM (%)	0643	12.84	0.0040	10.82	0.5318	0.2145	72	3.80	9%	0
004.07	Fiber, Crude, ANKOM (%)	0074	12.97	1.120	10.82	0.5318	0.2145	72	4.05	10%	0
004.07	Fiber, Crude, ANKOM (%)	0693	14.20	1.200	10.82	0.5318	0.2145	72	6.36	16%	0
004.07	Fiber, Crude, ANKOM (%)	0242	16.90	0.3000	10.82	0.5318	0.2145	72	11.44	28%	0
004.07	Fiber, Crude, ANKOM (%)	0366	11.15	1.700	10.82	0.5318	0.2145	72	0.63	2%	1
004.11	Fiber, Crude, NIR (%)	0047	9.740	0.0000	10.29	0.3805	0.0860	6	-1.44	3%	0
004.11	Fiber, Crude, NIR (%)	0852	10.19	0.0600	10.29	0.3805	0.0860	6	-0.25	0%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
004.11	Fiber, Crude, NIR (%)	0889	10.25	0.1200	10.29	0.3805	0.0860	6	-0.11	0%	0
004.11	Fiber, Crude, NIR (%)	2386	10.34	0.0100	10.29	0.3805	0.0860	6	0.13	0%	0
004.11	Fiber, Crude, NIR (%)	0553	10.45	0.1800	10.29	0.3805	0.0860	6	0.43	1%	0
004.11	Fiber, Crude, NIR (%)	2105	10.76	0.0600	10.29	0.3805	0.0860	6	1.24	2%	0
004.99	Fiber, Crude, Miscellaneous (%)	0629	10.40	0.0000				1			0
005.00	Ash, 2h @ 600°C (%)	0169	6.945	0.1300	7.662	0.3194	0.1164	82	-2.24	5%	0
005.00	Ash, 2h @ 600°C (%)	2184	7.025	0.0900	7.662	0.3194	0.1164	82	-1.99	4%	0
005.00	Ash, 2h @ 600°C (%)	2459	7.080	0.0200	7.662	0.3194	0.1164	82	-1.82	4%	0
005.00	Ash, 2h @ 600°C (%)	0011	7.105	0.1300	7.662	0.3194	0.1164	82	-1.74	4%	0
005.00	Ash, 2h @ 600°C (%)	0598	7.160	0.0200	7.662	0.3194	0.1164	82	-1.57	3%	0
005.00	Ash, 2h @ 600°C (%)	2433	7.164	0.0920	7.662	0.3194	0.1164	82	-1.56	3%	0
005.00	Ash, 2h @ 600°C (%)	0848	7.190	0.1000	7.662	0.3194	0.1164	82	-1.48	3%	0
005.00	Ash, 2h @ 600°C (%)	0539	7.200	0.0200	7.662	0.3194	0.1164	82	-1.45	3%	0
005.00	Ash, 2h @ 600°C (%)	0574	7.265	0.0700	7.662	0.3194	0.1164	82	-1.24	3%	0
005.00	Ash, 2h @ 600°C (%)	2302	7.270	0.0400	7.662	0.3194	0.1164	82	-1.23	3%	0
005.00	Ash, 2h @ 600°C (%)	2022	7.280	0.0200	7.662	0.3194	0.1164	82	-1.19	2%	0
005.00	Ash, 2h @ 600°C (%)	2349	7.280	0.0200	7.662	0.3194	0.1164	82	-1.19	2%	0
005.00	Ash, 2h @ 600°C (%)	2326	7.305	0.2100	7.662	0.3194	0.1164	82	-1.12	2%	0
005.00	Ash, 2h @ 600°C (%)	0964	7.329	0.1200	7.662	0.3194	0.1164	82	-1.04	2%	0
005.00	Ash, 2h @ 600°C (%)	0042	7.335	0.1300	7.662	0.3194	0.1164	82	-1.02	2%	0
005.00	Ash, 2h @ 600°C (%)	0520	7.370	0.0800	7.662	0.3194	0.1164	82	-0.91	2%	0
005.00	Ash, 2h @ 600°C (%)	0108	7.385	0.0100	7.662	0.3194	0.1164	82	-0.87	2%	0
005.00	Ash, 2h @ 600°C (%)	2268	7.390	0.5200	7.662	0.3194	0.1164	82	-0.85	2%	0
005.00	Ash, 2h @ 600°C (%)	2259	7.404	0.0520	7.662	0.3194	0.1164	82	-0.81	2%	0
005.00	Ash, 2h @ 600°C (%)	0682	7.450	0.0000	7.662	0.3194	0.1164	82	-0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	7.470	0.0600	7.662	0.3194	0.1164	82	-0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	2188	7.495	0.0100	7.662	0.3194	0.1164	82	-0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	7.501	0.0415	7.662	0.3194	0.1164	82	-0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	7.505	0.4300	7.662	0.3194	0.1164	82	-0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0089	7.510	0.0000	7.662	0.3194	0.1164	82	-0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	7.515	0.0100	7.662	0.3194	0.1164	82	-0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	2442	7.525	0.0700	7.662	0.3194	0.1164	82	-0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0226	7.535	0.0900	7.662	0.3194	0.1164	82	-0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	2199	7.550	0.1400	7.662	0.3194	0.1164	82	-0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	2066	7.555	0.0900	7.662	0.3194	0.1164	82	-0.33	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	7.571	0.2545	7.662	0.3194	0.1164	82	-0.28	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	7.575	0.0900	7.662	0.3194	0.1164	82	-0.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	7.595	0.5300	7.662	0.3194	0.1164	82	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0366	7.600	0.4000	7.662	0.3194	0.1164	82	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	7.600	0.0000	7.662	0.3194	0.1164	82	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	7.625	0.3900	7.662	0.3194	0.1164	82	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	7.640	0.0000	7.662	0.3194	0.1164	82	-0.07	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0038	7.645	0.0900	7.662	0.3194	0.1164	82	-0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	7.645	0.4900	7.662	0.3194	0.1164	82	-0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	2325	7.650	0.0000	7.662	0.3194	0.1164	82	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	7.655	0.0100	7.662	0.3194	0.1164	82	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	7.670	0.1600	7.662	0.3194	0.1164	82	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	7.670	0.0400	7.662	0.3194	0.1164	82	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0646	7.690	0.2000	7.662	0.3194	0.1164	82	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	7.700	0.1200	7.662	0.3194	0.1164	82	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0853	7.700	0.2000	7.662	0.3194	0.1164	82	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0033	7.700	0.0000	7.662	0.3194	0.1164	82	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	7.725	0.1900	7.662	0.3194	0.1164	82	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0199	7.765	0.0100	7.662	0.3194	0.1164	82	0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0297	7.765	0.4700	7.662	0.3194	0.1164	82	0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	7.775	0.0300	7.662	0.3194	0.1164	82	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	7.790	0.0400	7.662	0.3194	0.1164	82	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	7.797	0.0030	7.662	0.3194	0.1164	82	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0656	7.800	0.0000	7.662	0.3194	0.1164	82	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	2200	7.800	0.0000	7.662	0.3194	0.1164	82	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	7.820	0.0200	7.662	0.3194	0.1164	82	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	7.835	0.1300	7.662	0.3194	0.1164	82	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	7.849	0.2407	7.662	0.3194	0.1164	82	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	7.850	0.5000	7.662	0.3194	0.1164	82	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	7.882	0.1939	7.662	0.3194	0.1164	82	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	2246	7.887	0.0726	7.662	0.3194	0.1164	82	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	7.905	0.1700	7.662	0.3194	0.1164	82	0.76	2%	0
005.00	Ash, 2h @ 600°C (%)	2181	7.915	0.0300	7.662	0.3194	0.1164	82	0.79	2%	0
005.00	Ash, 2h @ 600°C (%)	0242	7.925	0.2100	7.662	0.3194	0.1164	82	0.82	2%	0
005.00	Ash, 2h @ 600°C (%)	2115	7.935	0.0300	7.662	0.3194	0.1164	82	0.86	2%	0
005.00	Ash, 2h @ 600°C (%)	0968	7.940	0.0000	7.662	0.3194	0.1164	82	0.87	2%	0
005.00	Ash, 2h @ 600°C (%)	0144	7.945	0.0100	7.662	0.3194	0.1164	82	0.89	2%	0
005.00	Ash, 2h @ 600°C (%)	0693	7.950	0.1000	7.662	0.3194	0.1164	82	0.90	2%	0
005.00	Ash, 2h @ 600°C (%)	0948	7.950	0.2400	7.662	0.3194	0.1164	82	0.90	2%	0
005.00	Ash, 2h @ 600°C (%)	2397	7.955	0.0900	7.662	0.3194	0.1164	82	0.92	2%	0
005.00	Ash, 2h @ 600°C (%)	0171	7.985	0.1900	7.662	0.3194	0.1164	82	1.01	2%	0
005.00	Ash, 2h @ 600°C (%)	0278	7.990	0.1600	7.662	0.3194	0.1164	82	1.03	2%	0
005.00	Ash, 2h @ 600°C (%)	2476	7.991	0.0580	7.662	0.3194	0.1164	82	1.03	2%	0
005.00	Ash, 2h @ 600°C (%)	2506	8.040	0.1000	7.662	0.3194	0.1164	82	1.18	2%	0
005.00	Ash, 2h @ 600°C (%)	0353	8.065	0.1300	7.662	0.3194	0.1164	82	1.26	3%	0
005.00	Ash, 2h @ 600°C (%)	0674	8.070	0.0000	7.662	0.3194	0.1164	82	1.28	3%	0
005.00	Ash, 2h @ 600°C (%)	2457	8.075	0.0900	7.662	0.3194	0.1164	82	1.29	3%	0
005.00	Ash, 2h @ 600°C (%)	2193	8.090	0.0800	7.662	0.3194	0.1164	82	1.34	3%	0
005.00	Ash, 2h @ 600°C (%)	2076	8.126	0.1112	7.662	0.3194	0.1164	82	1.45	3%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	2150	8.320	0.1600	7.662	0.3194	0.1164	82	2.06	4%	0
005.00	Ash, 2h @ 600°C (%)	0345	9.770	0.2600	7.662	0.3194	0.1164	82	6.60	14%	0
005.00	Ash, 2h @ 600°C (%)	2434	10.84	0.0000	7.662	0.3194	0.1164	82	9.95	21%	0
005.00	Ash, 2h @ 600°C (%)	0045	7.655	0.6900	7.662	0.3194	0.1164	82	-0.02	0%	1
005.00	Ash, 2h @ 600°C (%)	0618	11.44	0.5100	7.662	0.3194	0.1164	82	11.82	25%	2
005.02	Ash, LECO (%)	0644	8.050	0.0000				1			0
005.03	Ash, Microwave furnace (%)	0511	7.300	0.0000				1			0
005.05	Ash, 3h @ 550°C (%)	0003	7.440	0.1200	7.964	0.2125	0.0737	23	-2.46	3%	0
005.05	Ash, 3h @ 550°C (%)	0263	7.472	0.0010	7.964	0.2125	0.0737	23	-2.32	3%	0
005.05	Ash, 3h @ 550°C (%)	0726	7.515	0.0100	7.964	0.2125	0.0737	23	-2.11	3%	0
005.05	Ash, 3h @ 550°C (%)	2168	7.750	0.0600	7.964	0.2125	0.0737	23	-1.01	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	7.795	0.1500	7.964	0.2125	0.0737	23	-0.79	1%	0
005.05	Ash, 3h @ 550°C (%)	2009	7.817	0.0329	7.964	0.2125	0.0737	23	-0.69	1%	0
005.05	Ash, 3h @ 550°C (%)	0034	7.871	0.1082	7.964	0.2125	0.0737	23	-0.44	1%	0
005.05	Ash, 3h @ 550°C (%)	2442	7.885	0.0300	7.964	0.2125	0.0737	23	-0.37	0%	0
005.05	Ash, 3h @ 550°C (%)	0066	7.900	0.0200	7.964	0.2125	0.0737	23	-0.30	0%	0
005.05	Ash, 3h @ 550°C (%)	2492	7.905	0.0100	7.964	0.2125	0.0737	23	-0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	7.970	0.0200	7.964	0.2125	0.0737	23	0.03	0%	0
005.05	Ash, 3h @ 550°C (%)	0643	7.992	0.1360	7.964	0.2125	0.0737	23	0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	8.010	0.0200	7.964	0.2125	0.0737	23	0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	8.045	0.0100	7.964	0.2125	0.0737	23	0.38	1%	0
005.05	Ash, 3h @ 550°C (%)	0596	8.065	0.0500	7.964	0.2125	0.0737	23	0.48	1%	0
005.05	Ash, 3h @ 550°C (%)	0939	8.070	0.1400	7.964	0.2125	0.0737	23	0.50	1%	0
005.05	Ash, 3h @ 550°C (%)	2482	8.086	0.1320	7.964	0.2125	0.0737	23	0.58	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	8.090	0.0000	7.964	0.2125	0.0737	23	0.59	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	8.115	0.0300	7.964	0.2125	0.0737	23	0.71	1%	0
005.05	Ash, 3h @ 550°C (%)	2190	8.150	0.3800	7.964	0.2125	0.0737	23	0.88	1%	0
005.05	Ash, 3h @ 550°C (%)	0941	8.200	0.3000	7.964	0.2125	0.0737	23	1.11	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	8.234	0.0830	7.964	0.2125	0.0737	23	1.27	2%	0
005.05	Ash, 3h @ 550°C (%)	2246	8.341	0.1078	7.964	0.2125	0.0737	23	1.78	2%	0
005.05	Ash, 3h @ 550°C (%)	0692	7.700	0.8200	7.964	0.2125	0.0737	23	-1.24	2%	1
005.11	Ash, NIR (%)	0297	5.790	0.4200	7.565	1.990	0.1642	6	-0.89	12%	0
005.11	Ash, NIR (%)	0852	6.595	0.2100	7.565	1.990	0.1642	6	-0.49	6%	0
005.11	Ash, NIR (%)	0047	6.645	0.0500	7.565	1.990	0.1642	6	-0.46	6%	0
005.11	Ash, NIR (%)	2105	6.985	0.0100	7.565	1.990	0.1642	6	-0.29	4%	0
005.11	Ash, NIR (%)	0889	8.938	0.0450	7.565	1.990	0.1642	6	0.69	9%	0
005.11	Ash, NIR (%)	2386	10.44	0.2500	7.565	1.990	0.1642	6	1.44	19%	0
005.99	Ash, Miscellaneous (%)	0019	7.050	0.0000	7.968	0.2648	0.1317	8	-3.47	6%	0
005.99	Ash, Miscellaneous (%)	2319	7.750	0.1000	7.968	0.2648	0.1317	8	-0.82	1%	0
005.99	Ash, Miscellaneous (%)	0546	7.910	0.1400	7.968	0.2648	0.1317	8	-0.22	0%	0
005.99	Ash, Miscellaneous (%)	0884	8.000	0.0000	7.968	0.2648	0.1317	8	0.12	0%	0
005.99	Ash, Miscellaneous (%)	0629	8.010	0.0200	7.968	0.2648	0.1317	8	0.16	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
005.99	Ash, Miscellaneous (%)	0202	8.020	0.2200	7.968	0.2648	0.1317	8	0.20	0%	0
005.99	Ash, Miscellaneous (%)	0910	8.150	0.3000	7.968	0.2648	0.1317	8	0.69	1%	0
005.99	Ash, Miscellaneous (%)	0536	8.335	0.0100	7.968	0.2648	0.1317	8	1.38	2%	0
006.00	Total Sugars, As sucrose (%)	0910	4.785	0.0500				2			0
006.00	Total Sugars, As sucrose (%)	0407	5.259	0.0680				2			0
006.03	Total Sugars, Invert w/o Invrn (%)	0941	4.200	0.0800				1			0
006.99	Total Sugars, Miscellaneous (%)	0226	3.635	0.0500	9.953	6.321	0.6999	4			0
006.99	Total Sugars, Miscellaneous (%)	0956	5.800	0.6000	9.953	6.321	0.6999	4			0
006.99	Total Sugars, Miscellaneous (%)	2066	13.21	1.290	9.953	6.321	0.6999	4			0
006.99	Total Sugars, Miscellaneous (%)	2246	17.17	0.8596	9.953	6.321	0.6999	4			0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	14.47	0.3200	15.17	0.5280	0.3217	11	-1.33	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	14.80	0.0000	15.17	0.5280	0.3217	11	-0.70	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	14.87	0.0700	15.17	0.5280	0.3217	11	-0.58	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	14.88	0.2400	15.17	0.5280	0.3217	11	-0.55	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	14.91	0.3734	15.17	0.5280	0.3217	11	-0.50	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	15.07	0.3900	15.17	0.5280	0.3217	11	-0.20	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	15.14	0.5100	15.17	0.5280	0.3217	11	-0.07	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	15.38	0.4000	15.17	0.5280	0.3217	11	0.40	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0171	15.56	0.2300	15.17	0.5280	0.3217	11	0.73	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	15.85	0.3000	15.17	0.5280	0.3217	11	1.29	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	16.35	0.3200	15.17	0.5280	0.3217	11	2.24	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	12.84	0.4460	14.55	0.9260	0.3257	41	-1.84	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	13.24	1.210	14.55	0.9260	0.3257	41	-1.42	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	13.25	0.3000	14.55	0.9260	0.3257	41	-1.40	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	13.45	0.1000	14.55	0.9260	0.3257	41	-1.19	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	13.52	0.1500	14.55	0.9260	0.3257	41	-1.12	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	13.61	0.3000	14.55	0.9260	0.3257	41	-1.01	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	13.70	0.0700	14.55	0.9260	0.3257	41	-0.92	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2457	13.71	0.1000	14.55	0.9260	0.3257	41	-0.91	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	13.82	0.8388	14.55	0.9260	0.3257	41	-0.79	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	13.84	0.0000	14.55	0.9260	0.3257	41	-0.77	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	13.85	0.3200	14.55	0.9260	0.3257	41	-0.76	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	13.92	0.8500	14.55	0.9260	0.3257	41	-0.69	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0656	13.98	0.0000	14.55	0.9260	0.3257	41	-0.62	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	14.02	0.8600	14.55	0.9260	0.3257	41	-0.57	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	14.06	0.2800	14.55	0.9260	0.3257	41	-0.53	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	14.10	0.4700	14.55	0.9260	0.3257	41	-0.49	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	14.17	0.2400	14.55	0.9260	0.3257	41	-0.41	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2433	14.28	0.3455	14.55	0.9260	0.3257	41	-0.29	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	14.39	0.1800	14.55	0.9260	0.3257	41	-0.17	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	14.50	0.0400	14.55	0.9260	0.3257	41	-0.05	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0366	14.55	0.1000	14.55	0.9260	0.3257	41	0.00	0%	0

Test Material Code # 202525

Method Proficiency Testing Report

Issue Date : 06/30/2025

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	14.60	0.2800	14.55	0.9260	0.3257	41	0.05	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	14.63	1.003	14.55	0.9260	0.3257	41	0.08	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	14.75	0.1000	14.55	0.9260	0.3257	41	0.22	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	14.90	0.6000	14.55	0.9260	0.3257	41	0.38	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	14.96	0.0920	14.55	0.9260	0.3257	41	0.45	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	15.00	0.3100	14.55	0.9260	0.3257	41	0.48	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	15.01	0.0400	14.55	0.9260	0.3257	41	0.50	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	15.07	0.3200	14.55	0.9260	0.3257	41	0.56	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0596	15.19	0.1300	14.55	0.9260	0.3257	41	0.69	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	15.25	0.3000	14.55	0.9260	0.3257	41	0.76	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	15.25	0.5000	14.55	0.9260	0.3257	41	0.76	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	15.40	0.0000	14.55	0.9260	0.3257	41	0.92	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0682	15.50	0.0000	14.55	0.9260	0.3257	41	1.03	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0646	15.60	0.9100	14.55	0.9260	0.3257	41	1.13	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	15.61	0.1240	14.55	0.9260	0.3257	41	1.14	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	15.61	0.4200	14.55	0.9260	0.3257	41	1.15	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	15.63	0.5800	14.55	0.9260	0.3257	41	1.17	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2514	15.72	0.0806	14.55	0.9260	0.3257	41	1.26	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	15.84	0.0000	14.55	0.9260	0.3257	41	1.39	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	16.16	0.0300	14.55	0.9260	0.3257	41	1.73	6%	0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0629	14.65	0.1000				2			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	14.85	0.5000				2			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0345	25.25	0.3000	28.91	2.644	0.5049	10	-1.38	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2246	26.22	0.0390	28.91	2.644	0.5049	10	-1.02	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0910	26.40	0.6000	28.91	2.644	0.5049	10	-0.95	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0353	27.56	1.300	28.91	2.644	0.5049	10	-0.51	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0098	29.65	0.9000	28.91	2.644	0.5049	10	0.28	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0610	30.25	0.3000	28.91	2.644	0.5049	10	0.51	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0948	30.26	0.4800	28.91	2.644	0.5049	10	0.51	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0226	30.43	0.4000	28.91	2.644	0.5049	10	0.58	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0674	31.50	0.0000	28.91	2.644	0.5049	10	0.98	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0689	31.55	0.5000	28.91	2.644	0.5049	10	1.00	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	26.92	0.2300	28.79	0.9717	0.2835	36	-1.92	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0656	27.32	0.0000	28.79	0.9717	0.2835	36	-1.51	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	27.45	0.5000	28.79	0.9717	0.2835	36	-1.37	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2433	27.54	0.0660	28.79	0.9717	0.2835	36	-1.28	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	27.92	0.1260	28.79	0.9717	0.2835	36	-0.89	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	27.93	0.0100	28.79	0.9717	0.2835	36	-0.89	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	28.00	0.0789	28.79	0.9717	0.2835	36	-0.81	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	28.04	0.4300	28.79	0.9717	0.2835	36	-0.77	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0366	28.20	0.4000	28.79	0.9717	0.2835	36	-0.60	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	28.35	0.1890	28.79	0.9717	0.2835	36	-0.45	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0596	28.37	0.3600	28.79	0.9717	0.2835	36	-0.43	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0083	28.43	0.1400	28.79	0.9717	0.2835	36	-0.37	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0675	28.43	0.1200	28.79	0.9717	0.2835	36	-0.37	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0948	28.43	0.1000	28.79	0.9717	0.2835	36	-0.37	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2514	28.51	0.1684	28.79	0.9717	0.2835	36	-0.28	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0035	28.53	0.7300	28.79	0.9717	0.2835	36	-0.27	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0939	28.58	0.6400	28.79	0.9717	0.2835	36	-0.21	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0956	28.60	0.6000	28.79	0.9717	0.2835	36	-0.19	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0294	28.64	0.1800	28.79	0.9717	0.2835	36	-0.15	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0510	28.70	0.0000	28.79	0.9717	0.2835	36	-0.09	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2196	28.76	0.0000	28.79	0.9717	0.2835	36	-0.03	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2190	28.77	0.0700	28.79	0.9717	0.2835	36	-0.02	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0045	28.90	0.2000	28.79	0.9717	0.2835	36	0.12	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0278	28.95	0.7000	28.79	0.9717	0.2835	36	0.17	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0066	29.08	0.1100	28.79	0.9717	0.2835	36	0.30	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0581	29.13	0.5200	28.79	0.9717	0.2835	36	0.35	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0407	29.56	0.3901	28.79	0.9717	0.2835	36	0.79	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0297	29.70	1.000	28.79	0.9717	0.2835	36	0.94	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0682	29.70	0.0000	28.79	0.9717	0.2835	36	0.94	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0536	29.81	0.3900	28.79	0.9717	0.2835	36	1.05	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0354	29.91	0.1200	28.79	0.9717	0.2835	36	1.16	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0968	29.98	0.0000	28.79	0.9717	0.2835	36	1.23	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0848	30.06	0.1400	28.79	0.9717	0.2835	36	1.31	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2457	30.20	0.4000	28.79	0.9717	0.2835	36	1.46	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0190	33.17	0.1100	28.79	0.9717	0.2835	36	4.51	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0726	33.17	0.1100	28.79	0.9717	0.2835	36	4.51	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0646	28.17	1.370	28.79	0.9717	0.2835	36	-0.64	1%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	27.95	0.1000				2			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0629	28.80	0.4000				2			0
010.03	Moisture, Karl-Fischer (%)	2394	6.728	0.4120				2			0
010.03	Moisture, Karl-Fischer (%)	0843	11.33	0.2600				2			0
010.11	Moisture, NIR (%)	2105	8.840	0.0400	10.42	0.8863	0.0384	6	-1.78	8%	0
010.11	Moisture, NIR (%)	0852	10.13	0.0900	10.42	0.8863	0.0384	6	-0.33	1%	0
010.11	Moisture, NIR (%)	0889	10.21	0.0250	10.42	0.8863	0.0384	6	-0.24	1%	0
010.11	Moisture, NIR (%)	0047	10.90	0.0100	10.42	0.8863	0.0384	6	0.54	2%	0
010.11	Moisture, NIR (%)	2386	11.06	0.0400	10.42	0.8863	0.0384	6	0.72	3%	0
010.11	Moisture, NIR (%)	0553	11.14	0.0400	10.42	0.8863	0.0384	6	0.81	3%	0
010.99	Moisture, Miscellaneous (%)	0726	8.195	0.0100	10.62	0.4717	0.0888	17	-5.15	11%	0
010.99	Moisture, Miscellaneous (%)	0019	10.07	0.0300	10.62	0.4717	0.0888	17	-1.18	3%	0
010.99	Moisture, Miscellaneous (%)	0546	10.08	0.1500	10.62	0.4717	0.0888	17	-1.16	3%	0
010.99	Moisture, Miscellaneous (%)	0692	10.28	0.1600	10.62	0.4717	0.0888	17	-0.73	2%	0
010.99	Moisture, Miscellaneous (%)	2115	10.38	0.0000	10.62	0.4717	0.0888	17	-0.51	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
010.99	Moisture, Miscellaneous (%)	2506	10.42	0.1000	10.62	0.4717	0.0888	17	-0.43	1%	0
010.99	Moisture, Miscellaneous (%)	0948	10.51	0.0300	10.62	0.4717	0.0888	17	-0.25	1%	0
010.99	Moisture, Miscellaneous (%)	0939	10.57	0.0200	10.62	0.4717	0.0888	17	-0.11	0%	0
010.99	Moisture, Miscellaneous (%)	0034	10.58	0.0000	10.62	0.4717	0.0888	17	-0.09	0%	0
010.99	Moisture, Miscellaneous (%)	0852	10.61	0.0000	10.62	0.4717	0.0888	17	-0.03	0%	0
010.99	Moisture, Miscellaneous (%)	2150	10.77	0.2700	10.62	0.4717	0.0888	17	0.30	1%	0
010.99	Moisture, Miscellaneous (%)	0964	10.80	0.2290	10.62	0.4717	0.0888	17	0.37	1%	0
010.99	Moisture, Miscellaneous (%)	2076	10.86	0.0600	10.62	0.4717	0.0888	17	0.50	1%	0
010.99	Moisture, Miscellaneous (%)	0884	11.10	0.0000	10.62	0.4717	0.0888	17	1.01	2%	0
010.99	Moisture, Miscellaneous (%)	0190	11.13	0.0300	10.62	0.4717	0.0888	17	1.07	2%	0
010.99	Moisture, Miscellaneous (%)	0011	11.20	0.1000	10.62	0.4717	0.0888	17	1.23	3%	0
010.99	Moisture, Miscellaneous (%)	2476	11.95	0.0350	10.62	0.4717	0.0888	17	2.82	6%	0
010.99	Moisture, Miscellaneous (%)	2129	9.831	0.5580	10.62	0.4717	0.0888	17	-1.68	4%	1
011.01	Loss on Drying, HT, 135°C 2hr (%)	2199	9.915	0.3300	11.50	0.3654	0.0967	60	-4.35	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2200	10.00	0.0000	11.50	0.3654	0.0967	60	-4.11	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2394	10.62	0.0300	11.50	0.3654	0.0967	60	-2.43	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2246	10.66	0.1542	11.50	0.3654	0.0967	60	-2.30	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2326	10.82	0.1100	11.50	0.3654	0.0967	60	-1.88	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2457	10.86	0.0100	11.50	0.3654	0.0967	60	-1.77	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	10.89	0.0400	11.50	0.3654	0.0967	60	-1.68	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0563	11.06	0.1172	11.50	0.3654	0.0967	60	-1.21	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	11.07	0.0800	11.50	0.3654	0.0967	60	-1.19	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0520	11.10	0.0500	11.50	0.3654	0.0967	60	-1.12	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	11.13	0.0100	11.50	0.3654	0.0967	60	-1.03	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2325	11.15	0.0100	11.50	0.3654	0.0967	60	-0.98	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	11.17	0.1600	11.50	0.3654	0.0967	60	-0.91	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	11.22	0.2100	11.50	0.3654	0.0967	60	-0.79	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	11.25	0.0000	11.50	0.3654	0.0967	60	-0.69	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	11.28	0.0400	11.50	0.3654	0.0967	60	-0.61	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0553	11.33	0.1700	11.50	0.3654	0.0967	60	-0.49	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2174	11.35	0.0700	11.50	0.3654	0.0967	60	-0.43	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	11.42	0.1200	11.50	0.3654	0.0967	60	-0.23	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0646	11.43	0.1300	11.50	0.3654	0.0967	60	-0.21	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2397	11.46	0.2500	11.50	0.3654	0.0967	60	-0.13	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	11.46	0.0900	11.50	0.3654	0.0967	60	-0.12	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0860	11.47	0.0000	11.50	0.3654	0.0967	60	-0.09	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	11.47	0.0000	11.50	0.3654	0.0967	60	-0.09	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	11.48	0.0700	11.50	0.3654	0.0967	60	-0.08	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2433	11.48	0.0841	11.50	0.3654	0.0967	60	-0.07	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	11.49	0.1700	11.50	0.3654	0.0967	60	-0.05	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	11.49	0.0000	11.50	0.3654	0.0967	60	-0.04	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	11.51	0.0700	11.50	0.3654	0.0967	60	0.01	0%	0

Test Material Code # 202525			Method Proficiency Testing Report						Issue Date : 06/30/2025		
Method	Analyte	Lab	Lab Data		Robust* Method Values				AAFCO PT	Threshold	
Code	Name and Method (Units)	Code	Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	Flag
011.01	Loss on Drying, HT, 135°C 2hr (%)	2302	11.51	0.1900	11.50	0.3654	0.0967	60	0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	11.52	0.0100	11.50	0.3654	0.0967	60	0.03	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2482	11.52	0.0500	11.50	0.3654	0.0967	60	0.03	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	11.56	0.1300	11.50	0.3654	0.0967	60	0.14	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	11.57	0.0000	11.50	0.3654	0.0967	60	0.18	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	11.58	0.0000	11.50	0.3654	0.0967	60	0.21	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	11.60	0.0000	11.50	0.3654	0.0967	60	0.27	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	11.61	0.0800	11.50	0.3654	0.0967	60	0.29	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	11.62	0.0900	11.50	0.3654	0.0967	60	0.31	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	11.62	0.0400	11.50	0.3654	0.0967	60	0.32	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0848	11.64	0.0600	11.50	0.3654	0.0967	60	0.37	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2268	11.65	0.4000	11.50	0.3654	0.0967	60	0.40	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2066	11.67	0.0200	11.50	0.3654	0.0967	60	0.46	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	11.72	0.2100	11.50	0.3654	0.0967	60	0.58	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	11.72	0.0100	11.50	0.3654	0.0967	60	0.58	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	11.73	0.0900	11.50	0.3654	0.0967	60	0.61	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	11.73	0.0100	11.50	0.3654	0.0967	60	0.61	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2006	11.74	0.0500	11.50	0.3654	0.0967	60	0.63	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	11.75	0.2600	11.50	0.3654	0.0967	60	0.68	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	11.83	0.0400	11.50	0.3654	0.0967	60	0.89	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	11.83	0.3200	11.50	0.3654	0.0967	60	0.89	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2434	11.85	0.0000	11.50	0.3654	0.0967	60	0.95	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	11.85	0.1888	11.50	0.3654	0.0967	60	0.95	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	11.89	0.0600	11.50	0.3654	0.0967	60	1.06	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0948	11.90	0.0500	11.50	0.3654	0.0967	60	1.07	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	11.94	0.0280	11.50	0.3654	0.0967	60	1.20	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2459	11.99	0.1300	11.50	0.3654	0.0967	60	1.32	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	12.13	0.0800	11.50	0.3654	0.0967	60	1.72	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2184	12.22	0.0900	11.50	0.3654	0.0967	60	1.95	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	12.26	0.1500	11.50	0.3654	0.0967	60	2.06	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2022	12.47	0.0200	11.50	0.3654	0.0967	60	2.65	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	11.08	0.5300	11.50	0.3654	0.0967	60	-1.17	2%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	10.98	0.2600				1			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2388	10.43	0.2600	10.94	0.4251	0.1558	5			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	0852	10.61	0.0000	10.94	0.4251	0.1558	5			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2174	10.93	0.0900	10.94	0.4251	0.1558	5			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2168	11.32	0.0990	10.94	0.4251	0.1558	5			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2303	11.40	0.1740	10.94	0.4251	0.1558	5			0
012.00	Starch, Polarimetric (Ewers) (%)	0939	19.59	0.8200	21.03	0.6725	0.2852	12	-2.14	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	20.07	0.0000	21.03	0.6725	0.2852	12	-1.43	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0848	20.57	0.2700	21.03	0.6725	0.2852	12	-0.69	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	20.75	0.3000	21.03	0.6725	0.2852	12	-0.42	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
012.00	Starch, Polarimetric (Ewers) (%)	0910	21.00	0.2000	21.03	0.6725	0.2852	12	-0.04	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	21.10	0.0400	21.03	0.6725	0.2852	12	0.10	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2319	21.20	0.2000	21.03	0.6725	0.2852	12	0.25	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	21.25	0.1000	21.03	0.6725	0.2852	12	0.33	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	21.29	0.0112	21.03	0.6725	0.2852	12	0.39	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	21.55	0.5000	21.03	0.6725	0.2852	12	0.77	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	21.57	0.8400	21.03	0.6725	0.2852	12	0.80	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	21.99	0.0800	21.03	0.6725	0.2852	12	1.43	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0596	17.30	1.200	18.38	1.081	0.6040	8	-1.00	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0870	17.40	0.0726	18.38	1.081	0.6040	8	-0.91	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0956	17.50	0.4000	18.38	1.081	0.6040	8	-0.82	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0407	18.37	0.7396	18.38	1.081	0.6040	8	-0.01	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0148	18.56	0.6300	18.38	1.081	0.6040	8	0.16	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0366	18.75	1.300	18.38	1.081	0.6040	8	0.34	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0171	19.20	0.2900	18.38	1.081	0.6040	8	0.75	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0910	20.00	0.2000	18.38	1.081	0.6040	8	1.50	4%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0407	18.35	0.0126				2			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0297	18.74	0.8900				2			0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0510	17.50	0.2000	18.53	0.7977	0.4834	9	-1.29	3%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	2129	17.84	0.2930	18.53	0.7977	0.4834	9	-0.87	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0948	17.95	0.5300	18.53	0.7977	0.4834	9	-0.73	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0674	18.32	0.0000	18.53	0.7977	0.4834	9	-0.26	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0693	18.55	0.1000	18.53	0.7977	0.4834	9	0.03	0%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0278	18.70	1.400	18.53	0.7977	0.4834	9	0.22	0%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0045	18.90	1.000	18.53	0.7977	0.4834	9	0.47	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0226	19.49	0.4000	18.53	0.7977	0.4834	9	1.21	3%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0098	19.50	0.2000	18.53	0.7977	0.4834	9	1.22	3%	0
012.11	Starch, NIR (%)	0889	22.09	0.1700				3			0
012.11	Starch, NIR (%)	0852	25.36	0.1900				3			0
012.11	Starch, NIR (%)	0297	26.82	0.0500				3			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	18.10	0.1300				1			0
012.99	Starch, Miscellaneous (%)	0066	18.30	0.3800				1			0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0618	2.460	0.3400	4.368	0.5553	0.1819	18	-3.44	22%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2076	3.751	0.5018	4.368	0.5553	0.1819	18	-1.11	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0941	3.780	0.0000	4.368	0.5553	0.1819	18	-1.06	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2115	3.870	0.0800	4.368	0.5553	0.1819	18	-0.90	6%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0083	4.090	0.0200	4.368	0.5553	0.1819	18	-0.50	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0242	4.130	0.3000	4.368	0.5553	0.1819	18	-0.43	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0675	4.245	0.0900	4.368	0.5553	0.1819	18	-0.22	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0689	4.250	0.1000	4.368	0.5553	0.1819	18	-0.21	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0910	4.260	0.1000	4.368	0.5553	0.1819	18	-0.19	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2181	4.320	0.1200	4.368	0.5553	0.1819	18	-0.09	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
013.00	Fat, Pretreat, Acid hydrolysis (%)	0297	4.465	0.1300	4.368	0.5553	0.1819	18	0.17	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0948	4.490	0.0800	4.368	0.5553	0.1819	18	0.22	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0884	4.550	0.1000	4.368	0.5553	0.1819	18	0.33	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2319	4.550	0.1000	4.368	0.5553	0.1819	18	0.33	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0229	4.840	0.6000	4.368	0.5553	0.1819	18	0.85	5%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0202	5.120	0.3200	4.368	0.5553	0.1819	18	1.35	9%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2150	5.180	0.1600	4.368	0.5553	0.1819	18	1.46	9%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0541	5.235	0.2700	4.368	0.5553	0.1819	18	1.56	10%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0038	4.205	0.0700	4.933	0.5391	0.2098	14	-1.35	7%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0098	4.340	0.3200	4.933	0.5391	0.2098	14	-1.10	6%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0148	4.525	0.0500	4.933	0.5391	0.2098	14	-0.76	4%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0870	4.625	0.2949	4.933	0.5391	0.2098	14	-0.57	3%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0100	4.745	0.2700	4.933	0.5391	0.2098	14	-0.35	2%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0045	4.780	1.040	4.933	0.5391	0.2098	14	-0.28	2%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0853	4.800	0.0000	4.933	0.5391	0.2098	14	-0.25	1%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0693	4.800	1.200	4.933	0.5391	0.2098	14	-0.25	1%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	2492	5.000	0.1800	4.933	0.5391	0.2098	14	0.12	1%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	2259	5.057	0.0080	4.933	0.5391	0.2098	14	0.23	1%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0563	5.212	0.1763	4.933	0.5391	0.2098	14	0.52	3%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0407	5.546	0.0280	4.933	0.5391	0.2098	14	1.14	6%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0553	5.690	0.1200	4.933	0.5391	0.2098	14	1.40	8%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0682	5.840	0.0000	4.933	0.5391	0.2098	14	1.68	9%	0
013.08	Fat, Pretreat, Roesse-Gottlieb Modified, Alkaline	0618	2.160	0.0600				1			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0036	3.980	0.0119	4.282	0.3139	0.0280	5			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0610	4.070	0.0400	4.282	0.3139	0.0280	5			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2196	4.130	0.0000	4.282	0.3139	0.0280	5			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0353	4.535	0.0100	4.282	0.3139	0.0280	5			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2349	4.695	0.0500	4.282	0.3139	0.0280	5			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2268	3.810	0.3400	4.282	0.3139	0.0280	5			1
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0643	3.348	0.0030	4.321	0.5388	0.1252	10	-1.81	11%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2115	3.795	0.0300	4.321	0.5388	0.1252	10	-0.98	6%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2129	3.848	0.0930	4.321	0.5388	0.1252	10	-0.88	5%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0407	4.324	0.5745	4.321	0.5388	0.1252	10	0.01	0%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0354	4.430	0.0200	4.321	0.5388	0.1252	10	0.20	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0939	4.435	0.1500	4.321	0.5388	0.1252	10	0.21	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2433	4.512	0.0831	4.321	0.5388	0.1252	10	0.35	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0968	4.600	0.1200	4.321	0.5388	0.1252	10	0.52	3%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0581	4.625	0.1300	4.321	0.5388	0.1252	10	0.56	4%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0843	5.430	0.8000	4.321	0.5388	0.1252	10	2.06	13%	0
013.99	Fat, Pretreat, Miscellaneous (%)	2155	4.050	0.3000				1			0
014.01	Fiber, Total Dietary, Enz-Grav (%)	0870	31.75	2.100	34.02	2.700	1.265	4			0
014.01	Fiber, Total Dietary, Enz-Grav (%)	2066	32.79	0.0800	34.02	2.700	1.265	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
014.01	Fiber, Total Dietary, Enz-Grav (%)	0148	33.64	0.2800	34.02	2.700	1.265	4			0
014.01	Fiber, Total Dietary, Enz-Grav (%)	2319	37.90	2.600	34.02	2.700	1.265	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	65.75	3.552				2			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	73.72	6.538				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	0692	15.00	14.00				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	28.22	2.020				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0407	70.29	4.121				3			0
015.43	Aluminum, ICP, Microwave (ppm)	0353	74.79	1.300				3			0
015.43	Aluminum, ICP, Microwave (ppm)	2481	76.33	1.040				3			0
015.43	Aluminum, ICP, Microwave (ppm)	0297	76.00	34.00				3			1
015.43	Aluminum, ICP, Microwave (ppm)	0510	35.00	0.0000				3			2
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	68.60	6.817				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0939	70.63	1.930				2			0
017.41	Boron, ICP, Dry ash (ppm)	0358	7.625	0.0300				3			0
017.41	Boron, ICP, Dry ash (ppm)	0407	8.601	0.3841				3			0
017.41	Boron, ICP, Dry ash (ppm)	0226	9.210	0.1800				3			0
017.41	Boron, ICP, Dry ash (ppm)	0229	< 6					3			5
017.42	Boron, ICP, Open vessel (ppm)	0693	7.500	1.000	9.014	1.426	1.643	4			0
017.42	Boron, ICP, Open vessel (ppm)	0045	8.310	0.4200	9.014	1.426	1.643	4			0
017.42	Boron, ICP, Open vessel (ppm)	0294	9.470	0.7600	9.014	1.426	1.643	4			0
017.42	Boron, ICP, Open vessel (ppm)	2129	10.78	4.390	9.014	1.426	1.643	4			0
017.43	Boron, ICP, Microwave (ppm)	0083	6.500	0.0000				3			0
017.43	Boron, ICP, Microwave (ppm)	0510	7.000	0.0000				3			0
017.43	Boron, ICP, Microwave (ppm)	0407	8.275	0.0202				3			0
017.43	Boron, ICP, Microwave (ppm)	0353	8.425	0.2300				3			1
017.53	Boron, ICP-MS, Microwave (ppm)	0407	8.075	0.6873				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	1.240	0.0400	1.410	0.1166	0.0826	4			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2190	1.434	0.1668	1.410	0.1166	0.0826	4			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.467	0.0410	1.410	0.1166	0.0826	4			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	1.500	0.0000	1.410	0.1166	0.0826	4			0
019.02	Calcium, Hach Method (%)	0536	1.605	0.0700				1			0
019.08	Calcium, EDTA (%)	0590	1.435	0.0100	1.484	0.0342	0.0360	9	-1.44	2%	0
019.08	Calcium, EDTA (%)	2188	1.445	0.0500	1.484	0.0342	0.0360	9	-1.15	1%	0
019.08	Calcium, EDTA (%)	2434	1.480	0.0000	1.484	0.0342	0.0360	9	-0.12	0%	0
019.08	Calcium, EDTA (%)	2506	1.480	0.0400	1.484	0.0342	0.0360	9	-0.12	0%	0
019.08	Calcium, EDTA (%)	2193	1.481	0.0460	1.484	0.0342	0.0360	9	-0.10	0%	0
019.08	Calcium, EDTA (%)	2009	1.492	0.0157	1.484	0.0342	0.0360	9	0.23	0%	0
019.08	Calcium, EDTA (%)	2397	1.505	0.0700	1.484	0.0342	0.0360	9	0.61	1%	0
019.08	Calcium, EDTA (%)	2196	1.510	0.0000	1.484	0.0342	0.0360	9	0.75	1%	0
019.08	Calcium, EDTA (%)	0689	1.530	0.0200	1.484	0.0342	0.0360	9	1.34	2%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.464	0.0710				1			0
019.31	Calcium, AAS, Dry ash (%)	0536	1.335	0.0100	1.452	0.0929	0.0532	16	-1.25	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
019.31	Calcium, AAS, Dry ash (%)	0687	1.345	0.0700	1.452	0.0929	0.0532	16	-1.15	4%	0
019.31	Calcium, AAS, Dry ash (%)	2325	1.345	0.0100	1.452	0.0929	0.0532	16	-1.15	4%	0
019.31	Calcium, AAS, Dry ash (%)	2188	1.355	0.0300	1.452	0.0929	0.0532	16	-1.04	3%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.395	0.0300	1.452	0.0929	0.0532	16	-0.61	2%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.405	0.0100	1.452	0.0929	0.0532	16	-0.50	2%	0
019.31	Calcium, AAS, Dry ash (%)	0596	1.420	0.0200	1.452	0.0929	0.0532	16	-0.34	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.450	0.1800	1.452	0.0929	0.0532	16	-0.02	0%	0
019.31	Calcium, AAS, Dry ash (%)	2246	1.482	0.0003	1.452	0.0929	0.0532	16	0.33	1%	0
019.31	Calcium, AAS, Dry ash (%)	0656	1.490	0.0000	1.452	0.0929	0.0532	16	0.41	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	1.490	0.0000	1.452	0.0929	0.0532	16	0.41	1%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.517	0.0830	1.452	0.0929	0.0532	16	0.70	2%	0
019.31	Calcium, AAS, Dry ash (%)	2022	1.525	0.0300	1.452	0.0929	0.0532	16	0.79	3%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.530	0.2000	1.452	0.0929	0.0532	16	0.84	3%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.550	0.0233	1.452	0.0929	0.0532	16	1.06	3%	0
019.31	Calcium, AAS, Dry ash (%)	0646	1.700	0.1400	1.452	0.0929	0.0532	16	2.67	9%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.550	0.0200				1			0
019.33	Calcium, AAS, Microwave (%)	2115	1.385	0.0300				1			0
019.41	Calcium, ICP, Dry ash (%)	0066	1.381	0.0270	1.478	0.0662	0.0427	17	-1.47	3%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.421	0.1745	1.478	0.0662	0.0427	17	-0.85	2%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.424	0.0041	1.478	0.0662	0.0427	17	-0.82	2%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.425	0.0300	1.478	0.0662	0.0427	17	-0.80	2%	0
019.41	Calcium, ICP, Dry ash (%)	2482	1.427	0.0040	1.478	0.0662	0.0427	17	-0.77	2%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.435	0.0700	1.478	0.0662	0.0427	17	-0.65	1%	0
019.41	Calcium, ICP, Dry ash (%)	2259	1.447	0.0160	1.478	0.0662	0.0427	17	-0.47	1%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.460	0.0200	1.478	0.0662	0.0427	17	-0.27	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.464	0.0045	1.478	0.0662	0.0427	17	-0.20	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.495	0.0700	1.478	0.0662	0.0427	17	0.26	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.500	0.0600	1.478	0.0662	0.0427	17	0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.503	0.0750	1.478	0.0662	0.0427	17	0.37	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.505	0.0500	1.478	0.0662	0.0427	17	0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.525	0.0300	1.478	0.0662	0.0427	17	0.71	2%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.565	0.0500	1.478	0.0662	0.0427	17	1.32	3%	0
019.41	Calcium, ICP, Dry ash (%)	0674	1.570	0.0000	1.478	0.0662	0.0427	17	1.39	3%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.590	0.0800	1.478	0.0662	0.0427	17	1.69	4%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.334	0.0480	1.502	0.0827	0.0542	17	-2.04	6%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.395	0.0900	1.502	0.0827	0.0542	17	-1.30	4%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.405	0.0700	1.502	0.0827	0.0542	17	-1.18	3%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.430	0.0400	1.502	0.0827	0.0542	17	-0.88	2%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.453	0.0120	1.502	0.0827	0.0542	17	-0.60	2%	0
019.42	Calcium, ICP, Open vessel (%)	2319	1.475	0.0500	1.502	0.0827	0.0542	17	-0.33	1%	0
019.42	Calcium, ICP, Open vessel (%)	2433	1.484	0.0909	1.502	0.0827	0.0542	17	-0.22	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.492	0.0120	1.502	0.0827	0.0542	17	-0.13	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
019.42	Calcium, ICP, Open vessel (%)	0504	1.505	0.0900	1.502	0.0827	0.0542	17	0.03	0%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.530	0.0400	1.502	0.0827	0.0542	17	0.33	1%	0
019.42	Calcium, ICP, Open vessel (%)	0202	1.535	0.1100	1.502	0.0827	0.0542	17	0.39	1%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.540	0.0600	1.502	0.0827	0.0542	17	0.46	1%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.543	0.0465	1.502	0.0827	0.0542	17	0.49	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.575	0.0500	1.502	0.0827	0.0542	17	0.88	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.580	0.0600	1.502	0.0827	0.0542	17	0.94	3%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.595	0.0100	1.502	0.0827	0.0542	17	1.12	3%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.625	0.0500	1.502	0.0827	0.0542	17	1.48	4%	0
019.43	Calcium, ICP, Microwave (%)	0018	1.100	0.0200	1.443	0.0825	0.0539	32	-4.16	12%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.267	0.0050	1.443	0.0825	0.0539	32	-2.14	6%	0
019.43	Calcium, ICP, Microwave (%)	0511	1.295	0.0100	1.443	0.0825	0.0539	32	-1.79	5%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.330	0.1400	1.443	0.0825	0.0539	32	-1.37	4%	0
019.43	Calcium, ICP, Microwave (%)	0001	1.360	0.1000	1.443	0.0825	0.0539	32	-1.00	3%	0
019.43	Calcium, ICP, Microwave (%)	0011	1.365	0.1100	1.443	0.0825	0.0539	32	-0.94	3%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.380	0.0000	1.443	0.0825	0.0539	32	-0.76	2%	0
019.43	Calcium, ICP, Microwave (%)	2115	1.380	0.0400	1.443	0.0825	0.0539	32	-0.76	2%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.385	0.0500	1.443	0.0825	0.0539	32	-0.70	2%	0
019.43	Calcium, ICP, Microwave (%)	0875	1.389	0.0000	1.443	0.0825	0.0539	32	-0.65	2%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.410	0.0174	1.443	0.0825	0.0539	32	-0.40	1%	0
019.43	Calcium, ICP, Microwave (%)	0354	1.428	0.0130	1.443	0.0825	0.0539	32	-0.19	1%	0
019.43	Calcium, ICP, Microwave (%)	2476	1.442	0.0110	1.443	0.0825	0.0539	32	-0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.445	0.0500	1.443	0.0825	0.0539	32	0.03	0%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.445	0.0100	1.443	0.0825	0.0539	32	0.03	0%	0
019.43	Calcium, ICP, Microwave (%)	0870	1.447	0.0740	1.443	0.0825	0.0539	32	0.05	0%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.450	0.0310	1.443	0.0825	0.0539	32	0.08	0%	0
019.43	Calcium, ICP, Microwave (%)	2326	1.450	0.0200	1.443	0.0825	0.0539	32	0.09	0%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.465	0.1100	1.443	0.0825	0.0539	32	0.27	1%	0
019.43	Calcium, ICP, Microwave (%)	0300	1.465	0.1100	1.443	0.0825	0.0539	32	0.27	1%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.475	0.0900	1.443	0.0825	0.0539	32	0.39	1%	0
019.43	Calcium, ICP, Microwave (%)	0028	1.479	0.1000	1.443	0.0825	0.0539	32	0.44	1%	0
019.43	Calcium, ICP, Microwave (%)	0010	1.480	0.0000	1.443	0.0825	0.0539	32	0.45	1%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.488	0.0696	1.443	0.0825	0.0539	32	0.54	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.495	0.0300	1.443	0.0825	0.0539	32	0.63	2%	0
019.43	Calcium, ICP, Microwave (%)	2481	1.500	0.0200	1.443	0.0825	0.0539	32	0.69	2%	0
019.43	Calcium, ICP, Microwave (%)	0848	1.515	0.0300	1.443	0.0825	0.0539	32	0.88	3%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.520	0.0000	1.443	0.0825	0.0539	32	0.94	3%	0
019.43	Calcium, ICP, Microwave (%)	0407	1.527	0.0873	1.443	0.0825	0.0539	32	1.02	3%	0
019.43	Calcium, ICP, Microwave (%)	0089	1.570	0.0200	1.443	0.0825	0.0539	32	1.54	4%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.635	0.1900	1.443	0.0825	0.0539	32	2.33	7%	0
019.43	Calcium, ICP, Microwave (%)	0505	1.637	0.0360	1.443	0.0825	0.0539	32	2.35	7%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.485	0.3300	1.443	0.0825	0.0539	32	0.51	1%	1

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019.44	Calcium, ICP, Dry ash (%)	0098	1.420	0.0400				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.265	0.0100				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	1.343	0.0538				2			0
019.53	Calcium, ICP-MS, Microwave (%)	2066	0.1200	0.0000	1.368	0.4533	0.0622	6	-2.75	46%	0
019.53	Calcium, ICP-MS, Microwave (%)	0199	1.172	0.0700	1.368	0.4533	0.0622	6	-0.43	7%	0
019.53	Calcium, ICP-MS, Microwave (%)	0504	1.410	0.1000	1.368	0.4533	0.0622	6	0.09	2%	0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.465	0.0500	1.368	0.4533	0.0622	6	0.21	4%	0
019.53	Calcium, ICP-MS, Microwave (%)	0407	1.647	0.0608	1.368	0.4533	0.0622	6	0.62	10%	0
019.53	Calcium, ICP-MS, Microwave (%)	0939	1.825	0.0300	1.368	0.4533	0.0622	6	1.01	17%	0
019.99	Calcium, Miscellaneous (%)	2302	1.245	0.0100	1.539	0.3262	0.0225	5			0
019.99	Calcium, Miscellaneous (%)	0590	1.435	0.0100	1.539	0.3262	0.0225	5			0
019.99	Calcium, Miscellaneous (%)	0242	1.445	0.0100	1.539	0.3262	0.0225	5			0
019.99	Calcium, Miscellaneous (%)	0100	1.470	0.0600	1.539	0.3262	0.0225	5			0
019.99	Calcium, Miscellaneous (%)	2105	2.100	0.0000	1.539	0.3262	0.0225	5			0
019.99	Calcium, Miscellaneous (%)	0852	1.175	0.2300	1.539	0.3262	0.0225	5			1
021.31	Cobalt, AAS, Dry ash (ppm)	0563	0.6645	0.0630				1			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	0.6055	0.0050				2			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	1.037	0.0196				2			0
021.42	Cobalt, ICP, Open vessel (ppm)	0693	0.4235	0.1130				3			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	0.4290	0.0100				3			0
021.42	Cobalt, ICP, Open vessel (ppm)	0366	0.7500	0.1000				3			0
021.43	Cobalt, ICP, Microwave (ppm)	2326	0.4235	0.0610	0.6996	0.2231	0.0460	11	-1.24	20%	0
021.43	Cobalt, ICP, Microwave (ppm)	0038	0.4560	0.0180	0.6996	0.2231	0.0460	11	-1.09	17%	0
021.43	Cobalt, ICP, Microwave (ppm)	0345	0.5350	0.0900	0.6996	0.2231	0.0460	11	-0.74	12%	0
021.43	Cobalt, ICP, Microwave (ppm)	0629	0.5650	0.0500	0.6996	0.2231	0.0460	11	-0.60	10%	0
021.43	Cobalt, ICP, Microwave (ppm)	0875	0.6075	0.0050	0.6996	0.2231	0.0460	11	-0.41	7%	0
021.43	Cobalt, ICP, Microwave (ppm)	0968	0.7170	0.0640	0.6996	0.2231	0.0460	11	0.08	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0278	0.8020	0.0540	0.6996	0.2231	0.0460	11	0.46	7%	0
021.43	Cobalt, ICP, Microwave (ppm)	2481	0.8050	0.0300	0.6996	0.2231	0.0460	11	0.47	8%	0
021.43	Cobalt, ICP, Microwave (ppm)	0510	0.8400	0.0600	0.6996	0.2231	0.0460	11	0.63	10%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	0.9100	0.0200	0.6996	0.2231	0.0460	11	0.94	15%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	1.163	0.0561	0.6996	0.2231	0.0460	11	2.08	33%	0
021.43	Cobalt, ICP, Microwave (ppm)	2476	0.9705	0.8730	0.6996	0.2231	0.0460	11	1.21	19%	1
021.43	Cobalt, ICP, Microwave (ppm)	0682	< 1		0.6996	0.2231	0.0460	11			5
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	0.4761	0.0309				1			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0033	0.6965	0.0110	0.7423	0.0531	0.0119	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	0.7040	0.0300	0.7423	0.0531	0.0119	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0504	0.7580	0.0060	0.7423	0.0531	0.0119	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	0.8106	0.0005	0.7423	0.0531	0.0119	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0199	0.4370	0.0840	0.7423	0.0531	0.0119	4			1
022.31	Copper, AAS, Dry ash (ppm)	0563	7.650	0.0400	9.204	1.188	0.7220	6	-1.31	8%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	8.285	0.0300	9.204	1.188	0.7220	6	-0.77	5%	0

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022.31	Copper, AAS, Dry ash (ppm)	0689	9.350	2.300	9.204	1.188	0.7220	6	0.12	1%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	9.650	0.0000	9.204	1.188	0.7220	6	0.38	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0884	9.800	0.2000	9.204	1.188	0.7220	6	0.50	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0948	10.49	1.040	9.204	1.188	0.7220	6	1.08	7%	0
022.31	Copper, AAS, Dry ash (ppm)	0656	< 0.1514		9.204	1.188	0.7220	6			5
022.33	Copper, AAS, Microwave (ppm)	2115	7.675	0.0500				1			0
022.41	Copper, ICP, Dry ash (ppm)	0520	3.559	0.3880	8.520	3.106	1.142	9	-1.60	29%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	6.480	2.020	8.520	3.106	1.142	9	-0.66	12%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	7.600	0.7400	8.520	3.106	1.142	9	-0.30	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	8.000	2.000	8.520	3.106	1.142	9	-0.17	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	8.010	1.120	8.520	3.106	1.142	9	-0.16	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	8.283	0.4173	8.520	3.106	1.142	9	-0.08	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	9.455	0.7677	8.520	3.106	1.142	9	0.30	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	12.16	3.010	8.520	3.106	1.142	9	1.17	21%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	12.84	0.2300	8.520	3.106	1.142	9	1.39	25%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	7.000	0.0000	8.535	0.9472	0.4095	16	-1.62	9%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	7.670	1.140	8.535	0.9472	0.4095	16	-0.91	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	7.745	0.0630	8.535	0.9472	0.4095	16	-0.83	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	7.890	0.1400	8.535	0.9472	0.4095	16	-0.68	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	8.065	0.7300	8.535	0.9472	0.4095	16	-0.50	3%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	8.169	0.2550	8.535	0.9472	0.4095	16	-0.39	2%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	8.215	0.0700	8.535	0.9472	0.4095	16	-0.34	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	8.235	0.4100	8.535	0.9472	0.4095	16	-0.32	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	8.250	1.300	8.535	0.9472	0.4095	16	-0.30	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	8.500	1.000	8.535	0.9472	0.4095	16	-0.04	0%	0
022.42	Copper, ICP, Open vessel (ppm)	2433	8.870	0.0560	8.535	0.9472	0.4095	16	0.35	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0202	9.180	0.6400	8.535	0.9472	0.4095	16	0.68	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	9.185	0.1700	8.535	0.9472	0.4095	16	0.69	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	9.555	0.1900	8.535	0.9472	0.4095	16	1.08	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	10.11	0.2500	8.535	0.9472	0.4095	16	1.66	9%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	10.18	0.0300	8.535	0.9472	0.4095	16	1.73	10%	0
022.42	Copper, ICP, Open vessel (ppm)	0504	< 15		8.535	0.9472	0.4095	16			5
022.43	Copper, ICP, Microwave (ppm)	0033	7.425	1.430	8.379	0.7557	0.2643	21	-1.26	6%	0
022.43	Copper, ICP, Microwave (ppm)	2326	7.515	0.3900	8.379	0.7557	0.2643	21	-1.14	5%	0
022.43	Copper, ICP, Microwave (ppm)	2115	7.665	0.2900	8.379	0.7557	0.2643	21	-0.94	4%	0
022.43	Copper, ICP, Microwave (ppm)	0629	7.700	0.1400	8.379	0.7557	0.2643	21	-0.90	4%	0
022.43	Copper, ICP, Microwave (ppm)	0870	7.727	0.1010	8.379	0.7557	0.2643	21	-0.86	4%	0
022.43	Copper, ICP, Microwave (ppm)	0083	7.975	0.2300	8.379	0.7557	0.2643	21	-0.53	2%	0
022.43	Copper, ICP, Microwave (ppm)	0297	8.000	0.0000	8.379	0.7557	0.2643	21	-0.50	2%	0
022.43	Copper, ICP, Microwave (ppm)	0510	8.000	0.0000	8.379	0.7557	0.2643	21	-0.50	2%	0
022.43	Copper, ICP, Microwave (ppm)	0511	8.000	0.0000	8.379	0.7557	0.2643	21	-0.50	2%	0
022.43	Copper, ICP, Microwave (ppm)	0968	8.094	0.1480	8.379	0.7557	0.2643	21	-0.38	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
022.43	Copper, ICP, Microwave (ppm)	0407	8.261	0.1987	8.379	0.7557	0.2643	21	-0.16	1%	0
022.43	Copper, ICP, Microwave (ppm)	2476	8.308	0.1030	8.379	0.7557	0.2643	21	-0.09	0%	0
022.43	Copper, ICP, Microwave (ppm)	0354	8.330	0.1400	8.379	0.7557	0.2643	21	-0.06	0%	0
022.43	Copper, ICP, Microwave (ppm)	0675	8.650	0.0200	8.379	0.7557	0.2643	21	0.36	2%	0
022.43	Copper, ICP, Microwave (ppm)	0098	8.720	0.5000	8.379	0.7557	0.2643	21	0.45	2%	0
022.43	Copper, ICP, Microwave (ppm)	0875	9.016	0.0400	8.379	0.7557	0.2643	21	0.84	4%	0
022.43	Copper, ICP, Microwave (ppm)	0964	9.075	0.6900	8.379	0.7557	0.2643	21	0.92	4%	0
022.43	Copper, ICP, Microwave (ppm)	0035	9.175	0.2300	8.379	0.7557	0.2643	21	1.05	5%	0
022.43	Copper, ICP, Microwave (ppm)	0353	9.300	0.0000	8.379	0.7557	0.2643	21	1.22	5%	0
022.43	Copper, ICP, Microwave (ppm)	2481	10.11	0.5100	8.379	0.7557	0.2643	21	2.28	10%	0
022.43	Copper, ICP, Microwave (ppm)	0682	10.40	0.0000	8.379	0.7557	0.2643	21	2.67	12%	0
022.43	Copper, ICP, Microwave (ppm)	0848	16.48	2.520	8.379	0.7557	0.2643	21	10.72	48%	1
022.44	Copper, ICP, Dry ash (ppm)	0098	8.105	0.2700				2			0
022.44	Copper, ICP, Dry ash (ppm)	0066	9.340	0.0800				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	8.200	0.1800				1			0
022.53	Copper, ICP-MS, Microwave (ppm)	0199	6.995	0.1300	8.095	0.7933	0.1382	5			0
022.53	Copper, ICP-MS, Microwave (ppm)	2066	7.595	0.0300	8.095	0.7933	0.1382	5			0
022.53	Copper, ICP-MS, Microwave (ppm)	0504	8.350	0.1000	8.095	0.7933	0.1382	5			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	8.562	0.2808	8.095	0.7933	0.1382	5			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	8.975	0.1500	8.095	0.7933	0.1382	5			0
022.99	Copper, Miscellaneous (ppm)	0100	7.500	1.000				3			0
022.99	Copper, Miscellaneous (ppm)	0242	8.000	0.0000				3			0
022.99	Copper, Miscellaneous (ppm)	0590	8.400	0.6000				3			0
025.31	Iron, AAS, Dry ash (ppm)	0656	166.9	0.0000	181.4	12.91	4.388	8	-1.12	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0689	168.2	19.20	181.4	12.91	4.388	8	-1.02	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	175.5	4.045	181.4	12.91	4.388	8	-0.45	2%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	180.5	0.0000	181.4	12.91	4.388	8	-0.07	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	181.7	7.100	181.4	12.91	4.388	8	0.02	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0948	187.4	0.8900	181.4	12.91	4.388	8	0.46	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0884	190.3	0.5000	181.4	12.91	4.388	8	0.69	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	202.5	1.900	181.4	12.91	4.388	8	1.63	6%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	213.5	77.00	181.4	12.91	4.388	8	2.49	9%	1
025.41	Iron, ICP, Dry ash (ppm)	0066	155.5	4.900	184.7	13.45	7.579	14	-2.17	8%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	171.1	13.17	184.7	13.45	7.579	14	-1.01	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	176.4	5.600	184.7	13.45	7.579	14	-0.61	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	177.5	7.000	184.7	13.45	7.579	14	-0.53	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	177.7	16.00	184.7	13.45	7.579	14	-0.51	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	178.0	8.000	184.7	13.45	7.579	14	-0.50	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	184.3	0.5825	184.7	13.45	7.579	14	-0.02	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	184.5	0.5130	184.7	13.45	7.579	14	-0.01	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	185.9	2.260	184.7	13.45	7.579	14	0.09	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	186.9	6.850	184.7	13.45	7.579	14	0.17	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
025.41	Iron, ICP, Dry ash (ppm)	0148	191.3	11.76	184.7	13.45	7.579	14	0.49	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0674	197.4	0.0000	184.7	13.45	7.579	14	0.95	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	207.3	5.890	184.7	13.45	7.579	14	1.68	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	209.0	16.00	184.7	13.45	7.579	14	1.81	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	163.1	0.0000	177.3	12.23	7.635	16	-1.16	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	165.1	7.050	177.3	12.23	7.635	16	-1.00	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	166.0	4.000	177.3	12.23	7.635	16	-0.93	3%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	166.3	7.100	177.3	12.23	7.635	16	-0.91	3%	0
025.42	Iron, ICP, Open vessel (ppm)	2433	166.7	0.0527	177.3	12.23	7.635	16	-0.87	3%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	172.5	1.000	177.3	12.23	7.635	16	-0.40	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	173.5	21.00	177.3	12.23	7.635	16	-0.31	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	174.5	17.00	177.3	12.23	7.635	16	-0.23	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	177.5	4.500	177.3	12.23	7.635	16	0.01	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	179.0	2.000	177.3	12.23	7.635	16	0.14	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	180.8	1.954	177.3	12.23	7.635	16	0.28	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	183.3	3.690	177.3	12.23	7.635	16	0.48	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	187.5	17.00	177.3	12.23	7.635	16	0.83	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	192.0	14.00	177.3	12.23	7.635	16	1.20	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0202	194.0	10.00	177.3	12.23	7.635	16	1.36	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0504	197.5	7.000	177.3	12.23	7.635	16	1.65	6%	0
025.43	Iron, ICP, Microwave (ppm)	0870	161.9	6.500	182.7	11.50	4.348	25	-1.81	6%	0
025.43	Iron, ICP, Microwave (ppm)	0875	165.6	0.7880	182.7	11.50	4.348	25	-1.49	5%	0
025.43	Iron, ICP, Microwave (ppm)	0510	167.0	2.000	182.7	11.50	4.348	25	-1.36	4%	0
025.43	Iron, ICP, Microwave (ppm)	0629	171.0	2.000	182.7	11.50	4.348	25	-1.01	3%	0
025.43	Iron, ICP, Microwave (ppm)	0511	173.0	4.000	182.7	11.50	4.348	25	-0.84	3%	0
025.43	Iron, ICP, Microwave (ppm)	0169	176.0	2.000	182.7	11.50	4.348	25	-0.58	2%	0
025.43	Iron, ICP, Microwave (ppm)	0968	177.4	1.063	182.7	11.50	4.348	25	-0.46	1%	0
025.43	Iron, ICP, Microwave (ppm)	0354	177.7	4.870	182.7	11.50	4.348	25	-0.43	1%	0
025.43	Iron, ICP, Microwave (ppm)	0353	178.9	8.660	182.7	11.50	4.348	25	-0.33	1%	0
025.43	Iron, ICP, Microwave (ppm)	0010	180.5	10.10	182.7	11.50	4.348	25	-0.19	1%	0
025.43	Iron, ICP, Microwave (ppm)	0083	180.6	7.350	182.7	11.50	4.348	25	-0.18	1%	0
025.43	Iron, ICP, Microwave (ppm)	0033	181.0	4.000	182.7	11.50	4.348	25	-0.14	0%	0
025.43	Iron, ICP, Microwave (ppm)	2326	182.0	4.000	182.7	11.50	4.348	25	-0.06	0%	0
025.43	Iron, ICP, Microwave (ppm)	0407	183.3	5.511	182.7	11.50	4.348	25	0.05	0%	0
025.43	Iron, ICP, Microwave (ppm)	0001	183.5	3.000	182.7	11.50	4.348	25	0.07	0%	0
025.43	Iron, ICP, Microwave (ppm)	0675	183.6	0.7200	182.7	11.50	4.348	25	0.08	0%	0
025.43	Iron, ICP, Microwave (ppm)	0098	184.5	4.900	182.7	11.50	4.348	25	0.16	0%	0
025.43	Iron, ICP, Microwave (ppm)	0682	186.7	0.0000	182.7	11.50	4.348	25	0.35	1%	0
025.43	Iron, ICP, Microwave (ppm)	0028	189.7	1.246	182.7	11.50	4.348	25	0.61	2%	0
025.43	Iron, ICP, Microwave (ppm)	0505	192.0	3.700	182.7	11.50	4.348	25	0.81	3%	0
025.43	Iron, ICP, Microwave (ppm)	0038	194.0	2.000	182.7	11.50	4.348	25	0.99	3%	0
025.43	Iron, ICP, Microwave (ppm)	2476	196.1	10.50	182.7	11.50	4.348	25	1.16	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
025.43	Iron, ICP, Microwave (ppm)	0297	197.5	11.00	182.7	11.50	4.348	25	1.29	4%	0
025.43	Iron, ICP, Microwave (ppm)	0035	203.5	6.900	182.7	11.50	4.348	25	1.81	6%	0
025.43	Iron, ICP, Microwave (ppm)	2481	208.4	1.270	182.7	11.50	4.348	25	2.24	7%	0
025.43	Iron, ICP, Microwave (ppm)	0345	331.5	15.00	182.7	11.50	4.348	25	12.94	41%	2
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	183.4	8.900				1			0
025.53	Iron, ICP-MS, Microwave (ppm)	0199	128.5	3.000	173.9	38.51	3.886	6	-1.18	13%	0
025.53	Iron, ICP-MS, Microwave (ppm)	2066	144.5	5.000	173.9	38.51	3.886	6	-0.76	8%	0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	173.5	3.000	173.9	38.51	3.886	6	-0.01	0%	0
025.53	Iron, ICP-MS, Microwave (ppm)	0504	184.0	6.000	173.9	38.51	3.886	6	0.26	3%	0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	189.0	4.315	173.9	38.51	3.886	6	0.39	4%	0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	224.0	2.000	173.9	38.51	3.886	6	1.30	14%	0
025.99	Iron, Miscellaneous (ppm)	2302	154.9	4.440				3			0
025.99	Iron, Miscellaneous (ppm)	0242	174.0	12.00				3			0
025.99	Iron, Miscellaneous (ppm)	0100	176.5	1.000				3			0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.2535	0.0098	0.2830	0.0202	0.0100	9	-1.46	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.2692	0.0149	0.2830	0.0202	0.0100	9	-0.68	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.2750	0.0100	0.2830	0.0202	0.0100	9	-0.39	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0948	0.2750	0.0100	0.2830	0.0202	0.0100	9	-0.39	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.2800	0.0000	0.2830	0.0202	0.0100	9	-0.15	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0596	0.2850	0.0100	0.2830	0.0202	0.0100	9	0.10	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.2940	0.0340	0.2830	0.0202	0.0100	9	0.55	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.3050	0.0100	0.2830	0.0202	0.0100	9	1.09	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.3100	0.0000	0.2830	0.0202	0.0100	9	1.34	5%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.2750	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	2115	0.2850	0.0100				1			0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.2585	0.0030	0.2775	0.0107	0.0088	15	-1.78	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.2650	0.0100	0.2775	0.0107	0.0088	15	-1.17	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.2686	0.0042	0.2775	0.0107	0.0088	15	-0.83	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.2700	0.0000	0.2775	0.0107	0.0088	15	-0.70	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.2700	0.0200	0.2775	0.0107	0.0088	15	-0.70	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.2735	0.0330	0.2775	0.0107	0.0088	15	-0.38	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.2750	0.0300	0.2775	0.0107	0.0088	15	-0.23	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.2765	0.0010	0.2775	0.0107	0.0088	15	-0.09	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.2817	0.0021	0.2775	0.0107	0.0088	15	0.39	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.2824	0.0010	0.2775	0.0107	0.0088	15	0.46	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.2850	0.0100	0.2775	0.0107	0.0088	15	0.70	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.2850	0.0100	0.2775	0.0107	0.0088	15	0.70	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2259	0.2855	0.0070	0.2775	0.0107	0.0088	15	0.75	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0674	0.2900	0.0000	0.2775	0.0107	0.0088	15	1.17	2%	0
027.41	Magnesium, ICP, Dry ash (%)	2482	0.2930	0.0010	0.2775	0.0107	0.0088	15	1.45	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.2600	0.0000	0.2842	0.0136	0.0070	16	-1.78	4%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.2645	0.0050	0.2842	0.0136	0.0070	16	-1.45	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
027.42	Magnesium, ICP, Open vessel (%)	2433	0.2716	0.0004	0.2842	0.0136	0.0070	16	-0.93	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.2740	0.0120	0.2842	0.0136	0.0070	16	-0.75	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.2785	0.0130	0.2842	0.0136	0.0070	16	-0.42	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.2801	0.0042	0.2842	0.0136	0.0070	16	-0.30	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.2840	0.0000	0.2842	0.0136	0.0070	16	-0.01	0%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.2845	0.0010	0.2842	0.0136	0.0070	16	0.02	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.2850	0.0100	0.2842	0.0136	0.0070	16	0.06	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.2850	0.0100	0.2842	0.0136	0.0070	16	0.06	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.2900	0.0000	0.2842	0.0136	0.0070	16	0.43	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.2900	0.0200	0.2842	0.0136	0.0070	16	0.43	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.2925	0.0043	0.2842	0.0136	0.0070	16	0.61	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.2970	0.0040	0.2842	0.0136	0.0070	16	0.95	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.3020	0.0020	0.2842	0.0136	0.0070	16	1.31	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.3150	0.0100	0.2842	0.0136	0.0070	16	2.27	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.2750	0.0700	0.2842	0.0136	0.0070	16	-0.68	2%	1
027.43	Magnesium, ICP, Microwave (%)	0511	0.2300	0.0200	0.2788	0.0139	0.0118	28	-3.51	9%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.2500	0.0200	0.2788	0.0139	0.0118	28	-2.07	5%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.2600	0.0000	0.2788	0.0139	0.0118	28	-1.35	3%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.2650	0.0000	0.2788	0.0139	0.0118	28	-0.99	2%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.2650	0.0100	0.2788	0.0139	0.0118	28	-0.99	2%	0
027.43	Magnesium, ICP, Microwave (%)	0028	0.2670	0.0000	0.2788	0.0139	0.0118	28	-0.85	2%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.2685	0.0090	0.2788	0.0139	0.0118	28	-0.74	2%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.2700	0.0200	0.2788	0.0139	0.0118	28	-0.63	2%	0
027.43	Magnesium, ICP, Microwave (%)	0875	0.2730	0.0012	0.2788	0.0139	0.0118	28	-0.41	1%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.2750	0.0100	0.2788	0.0139	0.0118	28	-0.27	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.2750	0.0100	0.2788	0.0139	0.0118	28	-0.27	1%	0
027.43	Magnesium, ICP, Microwave (%)	2115	0.2750	0.0100	0.2788	0.0139	0.0118	28	-0.27	1%	0
027.43	Magnesium, ICP, Microwave (%)	2476	0.2755	0.0030	0.2788	0.0139	0.0118	28	-0.24	1%	0
027.43	Magnesium, ICP, Microwave (%)	0001	0.2770	0.0020	0.2788	0.0139	0.0118	28	-0.13	0%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.2779	0.0151	0.2788	0.0139	0.0118	28	-0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.2800	0.0000	0.2788	0.0139	0.0118	28	0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.2800	0.0000	0.2788	0.0139	0.0118	28	0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	0354	0.2810	0.0040	0.2788	0.0139	0.0118	28	0.16	0%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.2852	0.0038	0.2788	0.0139	0.0118	28	0.46	1%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.2900	0.0160	0.2788	0.0139	0.0118	28	0.81	2%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.2900	0.0000	0.2788	0.0139	0.0118	28	0.81	2%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.2900	0.0000	0.2788	0.0139	0.0118	28	0.81	2%	0
027.43	Magnesium, ICP, Microwave (%)	0010	0.2900	0.0200	0.2788	0.0139	0.0118	28	0.81	2%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.2935	0.0010	0.2788	0.0139	0.0118	28	1.06	3%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.2950	0.0100	0.2788	0.0139	0.0118	28	1.17	3%	0
027.43	Magnesium, ICP, Microwave (%)	0011	0.2950	0.0300	0.2788	0.0139	0.0118	28	1.17	3%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.2966	0.0263	0.2788	0.0139	0.0118	28	1.28	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
027.43	Magnesium, ICP, Microwave (%)	2481	0.3000	0.0000	0.2788	0.0139	0.0118	28	1.53	4%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.5260	0.0100	0.2788	0.0139	0.0118	28	17.77	44%	2
027.44	Magnesium, ICP, Dry ash (%)	0098	0.2600	0.0000				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.2750	0.0100				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.2868	0.0094				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	2066	0.0200	0.0000	0.2725	0.0471	0.0123	6	-5.36	46%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0199	0.2520	0.0160	0.2725	0.0471	0.0123	6	-0.43	4%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.2775	0.0090	0.2725	0.0471	0.0123	6	0.11	1%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0504	0.2795	0.0050	0.2725	0.0471	0.0123	6	0.15	1%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.3089	0.0214	0.2725	0.0471	0.0123	6	0.77	7%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.3150	0.0100	0.2725	0.0471	0.0123	6	0.90	8%	0
027.99	Magnesium, Miscellaneous (%)	2302	0.2100	0.0000	0.2688	0.0397	0.0150	4			0
027.99	Magnesium, Miscellaneous (%)	0590	0.2800	0.0000	0.2688	0.0397	0.0150	4			0
027.99	Magnesium, Miscellaneous (%)	0242	0.2900	0.0200	0.2688	0.0397	0.0150	4			0
027.99	Magnesium, Miscellaneous (%)	0100	0.2950	0.0100	0.2688	0.0397	0.0150	4			0
028.31	Manganese, AAS, Dry ash (ppm)	0536	75.85	0.1000	80.84	3.821	1.705	10	-1.31	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	76.51	3.020	80.84	3.821	1.705	10	-1.13	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	78.41	0.0000	80.84	3.821	1.705	10	-0.64	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	79.85	4.170	80.84	3.821	1.705	10	-0.26	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0884	80.40	0.4000	80.84	3.821	1.705	10	-0.11	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	81.23	2.580	80.84	3.821	1.705	10	0.10	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0656	81.52	0.0000	80.84	3.821	1.705	10	0.18	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	83.91	0.4700	80.84	3.821	1.705	10	0.80	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0948	84.74	1.860	80.84	3.821	1.705	10	1.02	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0596	85.96	1.040	80.84	3.821	1.705	10	1.34	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0689	84.50	11.80	80.84	3.821	1.705	10	0.96	2%	1
028.32	Manganese, AAS, Open vessel (ppm)	0038	80.55	1.500				1			0
028.33	Manganese, AAS, Microwave (ppm)	2115	84.13	3.180				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0358	74.50	2.170	78.97	2.356	1.838	12	-1.90	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	76.06	0.4000	78.97	2.356	1.838	12	-1.23	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	77.21	1.590	78.97	2.356	1.838	12	-0.75	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	77.39	0.2220	78.97	2.356	1.838	12	-0.67	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	78.52	3.200	78.97	2.356	1.838	12	-0.19	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	79.44	0.3100	78.97	2.356	1.838	12	0.20	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	80.00	2.000	78.97	2.356	1.838	12	0.44	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	80.00	4.000	78.97	2.356	1.838	12	0.44	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	80.09	1.878	78.97	2.356	1.838	12	0.48	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0674	80.34	0.0000	78.97	2.356	1.838	12	0.58	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	80.64	2.690	78.97	2.356	1.838	12	0.71	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	85.22	1.920	78.97	2.356	1.838	12	2.65	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	73.34	0.7000	82.10	5.707	3.561	16	-1.53	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	2433	75.36	0.4545	82.10	5.707	3.561	16	-1.18	4%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
028.42	Manganese, ICP, Open vessel (ppm)	2129	75.51	1.780	82.10	5.707	3.561	16	-1.15	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	77.72	0.0240	82.10	5.707	3.561	16	-0.77	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	80.70	2.590	82.10	5.707	3.561	16	-0.25	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	80.85	3.100	82.10	5.707	3.561	16	-0.22	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0504	81.15	4.500	82.10	5.707	3.561	16	-0.17	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	81.25	4.100	82.10	5.707	3.561	16	-0.15	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	82.00	6.000	82.10	5.707	3.561	16	-0.02	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	82.00	8.000	82.10	5.707	3.561	16	-0.02	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	82.95	6.900	82.10	5.707	3.561	16	0.15	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	86.35	2.230	82.10	5.707	3.561	16	0.74	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	86.65	2.500	82.10	5.707	3.561	16	0.80	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0202	87.65	3.100	82.10	5.707	3.561	16	0.97	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	89.90	7.550	82.10	5.707	3.561	16	1.37	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	90.00	0.0000	82.10	5.707	3.561	16	1.38	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	82.50	19.00	82.10	5.707	3.561	16	0.07	0%	1
028.43	Manganese, ICP, Microwave (ppm)	0875	71.19	1.013	82.40	5.873	2.104	26	-1.91	7%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	72.69	0.0500	82.40	5.873	2.104	26	-1.65	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0629	74.70	0.6000	82.40	5.873	2.104	26	-1.31	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0354	75.79	2.170	82.40	5.873	2.104	26	-1.13	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	77.04	0.2680	82.40	5.873	2.104	26	-0.91	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	77.50	3.000	82.40	5.873	2.104	26	-0.83	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	78.00	0.0000	82.40	5.873	2.104	26	-0.75	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0033	79.50	4.400	82.40	5.873	2.104	26	-0.49	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	80.19	1.711	82.40	5.873	2.104	26	-0.38	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	80.30	0.6000	82.40	5.873	2.104	26	-0.36	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	81.04	0.0000	82.40	5.873	2.104	26	-0.23	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	81.64	1.730	82.40	5.873	2.104	26	-0.13	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0001	82.95	3.300	82.40	5.873	2.104	26	0.09	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0010	83.40	0.2000	82.40	5.873	2.104	26	0.17	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	83.97	1.440	82.40	5.873	2.104	26	0.27	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	84.04	1.670	82.40	5.873	2.104	26	0.28	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2115	84.39	0.3400	82.40	5.873	2.104	26	0.34	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0028	84.93	5.915	82.40	5.873	2.104	26	0.43	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	85.65	4.300	82.40	5.873	2.104	26	0.55	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	86.50	3.000	82.40	5.873	2.104	26	0.70	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	86.89	1.170	82.40	5.873	2.104	26	0.76	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2476	87.16	11.69	82.40	5.873	2.104	26	0.81	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	88.48	0.1800	82.40	5.873	2.104	26	1.04	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	88.80	8.400	82.40	5.873	2.104	26	1.09	4%	0
028.43	Manganese, ICP, Microwave (ppm)	2481	91.40	3.160	82.40	5.873	2.104	26	1.53	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	116.6	1.300	82.40	5.873	2.104	26	5.81	21%	0
028.43	Manganese, ICP, Microwave (ppm)	0038	85.80	13.40	82.40	5.873	2.104	26	0.58	2%	1

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
028.43	Manganese, ICP, Microwave (ppm)	0083	0.7650	0.0500	82.40	5.873	2.104	26	-13.90	50%	2
028.44	Manganese, ICP, Dry ash (ppm)	0066	61.29	2.980				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0098	75.68	0.9000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	77.83	3.300				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	80.09	4.920				2			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0199	73.39	4.170	81.17	6.922	2.929	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	77.20	3.600	81.17	6.922	2.929	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0504	79.70	4.800	81.17	6.922	2.929	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	84.18	0.2900	81.17	6.922	2.929	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	91.37	1.785	81.17	6.922	2.929	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2066	8,125	450.0	81.17	6.922	2.929	5			2
028.99	Manganese, Miscellaneous (ppm)	0590	72.75	2.700				3			0
028.99	Manganese, Miscellaneous (ppm)	0242	75.50	1.000				3			0
028.99	Manganese, Miscellaneous (ppm)	0100	81.00	2.000				3			0
031.01	Phosphorus, Photometric (%)	0108	0.4700	0.0200	0.5780	0.0313	0.0131	27	-3.45	9%	0
031.01	Phosphorus, Photometric (%)	2302	0.5200	0.0000	0.5780	0.0313	0.0131	27	-1.85	5%	0
031.01	Phosphorus, Photometric (%)	0596	0.5300	0.0000	0.5780	0.0313	0.0131	27	-1.54	4%	0
031.01	Phosphorus, Photometric (%)	0563	0.5475	0.0385	0.5780	0.0313	0.0131	27	-0.98	3%	0
031.01	Phosphorus, Photometric (%)	2246	0.5489	0.0013	0.5780	0.0313	0.0131	27	-0.93	3%	0
031.01	Phosphorus, Photometric (%)	0687	0.5500	0.0400	0.5780	0.0313	0.0131	27	-0.90	2%	0
031.01	Phosphorus, Photometric (%)	0590	0.5650	0.0100	0.5780	0.0313	0.0131	27	-0.42	1%	0
031.01	Phosphorus, Photometric (%)	0948	0.5650	0.0100	0.5780	0.0313	0.0131	27	-0.42	1%	0
031.01	Phosphorus, Photometric (%)	2196	0.5690	0.0000	0.5780	0.0313	0.0131	27	-0.29	1%	0
031.01	Phosphorus, Photometric (%)	2434	0.5700	0.0000	0.5780	0.0313	0.0131	27	-0.26	1%	0
031.01	Phosphorus, Photometric (%)	0646	0.5700	0.0200	0.5780	0.0313	0.0131	27	-0.26	1%	0
031.01	Phosphorus, Photometric (%)	2009	0.5703	0.0007	0.5780	0.0313	0.0131	27	-0.25	1%	0
031.01	Phosphorus, Photometric (%)	2190	0.5733	0.0183	0.5780	0.0313	0.0131	27	-0.15	0%	0
031.01	Phosphorus, Photometric (%)	0939	0.5750	0.0100	0.5780	0.0313	0.0131	27	-0.10	0%	0
031.01	Phosphorus, Photometric (%)	2188	0.5750	0.0100	0.5780	0.0313	0.0131	27	-0.10	0%	0
031.01	Phosphorus, Photometric (%)	2325	0.5750	0.0100	0.5780	0.0313	0.0131	27	-0.10	0%	0
031.01	Phosphorus, Photometric (%)	2115	0.5850	0.0100	0.5780	0.0313	0.0131	27	0.22	1%	0
031.01	Phosphorus, Photometric (%)	0689	0.5900	0.0200	0.5780	0.0313	0.0131	27	0.38	1%	0
031.01	Phosphorus, Photometric (%)	0656	0.6000	0.0000	0.5780	0.0313	0.0131	27	0.70	2%	0
031.01	Phosphorus, Photometric (%)	0884	0.6000	0.0000	0.5780	0.0313	0.0131	27	0.70	2%	0
031.01	Phosphorus, Photometric (%)	2022	0.6000	0.0000	0.5780	0.0313	0.0131	27	0.70	2%	0
031.01	Phosphorus, Photometric (%)	2006	0.6040	0.0020	0.5780	0.0313	0.0131	27	0.83	2%	0
031.01	Phosphorus, Photometric (%)	2199	0.6050	0.0100	0.5780	0.0313	0.0131	27	0.86	2%	0
031.01	Phosphorus, Photometric (%)	2397	0.6050	0.0100	0.5780	0.0313	0.0131	27	0.86	2%	0
031.01	Phosphorus, Photometric (%)	2506	0.6200	0.0200	0.5780	0.0313	0.0131	27	1.34	4%	0
031.01	Phosphorus, Photometric (%)	2200	0.6400	0.0000	0.5780	0.0313	0.0131	27	1.98	5%	0
031.01	Phosphorus, Photometric (%)	2193	0.7400	0.0000	0.5780	0.0313	0.0131	27	5.18	14%	0
031.01	Phosphorus, Photometric (%)	2181	1.020	1.020	0.5780	0.0313	0.0131	27	14.14	38%	2

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
031.03	Phosphorus, Autoanalyzer (%)	0169	0.5650	0.0100				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.5818	0.0056				2			0
031.06	Phosphorus, Hach Method (%)	0536	0.6500	0.0200				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.5450	0.0100	0.5668	0.0203	0.0133	16	-1.08	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.5450	0.0300	0.5668	0.0203	0.0133	16	-1.08	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.5475	0.0050	0.5668	0.0203	0.0133	16	-0.95	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.5525	0.0110	0.5668	0.0203	0.0133	16	-0.71	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.5550	0.0100	0.5668	0.0203	0.0133	16	-0.58	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.5553	0.0001	0.5668	0.0203	0.0133	16	-0.57	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.5600	0.0000	0.5668	0.0203	0.0133	16	-0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2482	0.5645	0.0030	0.5668	0.0203	0.0133	16	-0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.5650	0.0300	0.5668	0.0203	0.0133	16	-0.09	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.5664	0.0074	0.5668	0.0203	0.0133	16	-0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0674	0.5700	0.0000	0.5668	0.0203	0.0133	16	0.16	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.5750	0.0100	0.5668	0.0203	0.0133	16	0.40	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.5761	0.0089	0.5668	0.0203	0.0133	16	0.46	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.6100	0.0200	0.5668	0.0203	0.0133	16	2.13	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.6150	0.0100	0.5668	0.0203	0.0133	16	2.38	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.6200	0.0400	0.5668	0.0203	0.0133	16	2.63	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.5250	0.0100	0.5742	0.0346	0.0165	18	-1.42	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2433	0.5307	0.0217	0.5742	0.0346	0.0165	18	-1.26	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.5450	0.0100	0.5742	0.0346	0.0165	18	-0.85	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.5500	0.0400	0.5742	0.0346	0.0165	18	-0.70	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.5500	0.0200	0.5742	0.0346	0.0165	18	-0.70	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.5546	0.0037	0.5742	0.0346	0.0165	18	-0.57	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.5550	0.0300	0.5742	0.0346	0.0165	18	-0.56	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.5660	0.0220	0.5742	0.0346	0.0165	18	-0.24	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.5660	0.0110	0.5742	0.0346	0.0165	18	-0.24	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.5675	0.0010	0.5742	0.0346	0.0165	18	-0.19	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.5850	0.0100	0.5742	0.0346	0.0165	18	0.31	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.5900	0.0400	0.5742	0.0346	0.0165	18	0.46	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.5905	0.0050	0.5742	0.0346	0.0165	18	0.47	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.5935	0.0010	0.5742	0.0346	0.0165	18	0.56	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.6050	0.0080	0.5742	0.0346	0.0165	18	0.89	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.6165	0.0490	0.5742	0.0346	0.0165	18	1.22	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.6200	0.0000	0.5742	0.0346	0.0165	18	1.32	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.6450	0.0100	0.5742	0.0346	0.0165	18	2.05	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0018	0.5050	0.0200	0.5725	0.0214	0.0137	32	-3.16	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.5200	0.0400	0.5725	0.0214	0.0137	32	-2.46	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.5470	0.0080	0.5725	0.0214	0.0137	32	-1.19	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0848	0.5500	0.0000	0.5725	0.0214	0.0137	32	-1.05	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.5521	0.0144	0.5725	0.0214	0.0137	32	-0.96	2%	0

Method	Analyte	Lab	Lab Data		Robust* Method Values				AAFCO PT	Threshold	
Code	Name and Method (Units)	Code	Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	Flag
031.43	Phosphorus, ICP, Microwave (%)	0675	0.5550	0.0100	0.5725	0.0214	0.0137	32	-0.82	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.5555	0.0030	0.5725	0.0214	0.0137	32	-0.80	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.5595	0.0450	0.5725	0.0214	0.0137	32	-0.61	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.5600	0.0080	0.5725	0.0214	0.0137	32	-0.59	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.5600	0.0000	0.5725	0.0214	0.0137	32	-0.59	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.5600	0.0200	0.5725	0.0214	0.0137	32	-0.59	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.5650	0.0100	0.5725	0.0214	0.0137	32	-0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2115	0.5650	0.0100	0.5725	0.0214	0.0137	32	-0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.5680	0.0240	0.5725	0.0214	0.0137	32	-0.21	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.5700	0.0000	0.5725	0.0214	0.0137	32	-0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.5700	0.0200	0.5725	0.0214	0.0137	32	-0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	0.5700	0.0200	0.5725	0.0214	0.0137	32	-0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	0.5700	0.0400	0.5725	0.0214	0.0137	32	-0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.5734	0.0132	0.5725	0.0214	0.0137	32	0.04	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2476	0.5750	0.0160	0.5725	0.0214	0.0137	32	0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0875	0.5759	0.0028	0.5725	0.0214	0.0137	32	0.16	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.5800	0.0000	0.5725	0.0214	0.0137	32	0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.5850	0.0100	0.5725	0.0214	0.0137	32	0.58	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.5871	0.0054	0.5725	0.0214	0.0137	32	0.68	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.5905	0.0216	0.5725	0.0214	0.0137	32	0.84	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0300	0.5917	0.0093	0.5725	0.0214	0.0137	32	0.89	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	0.5950	0.0120	0.5725	0.0214	0.0137	32	1.05	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.5963	0.0001	0.5725	0.0214	0.0137	32	1.11	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0354	0.6015	0.0050	0.5725	0.0214	0.0137	32	1.35	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	0.6025	0.0110	0.5725	0.0214	0.0137	32	1.40	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	0.6200	0.0000	0.5725	0.0214	0.0137	32	2.22	4%	0
031.43	Phosphorus, ICP, Microwave (%)	2481	0.6200	0.0000	0.5725	0.0214	0.0137	32	2.22	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0011	0.5850	0.0700	0.5725	0.0214	0.0137	32	0.58	1%	1
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.5190	0.0360				2			0
031.44	Phosphorus, ICP, Dry ash (%)	0098	0.5623	0.0014				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.5452	0.0268				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	2066	0.0350	0.0100	0.5496	0.1035	0.0147	6	-4.97	47%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	0.5060	0.0220	0.5496	0.1035	0.0147	6	-0.42	4%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0504	0.5485	0.0030	0.5496	0.1035	0.0147	6	-0.01	0%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.5785	0.0290	0.5496	0.1035	0.0147	6	0.28	3%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.6250	0.0100	0.5496	0.1035	0.0147	6	0.73	7%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.6452	0.0139	0.5496	0.1035	0.0147	6	0.92	9%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.5300	0.0000				3			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.5550	0.0100				3			0
031.99	Phosphorus, Miscellaneous (%)	0852	0.9800	0.0200				3			0
032.02	Potassium, Flame Emission (%)	0884	1.045	0.0100				1			0
032.31	Potassium, AAS, Dry ash (%)	0536	0.8050	0.0100	0.9825	0.1216	0.0179	6	-1.46	9%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
032.31	Potassium, AAS, Dry ash (%)	0948	0.9700	0.0400	0.9825	0.1216	0.0179	6	-0.10	1%	0
032.31	Potassium, AAS, Dry ash (%)	2196	0.9700	0.0000	0.9825	0.1216	0.0179	6	-0.10	1%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.9752	0.0114	0.9825	0.1216	0.0179	6	-0.06	0%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.045	0.0100	0.9825	0.1216	0.0179	6	0.51	3%	0
032.31	Potassium, AAS, Dry ash (%)	0656	1.130	0.0000	0.9825	0.1216	0.0179	6	1.21	8%	0
032.32	Potassium, AAS, Open vessel (%)	0169	1.015	0.0100				1			0
032.33	Potassium, AAS, Microwave (%)	2115	1.090	0.0000				1			0
032.41	Potassium, ICP, Dry ash (%)	0066	0.9195	0.0110	1.016	0.0686	0.0326	14	-1.41	5%	0
032.41	Potassium, ICP, Dry ash (%)	0004	0.9200	0.0200	1.016	0.0686	0.0326	14	-1.40	5%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.9400	0.0400	1.016	0.0686	0.0326	14	-1.11	4%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.9750	0.0900	1.016	0.0686	0.0326	14	-0.60	2%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.9800	0.1400	1.016	0.0686	0.0326	14	-0.53	2%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.005	0.0100	1.016	0.0686	0.0326	14	-0.16	1%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.035	0.0060	1.016	0.0686	0.0326	14	0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.043	0.0091	1.016	0.0686	0.0326	14	0.39	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.045	0.0100	1.016	0.0686	0.0326	14	0.42	1%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.053	0.0398	1.016	0.0686	0.0326	14	0.54	2%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.055	0.0300	1.016	0.0686	0.0326	14	0.57	2%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.065	0.0700	1.016	0.0686	0.0326	14	0.71	2%	0
032.41	Potassium, ICP, Dry ash (%)	0674	1.080	0.0000	1.016	0.0686	0.0326	14	0.93	3%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.110	0.0200	1.016	0.0686	0.0326	14	1.37	5%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.9170	0.0000	1.056	0.0752	0.0315	16	-1.85	7%	0
032.42	Potassium, ICP, Open vessel (%)	2433	0.9594	0.0040	1.056	0.0752	0.0315	16	-1.29	5%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.9750	0.0300	1.056	0.0752	0.0315	16	-1.08	4%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.000	0.0600	1.056	0.0752	0.0315	16	-0.75	3%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.013	0.0010	1.056	0.0752	0.0315	16	-0.58	2%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.015	0.0500	1.056	0.0752	0.0315	16	-0.55	2%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.063	0.0030	1.056	0.0752	0.0315	16	0.08	0%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.065	0.0100	1.056	0.0752	0.0315	16	0.12	0%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.065	0.0500	1.056	0.0752	0.0315	16	0.12	0%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.065	0.0700	1.056	0.0752	0.0315	16	0.12	0%	0
032.42	Potassium, ICP, Open vessel (%)	0202	1.085	0.0300	1.056	0.0752	0.0315	16	0.38	1%	0
032.42	Potassium, ICP, Open vessel (%)	0504	1.090	0.0600	1.056	0.0752	0.0315	16	0.45	2%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.136	0.0036	1.056	0.0752	0.0315	16	1.06	4%	0
032.42	Potassium, ICP, Open vessel (%)	0047	1.140	0.0000	1.056	0.0752	0.0315	16	1.11	4%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.140	0.0200	1.056	0.0752	0.0315	16	1.11	4%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.145	0.0500	1.056	0.0752	0.0315	16	1.18	4%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.280	0.3200	1.056	0.0752	0.0315	16	2.98	11%	1
032.43	Potassium, ICP, Microwave (%)	0083	0.9200	0.0400	1.040	0.0526	0.0254	29	-2.29	6%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.9800	0.0000	1.040	0.0526	0.0254	29	-1.15	3%	0
032.43	Potassium, ICP, Microwave (%)	0001	0.9890	0.0420	1.040	0.0526	0.0254	29	-0.97	2%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.9900	0.0000	1.040	0.0526	0.0254	29	-0.96	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
032.43	Potassium, ICP, Microwave (%)	0028	0.9915	0.0090	1.040	0.0526	0.0254	29	-0.93	2%	0
032.43	Potassium, ICP, Microwave (%)	2326	0.9925	0.0050	1.040	0.0526	0.0254	29	-0.91	2%	0
032.43	Potassium, ICP, Microwave (%)	0511	1.000	0.0200	1.040	0.0526	0.0254	29	-0.77	2%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.005	0.0310	1.040	0.0526	0.0254	29	-0.68	2%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.005	0.0300	1.040	0.0526	0.0254	29	-0.67	2%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.017	0.0008	1.040	0.0526	0.0254	29	-0.44	1%	0
032.43	Potassium, ICP, Microwave (%)	0870	1.019	0.0310	1.040	0.0526	0.0254	29	-0.41	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.025	0.0300	1.040	0.0526	0.0254	29	-0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	0354	1.028	0.0050	1.040	0.0526	0.0254	29	-0.24	1%	0
032.43	Potassium, ICP, Microwave (%)	0011	1.030	0.1000	1.040	0.0526	0.0254	29	-0.20	0%	0
032.43	Potassium, ICP, Microwave (%)	2476	1.039	0.0070	1.040	0.0526	0.0254	29	-0.03	0%	0
032.43	Potassium, ICP, Microwave (%)	0407	1.044	0.0428	1.040	0.0526	0.0254	29	0.07	0%	0
032.43	Potassium, ICP, Microwave (%)	0033	1.045	0.0500	1.040	0.0526	0.0254	29	0.09	0%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.045	0.0100	1.040	0.0526	0.0254	29	0.09	0%	0
032.43	Potassium, ICP, Microwave (%)	0875	1.046	0.0050	1.040	0.0526	0.0254	29	0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.050	0.0000	1.040	0.0526	0.0254	29	0.18	0%	0
032.43	Potassium, ICP, Microwave (%)	0505	1.052	0.0230	1.040	0.0526	0.0254	29	0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.060	0.0000	1.040	0.0526	0.0254	29	0.37	1%	0
032.43	Potassium, ICP, Microwave (%)	2115	1.070	0.0200	1.040	0.0526	0.0254	29	0.57	1%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.100	0.0000	1.040	0.0526	0.0254	29	1.14	3%	0
032.43	Potassium, ICP, Microwave (%)	0089	1.110	0.0000	1.040	0.0526	0.0254	29	1.33	3%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.120	0.0400	1.040	0.0526	0.0254	29	1.52	4%	0
032.43	Potassium, ICP, Microwave (%)	2481	1.125	0.0100	1.040	0.0526	0.0254	29	1.61	4%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.133	0.0970	1.040	0.0526	0.0254	29	1.76	4%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.409	0.0240	1.040	0.0526	0.0254	29	7.01	18%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.058	0.1350	1.040	0.0526	0.0254	29	0.33	1%	1
032.44	Potassium, ICP, Dry ash (%)	0098	1.045	0.0100				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	0.9744	0.0610				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	1.055	0.0100				2			0
032.53	Potassium, ICP-MS, Microwave (%)	2066	0.0800	0.0000	0.9799	0.1842	0.0337	6	-4.88	46%	0
032.53	Potassium, ICP-MS, Microwave (%)	0199	0.9240	0.0500	0.9799	0.1842	0.0337	6	-0.30	3%	0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.9700	0.0040	0.9799	0.1842	0.0337	6	-0.05	1%	0
032.53	Potassium, ICP-MS, Microwave (%)	0504	1.000	0.0200	0.9799	0.1842	0.0337	6	0.11	1%	0
032.53	Potassium, ICP-MS, Microwave (%)	0407	1.132	0.0744	0.9799	0.1842	0.0337	6	0.82	8%	0
032.53	Potassium, ICP-MS, Microwave (%)	0939	1.150	0.0200	0.9799	0.1842	0.0337	6	0.92	9%	0
032.99	Potassium, Miscellaneous (%)	2302	0.9390	0.0100	1.007	0.0401	0.0110	5			0
032.99	Potassium, Miscellaneous (%)	0242	1.010	0.0200	1.007	0.0401	0.0110	5			0
032.99	Potassium, Miscellaneous (%)	0590	1.015	0.0100	1.007	0.0401	0.0110	5			0
032.99	Potassium, Miscellaneous (%)	0100	1.025	0.0100	1.007	0.0401	0.0110	5			0
032.99	Potassium, Miscellaneous (%)	0001	1.045	0.0050	1.007	0.0401	0.0110	5			0
033.00	Salt as chloride, Sol Cl (%)	0366	0.8450	0.0700	1.626	0.0966	0.0404	10	-8.08	24%	0
033.00	Salt as chloride, Sol Cl (%)	0539	1.505	0.0500	1.626	0.0966	0.0404	10	-1.25	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
033.00	Salt as chloride, Sol Cl (%)	0675	1.555	0.0100	1.626	0.0966	0.0404	10	-0.73	2%	0
033.00	Salt as chloride, Sol Cl (%)	0504	1.640	0.0200	1.626	0.0966	0.0404	10	0.15	0%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.651	0.0086	1.626	0.0966	0.0404	10	0.26	1%	0
033.00	Salt as chloride, Sol Cl (%)	2196	1.660	0.0000	1.626	0.0966	0.0404	10	0.36	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.665	0.0300	1.626	0.0966	0.0404	10	0.41	1%	0
033.00	Salt as chloride, Sol Cl (%)	0884	1.665	0.0500	1.626	0.0966	0.0404	10	0.41	1%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.680	0.0400	1.626	0.0966	0.0404	10	0.56	2%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.755	0.1500	1.626	0.0966	0.0404	10	1.34	4%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.7850	0.0100	1.653	0.0267	0.0167	22	-32.44	26%	0
033.01	Salt as chloride, Poten Cl (%)	0199	1.010	0.0200	1.653	0.0267	0.0167	22	-24.03	19%	0
033.01	Salt as chloride, Poten Cl (%)	0682	1.620	0.0000	1.653	0.0267	0.0167	22	-1.23	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.625	0.0100	1.653	0.0267	0.0167	22	-1.04	1%	0
033.01	Salt as chloride, Poten Cl (%)	2190	1.633	0.0004	1.653	0.0267	0.0167	22	-0.73	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.635	0.0300	1.653	0.0267	0.0167	22	-0.67	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	1.640	0.0200	1.653	0.0267	0.0167	22	-0.48	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.645	0.0300	1.653	0.0267	0.0167	22	-0.29	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	1.650	0.0200	1.653	0.0267	0.0167	22	-0.11	0%	0
033.01	Salt as chloride, Poten Cl (%)	0004	1.650	0.0000	1.653	0.0267	0.0167	22	-0.11	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.650	0.0200	1.653	0.0267	0.0167	22	-0.11	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.656	0.0130	1.653	0.0267	0.0167	22	0.10	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.660	0.0200	1.653	0.0267	0.0167	22	0.27	0%	0
033.01	Salt as chloride, Poten Cl (%)	2319	1.660	0.0000	1.653	0.0267	0.0167	22	0.27	0%	0
033.01	Salt as chloride, Poten Cl (%)	0019	1.663	0.0150	1.653	0.0267	0.0167	22	0.36	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.665	0.0100	1.653	0.0267	0.0167	22	0.45	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.670	0.0200	1.653	0.0267	0.0167	22	0.64	1%	0
033.01	Salt as chloride, Poten Cl (%)	0590	1.670	0.0000	1.653	0.0267	0.0167	22	0.64	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.675	0.0100	1.653	0.0267	0.0167	22	0.83	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	1.685	0.0100	1.653	0.0267	0.0167	22	1.20	1%	0
033.01	Salt as chloride, Poten Cl (%)	0186	1.705	0.0300	1.653	0.0267	0.0167	22	1.95	2%	0
033.01	Salt as chloride, Poten Cl (%)	2115	1.715	0.0100	1.653	0.0267	0.0167	22	2.32	2%	0
033.01	Salt as chloride, Poten Cl (%)	0596	1.670	0.1400	1.653	0.0267	0.0167	22	0.64	1%	1
033.01	Salt as chloride, Poten Cl (%)	2268	1.715	0.1500	1.653	0.0267	0.0167	22	2.32	2%	1
033.03	Salt as chloride, Quantab (%)	0190	0.1340	0.0080	0.8726	0.7311	0.0652	5			0
033.03	Salt as chloride, Quantab (%)	0726	0.1340	0.0080	0.8726	0.7311	0.0652	5			0
033.03	Salt as chloride, Quantab (%)	0089	0.9050	0.0100	0.8726	0.7311	0.0652	5			0
033.03	Salt as chloride, Quantab (%)	0505	1.560	0.1600	0.8726	0.7311	0.0652	5			0
033.03	Salt as chloride, Quantab (%)	2076	1.630	0.1400	0.8726	0.7311	0.0652	5			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	1.580	0.0200				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.665	0.0100				2			0
033.99	Salt, Miscellaneous (%)	0300	1.210	0.0400	1.380	0.2251	0.0361	8	-0.75	6%	0
033.99	Salt, Miscellaneous (%)	0358	1.220	0.0000	1.380	0.2251	0.0361	8	-0.71	6%	0
033.99	Salt, Miscellaneous (%)	2476	1.221	0.0100	1.380	0.2251	0.0361	8	-0.71	6%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
033.99	Salt, Miscellaneous (%)	0028	1.240	0.0770	1.380	0.2251	0.0361	8	-0.62	5%	0
033.99	Salt, Miscellaneous (%)	0536	1.305	0.0100	1.380	0.2251	0.0361	8	-0.33	3%	0
033.99	Salt, Miscellaneous (%)	0910	1.565	0.0300	1.380	0.2251	0.0361	8	0.82	7%	0
033.99	Salt, Miscellaneous (%)	2181	1.605	0.0500	1.380	0.2251	0.0361	8	1.00	8%	0
033.99	Salt, Miscellaneous (%)	2129	1.673	0.0380	1.380	0.2251	0.0361	8	1.30	11%	0
034.01	Selenium, Total (Se), Fluor (ppm)	0038	0.9100	0.0080				1			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.6145	0.0050				2			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	0.8150	0.0300				2			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0598	0.2769	0.0322				2			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0148	0.7950	0.0860				2			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0692	1.585	1.050				1			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	2115	0.7550	0.0100				3			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0066	0.7715	0.0190				3			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0278	1.025	0.1100				3			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	2476	0.0000	0.0000				3			4
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0964	< 0.29					3			5
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0629	< 2.5					3			5
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5					3			5
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0047	0.5750	0.0300				2			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0186	1.251	0.0271				2			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0199	0.6500	0.0420	0.8802	0.1562	0.0564	7	-1.47	13%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0553	0.8240	0.0220	0.8802	0.1562	0.0564	7	-0.36	3%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0033	0.8365	0.0890	0.8802	0.1562	0.0564	7	-0.28	2%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0009	0.8848	0.0326	0.8802	0.1562	0.0564	7	0.03	0%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	2066	0.9100	0.0000	0.8802	0.1562	0.0564	7	0.19	2%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0504	0.9455	0.0730	0.8802	0.1562	0.0564	7	0.42	4%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0407	1.343	0.0795	0.8802	0.1562	0.0564	7	2.97	26%	0
034.99	Selenium, Total (Se), Miscellaneous (ppm)	0190	1.315	0.0060				1			0
034.99	Selenium, Total (Se), Miscellaneous (ppm)	2302	0.0000	0.0000				1			4
035.02	Sodium, Em Spect (%)	0884	0.4500	0.0000				1			0
035.05	Sodium, Flame Emission (%)	0108	0.4450	0.0300				1			0
035.31	Sodium, AAS, Dry ash (%)	0038	0.4280	0.0040	0.4771	0.0546	0.0096	6	-0.90	5%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.4400	0.0200	0.4771	0.0546	0.0096	6	-0.68	4%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.4603	0.0038	0.4771	0.0546	0.0096	6	-0.31	2%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.4700	0.0000	0.4771	0.0546	0.0096	6	-0.13	1%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.5050	0.0100	0.4771	0.0546	0.0096	6	0.51	3%	0
035.31	Sodium, AAS, Dry ash (%)	0536	1.425	0.0100	0.4771	0.0546	0.0096	6	17.35	99%	0
035.33	Sodium, AAS, Microwave (%)	2115	0.4900	0.0000				1			0
035.41	Sodium, ICP, Dry ash (%)	0004	0.4300	0.0000	0.4746	0.0144	0.0110	13	-3.09	5%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.4550	0.0300	0.4746	0.0144	0.0110	13	-1.36	2%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.4655	0.0029	0.4746	0.0144	0.0110	13	-0.63	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.4700	0.0000	0.4746	0.0144	0.0110	13	-0.32	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
035.41	Sodium, ICP, Dry ash (%)	0066	0.4720	0.0040	0.4746	0.0144	0.0110	13	-0.18	0%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.4723	0.0002	0.4746	0.0144	0.0110	13	-0.16	0%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.4750	0.0100	0.4746	0.0144	0.0110	13	0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.4758	0.0150	0.4746	0.0144	0.0110	13	0.08	0%	0
035.41	Sodium, ICP, Dry ash (%)	2482	0.4783	0.0028	0.4746	0.0144	0.0110	13	0.26	0%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.4800	0.0000	0.4746	0.0144	0.0110	13	0.38	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.4815	0.0190	0.4746	0.0144	0.0110	13	0.48	1%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.4950	0.0100	0.4746	0.0144	0.0110	13	1.42	2%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.5300	0.0200	0.4746	0.0144	0.0110	13	3.84	6%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.4800	0.0600	0.4746	0.0144	0.0110	13	0.38	1%	1
035.42	Sodium, ICP, Open vessel (%)	2129	0.4150	0.0080	0.4924	0.0338	0.0225	17	-2.29	8%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.4375	0.0570	0.4924	0.0338	0.0225	17	-1.62	6%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.4505	0.0015	0.4924	0.0338	0.0225	17	-1.24	4%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.4680	0.0040	0.4924	0.0338	0.0225	17	-0.72	2%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.4800	0.0060	0.4924	0.0338	0.0225	17	-0.37	1%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.4855	0.0010	0.4924	0.0338	0.0225	17	-0.20	1%	0
035.42	Sodium, ICP, Open vessel (%)	2433	0.4865	0.0090	0.4924	0.0338	0.0225	17	-0.17	1%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.4900	0.0200	0.4924	0.0338	0.0225	17	-0.07	0%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.4900	0.0600	0.4924	0.0338	0.0225	17	-0.07	0%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.4945	0.0510	0.4924	0.0338	0.0225	17	0.06	0%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.5000	0.0000	0.4924	0.0338	0.0225	17	0.23	1%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.5108	0.0224	0.4924	0.0338	0.0225	17	0.54	2%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.5130	0.0300	0.4924	0.0338	0.0225	17	0.61	2%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.5250	0.0500	0.4924	0.0338	0.0225	17	0.96	3%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.5250	0.0100	0.4924	0.0338	0.0225	17	0.96	3%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.5300	0.0000	0.4924	0.0338	0.0225	17	1.11	4%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.5385	0.0090	0.4924	0.0338	0.0225	17	1.36	5%	0
035.43	Sodium, ICP, Microwave (%)	0968	0.4445	0.0010	0.4798	0.0196	0.0107	21	-1.81	4%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.4550	0.0028	0.4798	0.0196	0.0107	21	-1.27	3%	0
035.43	Sodium, ICP, Microwave (%)	2326	0.4610	0.0100	0.4798	0.0196	0.0107	21	-0.96	2%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.4650	0.0100	0.4798	0.0196	0.0107	21	-0.76	2%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.4700	0.0000	0.4798	0.0196	0.0107	21	-0.50	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.4700	0.0000	0.4798	0.0196	0.0107	21	-0.50	1%	0
035.43	Sodium, ICP, Microwave (%)	2115	0.4700	0.0000	0.4798	0.0196	0.0107	21	-0.50	1%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.4741	0.0079	0.4798	0.0196	0.0107	21	-0.30	1%	0
035.43	Sodium, ICP, Microwave (%)	0875	0.4750	0.0083	0.4798	0.0196	0.0107	21	-0.25	1%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.4750	0.0100	0.4798	0.0196	0.0107	21	-0.25	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.4750	0.0100	0.4798	0.0196	0.0107	21	-0.25	1%	0
035.43	Sodium, ICP, Microwave (%)	0300	0.4760	0.0180	0.4798	0.0196	0.0107	21	-0.20	0%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.4790	0.0117	0.4798	0.0196	0.0107	21	-0.05	0%	0
035.43	Sodium, ICP, Microwave (%)	0354	0.4795	0.0010	0.4798	0.0196	0.0107	21	-0.02	0%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.4800	0.0120	0.4798	0.0196	0.0107	21	0.01	0%	0

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035.43	Sodium, ICP, Microwave (%)	0407	0.4965	0.0219	0.4798	0.0196	0.0107	21	0.85	2%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.5000	0.0000	0.4798	0.0196	0.0107	21	1.03	2%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.5050	0.0300	0.4798	0.0196	0.0107	21	1.29	3%	0
035.43	Sodium, ICP, Microwave (%)	2481	0.5050	0.0100	0.4798	0.0196	0.0107	21	1.29	3%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.5060	0.0020	0.4798	0.0196	0.0107	21	1.34	3%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.5170	0.0240	0.4798	0.0196	0.0107	21	1.90	4%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.4350	0.0500	0.4798	0.0196	0.0107	21	-2.29	5%	1
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.4658	0.0158				1			0
035.53	Sodium, ICP-MS, Microwave (%)	2066	0.0400	0.0000	0.3558	0.2284	0.0115	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.3425	0.0130	0.3558	0.2284	0.0115	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.4857	0.0115	0.3558	0.2284	0.0115	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.5550	0.0100	0.3558	0.2284	0.0115	4			0
035.99	Sodium, Miscellaneous (%)	0242	0.4600	0.0000	0.4725	0.0119	0.0133	4			0
035.99	Sodium, Miscellaneous (%)	0590	0.4650	0.0100	0.4725	0.0119	0.0133	4			0
035.99	Sodium, Miscellaneous (%)	2302	0.4800	0.0200	0.4725	0.0119	0.0133	4			0
035.99	Sodium, Miscellaneous (%)	0100	0.4850	0.0100	0.4725	0.0119	0.0133	4			0
036.04	Sulfur, LECO (%)	0148	0.3280	0.0100	0.3445	0.0197	0.0120	4			0
036.04	Sulfur, LECO (%)	0948	0.3300	0.0060	0.3445	0.0197	0.0120	4			0
036.04	Sulfur, LECO (%)	0226	0.3500	0.0000	0.3445	0.0197	0.0120	4			0
036.04	Sulfur, LECO (%)	0229	0.3700	0.0200	0.3445	0.0197	0.0120	4			0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.2895	0.0150	0.3234	0.0243	0.0113	14	-1.39	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.2900	0.0000	0.3234	0.0243	0.0113	14	-1.37	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.2950	0.0100	0.3234	0.0243	0.0113	14	-1.17	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.3057	0.0001	0.3234	0.0243	0.0113	14	-0.73	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.3150	0.0100	0.3234	0.0243	0.0113	14	-0.34	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.3192	0.0119	0.3234	0.0243	0.0113	14	-0.17	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.3300	0.0200	0.3234	0.0243	0.0113	14	0.27	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.3300	0.0200	0.3234	0.0243	0.0113	14	0.27	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.3300	0.0000	0.3234	0.0243	0.0113	14	0.27	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.3375	0.0170	0.3234	0.0243	0.0113	14	0.58	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.3400	0.0000	0.3234	0.0243	0.0113	14	0.68	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.3456	0.0028	0.3234	0.0243	0.0113	14	0.91	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.3500	0.0060	0.3234	0.0243	0.0113	14	1.09	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.3500	0.0000	0.3234	0.0243	0.0113	14	1.09	4%	0
036.43	Sulfur, ICP, Microwave (%)	2326	0.2985	0.0030	0.3366	0.0126	0.0094	13	-3.01	6%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.3250	0.0100	0.3366	0.0126	0.0094	13	-0.92	2%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.3250	0.0100	0.3366	0.0126	0.0094	13	-0.92	2%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.3270	0.0021	0.3366	0.0126	0.0094	13	-0.76	1%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.3300	0.0000	0.3366	0.0126	0.0094	13	-0.52	1%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.3321	0.0124	0.3366	0.0126	0.0094	13	-0.35	1%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.3400	0.0000	0.3366	0.0126	0.0094	13	0.27	1%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.3425	0.0188	0.3366	0.0126	0.0094	13	0.47	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
036.43	Sulfur, ICP, Microwave (%)	0968	0.3430	0.0020	0.3366	0.0126	0.0094	13	0.51	1%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.3450	0.0100	0.3366	0.0126	0.0094	13	0.67	1%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.3450	0.0100	0.3366	0.0126	0.0094	13	0.67	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.3483	0.0153	0.3366	0.0126	0.0094	13	0.92	2%	0
036.43	Sulfur, ICP, Microwave (%)	2481	0.3550	0.0100	0.3366	0.0126	0.0094	13	1.46	3%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.3329	0.0136				1			0
036.53	Sulfur, ICP-MS, Microwave (%)	2066	0.0400	0.0000				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.2850	0.0100				2			0
036.99	Sulfur, Miscellaneous (%)	2302	156.5	1.160				2			0
037.31	Zinc, AAS, Dry ash (ppm)	0689	114.3	10.60	126.4	8.857	5.224	9	-1.37	5%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	118.3	0.9850	126.4	8.857	5.224	9	-0.92	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	122.2	0.0000	126.4	8.857	5.224	9	-0.48	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	126.2	2.160	126.4	8.857	5.224	9	-0.02	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	126.3	1.800	126.4	8.857	5.224	9	-0.01	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0884	126.4	4.400	126.4	8.857	5.224	9	0.00	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	129.5	3.300	126.4	8.857	5.224	9	0.34	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0948	134.9	13.32	126.4	8.857	5.224	9	0.95	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0656	141.4	0.0000	126.4	8.857	5.224	9	1.70	6%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	119.0	16.00				1			0
037.41	Zinc, ICP, Dry ash (ppm)	0520	109.7	8.123	125.4	8.376	2.723	13	-1.88	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	116.3	0.7000	125.4	8.376	2.723	13	-1.08	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	119.0	4.050	125.4	8.376	2.723	13	-0.76	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	119.6	0.1334	125.4	8.376	2.723	13	-0.69	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	122.7	5.700	125.4	8.376	2.723	13	-0.33	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	124.0	12.00	125.4	8.376	2.723	13	-0.17	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	125.4	0.8000	125.4	8.376	2.723	13	-0.01	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	2482	126.1	0.6000	125.4	8.376	2.723	13	0.08	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	127.5	1.000	125.4	8.376	2.723	13	0.25	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	132.4	0.6800	125.4	8.376	2.723	13	0.83	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	132.5	0.5000	125.4	8.376	2.723	13	0.84	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	135.7	3.389	125.4	8.376	2.723	13	1.23	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0674	136.4	0.0000	125.4	8.376	2.723	13	1.31	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	136.1	21.69	125.4	8.376	2.723	13	1.28	4%	1
037.42	Zinc, ICP, Open vessel (ppm)	0870	101.2	1.700	123.2	11.60	4.220	17	-1.90	9%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	103.3	0.7000	123.2	11.60	4.220	17	-1.72	8%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	111.1	0.3300	123.2	11.60	4.220	17	-1.04	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	118.4	1.927	123.2	11.60	4.220	17	-0.41	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	2433	118.9	5.702	123.2	11.60	4.220	17	-0.37	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	119.5	21.00	123.2	11.60	4.220	17	-0.32	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	122.0	16.00	123.2	11.60	4.220	17	-0.10	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	122.5	3.000	123.2	11.60	4.220	17	-0.06	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	122.6	5.410	123.2	11.60	4.220	17	-0.05	0%	0

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037.42	Zinc, ICP, Open vessel (ppm)	0045	123.0	14.00	123.2	11.60	4.220	17	-0.02	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	124.2	1.900	123.2	11.60	4.220	17	0.08	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	124.5	0.3000	123.2	11.60	4.220	17	0.11	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	128.5	3.000	123.2	11.60	4.220	17	0.46	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0202	129.0	8.000	123.2	11.60	4.220	17	0.50	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	137.9	0.9800	123.2	11.60	4.220	17	1.27	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	140.0	0.0000	123.2	11.60	4.220	17	1.45	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0504	144.0	2.000	123.2	11.60	4.220	17	1.79	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	106.0	2.100	126.1	13.02	3.606	26	-1.55	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	108.5	5.000	126.1	13.02	3.606	26	-1.35	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0354	113.0	0.4200	126.1	13.02	3.606	26	-1.00	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	115.0	0.0000	126.1	13.02	3.606	26	-0.85	4%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	115.0	2.000	126.1	13.02	3.606	26	-0.85	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0001	116.5	5.000	126.1	13.02	3.606	26	-0.74	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0028	117.4	3.016	126.1	13.02	3.606	26	-0.67	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	117.7	3.093	126.1	13.02	3.606	26	-0.65	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0010	118.0	8.900	126.1	13.02	3.606	26	-0.62	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0848	118.1	1.930	126.1	13.02	3.606	26	-0.61	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0875	120.2	0.5550	126.1	13.02	3.606	26	-0.45	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	121.8	0.0000	126.1	13.02	3.606	26	-0.32	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0629	124.0	2.000	126.1	13.02	3.606	26	-0.16	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	124.1	1.290	126.1	13.02	3.606	26	-0.15	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	125.4	0.3000	126.1	13.02	3.606	26	-0.05	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0033	129.5	9.000	126.1	13.02	3.606	26	0.26	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	132.5	7.000	126.1	13.02	3.606	26	0.49	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	134.2	5.000	126.1	13.02	3.606	26	0.62	3%	0
037.43	Zinc, ICP, Microwave (ppm)	2476	136.5	4.370	126.1	13.02	3.606	26	0.80	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	137.5	5.000	126.1	13.02	3.606	26	0.88	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	138.5	0.7000	126.1	13.02	3.606	26	0.95	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	138.8	8.066	126.1	13.02	3.606	26	0.98	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	139.6	1.900	126.1	13.02	3.606	26	1.04	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	139.7	0.5000	126.1	13.02	3.606	26	1.04	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0038	144.5	5.000	126.1	13.02	3.606	26	1.42	7%	0
037.43	Zinc, ICP, Microwave (ppm)	2481	154.3	6.300	126.1	13.02	3.606	26	2.17	11%	0
037.43	Zinc, ICP, Microwave (ppm)	0964	133.0	16.00	126.1	13.02	3.606	26	0.53	3%	1
037.43	Zinc, ICP, Microwave (ppm)	0345	251.6	1.500	126.1	13.02	3.606	26	9.64	50%	2
037.44	Zinc, ICP, Dry ash (ppm)	0066	94.69	3.380				2			0
037.44	Zinc, ICP, Dry ash (ppm)	0098	118.9	6.500				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	129.7	8.200				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	132.9	6.340				2			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0199	101.8	2.730	121.4	14.15	3.887	6	-1.39	8%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	2066	117.0	4.000	121.4	14.15	3.887	6	-0.31	2%	0

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037.53	Zinc, ICP-MS, Microwave (ppm)	0939	120.5	5.000	121.4	14.15	3.887	6	-0.06	0%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0504	123.0	4.000	121.4	14.15	3.887	6	0.11	1%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	126.0	2.000	121.4	14.15	3.887	6	0.33	2%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	140.1	5.595	121.4	14.15	3.887	6	1.32	8%	0
037.99	Zinc, Miscellaneous (ppm)	2302	114.8	0.4100	123.1	8.070	4.853	4			0
037.99	Zinc, Miscellaneous (ppm)	0242	117.5	5.000	123.1	8.070	4.853	4			0
037.99	Zinc, Miscellaneous (ppm)	0100	130.0	10.00	123.1	8.070	4.853	4			0
037.99	Zinc, Miscellaneous (ppm)	0590	130.0	4.000	123.1	8.070	4.853	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	2.340	0.0000				2			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	2.512	0.0995				2			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0202	2.170	0.1400	2.816	0.7401	0.4064	6	-0.87	11%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	2.290	0.3000	2.816	0.7401	0.4064	6	-0.71	9%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0366	2.550	0.1000	2.816	0.7401	0.4064	6	-0.36	5%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	2.690	0.0800	2.816	0.7401	0.4064	6	-0.17	2%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0692	3.345	2.030	2.816	0.7401	0.4064	6	0.72	9%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	3.850	0.7000	2.816	0.7401	0.4064	6	1.40	18%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	2.200	0.0000	2.717	0.3352	0.2354	12	-1.54	10%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	2.350	0.1000	2.717	0.3352	0.2354	12	-1.09	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0629	2.520	0.1200	2.717	0.3352	0.2354	12	-0.59	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	2.560	0.3200	2.717	0.3352	0.2354	12	-0.47	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	2.600	0.4000	2.717	0.3352	0.2354	12	-0.35	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0038	2.620	0.5600	2.717	0.3352	0.2354	12	-0.29	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0148	2.785	0.3300	2.717	0.3352	0.2354	12	0.20	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	2.786	0.0016	2.717	0.3352	0.2354	12	0.21	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	2.916	0.3807	2.717	0.3352	0.2354	12	0.59	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0939	2.950	0.0400	2.717	0.3352	0.2354	12	0.70	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	2476	3.080	0.0000	2.717	0.3352	0.2354	12	1.08	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	4.226	0.1160	2.717	0.3352	0.2354	12	4.50	28%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	2.205	0.2700				1			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0199	1.787	0.1430	2.879	0.6865	0.5046	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	2.650	0.1202	2.879	0.6865	0.5046	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	3.170	0.3000	2.879	0.6865	0.5046	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0033	3.290	0.7600	2.879	0.6865	0.5046	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0504	3.500	1.200	2.879	0.6865	0.5046	5			0
040.43	Barium, ICP, Microwave (ppm)	2481	12.45	0.1300				1			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	11.17	0.7295				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.2598	0.0244				1			0
042.00	Chloride, Titrimetric (%)	0226	0.9900	0.0200	1.015	0.0286	0.0185	7	-0.86	1%	0
042.00	Chloride, Titrimetric (%)	0629	0.9900	0.0200	1.015	0.0286	0.0185	7	-0.86	1%	0
042.00	Chloride, Titrimetric (%)	0720	1.000	0.0200	1.015	0.0286	0.0185	7	-0.51	1%	0
042.00	Chloride, Titrimetric (%)	0948	1.010	0.0000	1.015	0.0286	0.0185	7	-0.16	0%	0
042.00	Chloride, Titrimetric (%)	2129	1.015	0.0230	1.015	0.0286	0.0185	7	0.00	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
042.00	Chloride, Titrimetric (%)	2433	1.042	0.0162	1.015	0.0286	0.0185	7	0.96	1%	0
042.00	Chloride, Titrimetric (%)	2326	1.055	0.0100	1.015	0.0286	0.0185	7	1.41	2%	0
042.99	Chloride, Miscellaneous (%)	2302	0.9600	0.0000				3			0
042.99	Chloride, Miscellaneous (%)	0160	0.9950	0.0300				3			0
042.99	Chloride, Miscellaneous (%)	0297	1.090	0.1200				3			0
104.03	Riboflavin, LC (ppm)	2319	0.7250	0.0100				2			0
104.03	Riboflavin, LC (ppm)	2302	34.50	1.000				2			0
106.01	Vitamin A, UV (KU / kg)	0098	12.55	1.100				1			0
106.02	Vitamin A, LC (KU / kg)	0870	12.48	4.710	20.80	9.207	5.072	7	-0.90	20%	0
106.02	Vitamin A, LC (KU / kg)	2319	13.65	2.700	20.80	9.207	5.072	7	-0.78	17%	0
106.02	Vitamin A, LC (KU / kg)	0148	15.32	3.611	20.80	9.207	5.072	7	-0.60	13%	0
106.02	Vitamin A, LC (KU / kg)	0038	19.65	6.900	20.80	9.207	5.072	7	-0.13	3%	0
106.02	Vitamin A, LC (KU / kg)	0563	21.90	2.512	20.80	9.207	5.072	7	0.12	3%	0
106.02	Vitamin A, LC (KU / kg)	0199	28.00	0.0000	20.80	9.207	5.072	7	0.78	17%	0
106.02	Vitamin A, LC (KU / kg)	0689	13,565	10.00	20.80	9.207	5.072	7	>100	32553%	0
106.02	Vitamin A, LC (KU / kg)	2302	8,411	821.6	20.80	9.207	5.072	7	>100	20165%	1
106.03		0581	25.87	1.290				1			0
106.99	Vitamin A, Miscellaneous (KU / kg)	0160	11.13	2.950				1			0
107.99	Vitamin B12, Miscellaneous (ppb)	2319	< 20					0			5
108.02	Vitamin D3, LC (KU / kg)	0148	2.626	0.0264				3			0
108.02	Vitamin D3, LC (KU / kg)	2319	3.925	1.710				3			0
108.02	Vitamin D3, LC (KU / kg)	0870	7.073	3.998				3			0
108.02	Vitamin D3, LC (KU / kg)	2302	0.0000	0.0000				3			4
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	3.205	0.7300				2			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0160	4.020	1.360				2			0
109.02	Vitamin E, LC (IU / kg)	0098	46.15	12.30	75.78	25.83	7.093	7	-1.15	20%	0
109.02	Vitamin E, LC (IU / kg)	0563	59.77	11.35	75.78	25.83	7.093	7	-0.62	11%	0
109.02	Vitamin E, LC (IU / kg)	2188	65.06	0.9700	75.78	25.83	7.093	7	-0.42	7%	0
109.02	Vitamin E, LC (IU / kg)	0675	67.54	1.390	75.78	25.83	7.093	7	-0.32	5%	0
109.02	Vitamin E, LC (IU / kg)	0148	83.65	7.600	75.78	25.83	7.093	7	0.30	5%	0
109.02	Vitamin E, LC (IU / kg)	0870	96.22	15.94	75.78	25.83	7.093	7	0.79	13%	0
109.02	Vitamin E, LC (IU / kg)	0199	112.1	0.1000	75.78	25.83	7.093	7	1.40	24%	0
109.03		0581	74.45	4.280				1			0
112.01	Pyridoxine, LC (µg / g)	2319	4.155	0.3500				1			0
113.02	Folic acid, LC (ppm)	0870	0.1207	0.0000				1			0
113.02	Folic acid, LC (ppm)	2319	< 0.13					1			5
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0407	0.0800	0.0620				2			0
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0098	2.755	0.0300				2			0
115.99	Non Protein N (NPN), Miscellaneous (%)	2129	0.7060	0.1220				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	2022	0.8425	0.0010	0.8874	0.0188	0.0119	13	-2.39	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.8650	0.0040	0.8874	0.0188	0.0119	13	-1.19	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.8750	0.0100	0.8874	0.0188	0.0119	13	-0.66	1%	0

Method	Analyte	Lab	Lab Data		Robust* Method Values				AAFCO PT	Threshold	
Code	Name and Method (Units)	Code	Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	Flag
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.8750	0.0000	0.8874	0.0188	0.0119	13	-0.66	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.8785	0.0170	0.8874	0.0188	0.0119	13	-0.47	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.8850	0.0300	0.8874	0.0188	0.0119	13	-0.13	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.8870	0.0040	0.8874	0.0188	0.0119	13	-0.02	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.8945	0.0030	0.8874	0.0188	0.0119	13	0.38	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	0.8950	0.0500	0.8874	0.0188	0.0119	13	0.40	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.8985	0.0150	0.8874	0.0188	0.0119	13	0.59	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.9000	0.0000	0.8874	0.0188	0.0119	13	0.67	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.9080	0.0100	0.8874	0.0188	0.0119	13	1.10	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.9169	0.0113	0.8874	0.0188	0.0119	13	1.57	2%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.8955	0.0130				1			0
120.05	Alanine, Pre-col AQC Der (%)	2246	0.8054	0.0143	0.8834	0.0415	0.0100	9	-1.88	4%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.8375	0.0150	0.8834	0.0415	0.0100	9	-1.11	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0242	0.8750	0.0100	0.8834	0.0415	0.0100	9	-0.20	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	0.8800	0.0000	0.8834	0.0415	0.0100	9	-0.08	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.8834	0.0011	0.8834	0.0415	0.0100	9	0.00	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0870	0.8985	0.0110	0.8834	0.0415	0.0100	9	0.36	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.8990	0.0080	0.8834	0.0415	0.0100	9	0.38	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.9180	0.0000	0.8834	0.0415	0.0100	9	0.83	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0682	0.9380	0.0000	0.8834	0.0415	0.0100	9	1.32	3%	0
120.99	Alanine, Miscellaneous (%)	0889	0.9025	0.0050				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	2022	0.9850	0.0020	1.045	0.0269	0.0094	12	-2.23	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.018	0.0030	1.045	0.0269	0.0094	12	-1.02	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.031	0.0170	1.045	0.0269	0.0094	12	-0.54	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.032	0.0170	1.045	0.0269	0.0094	12	-0.50	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.035	0.0100	1.045	0.0269	0.0094	12	-0.37	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	1.035	0.0500	1.045	0.0269	0.0094	12	-0.37	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.045	0.0110	1.045	0.0269	0.0094	12	-0.02	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.055	0.0100	1.045	0.0269	0.0094	12	0.37	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.064	0.0039	1.045	0.0269	0.0094	12	0.71	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.065	0.0020	1.045	0.0269	0.0094	12	0.74	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.072	0.0000	1.045	0.0269	0.0094	12	1.00	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.086	0.0070	1.045	0.0269	0.0094	12	1.50	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	1.070	0.2800	1.045	0.0269	0.0094	12	0.93	1%	1
121.02	Arginine, Post-col OPA Der (%)	0098	1.005	0.0060				1			0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.9870	0.0100	1.060	0.0703	0.0147	8	-1.04	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0870	1.005	0.0120	1.060	0.0703	0.0147	8	-0.79	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	1.009	0.0013	1.060	0.0703	0.0147	8	-0.74	2%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	1.020	0.0000	1.060	0.0703	0.0147	8	-0.57	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	1.089	0.0200	1.060	0.0703	0.0147	8	0.41	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0682	1.108	0.0000	1.060	0.0703	0.0147	8	0.68	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0242	1.115	0.0300	1.060	0.0703	0.0147	8	0.78	3%	0

Test Material Code # 202525

Method Proficiency Testing Report

Issue Date : 06/30/2025

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
121.05	Arginine, Pre-col AQC Der (%)	2196	1.150	0.0000	1.060	0.0703	0.0147	8	1.28	4%	0
121.05	Arginine, Pre-col AQC Der (%)	2246	0.9590	0.0674	1.060	0.0703	0.0147	8	-1.44	5%	1
121.99	Arginine, Miscellaneous (%)	0889	1.145	0.0000				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2022	1.378	0.0060	1.429	0.0318	0.0156	13	-1.61	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.388	0.0050	1.429	0.0318	0.0156	13	-1.31	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.409	0.0100	1.429	0.0318	0.0156	13	-0.63	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.410	0.0200	1.429	0.0318	0.0156	13	-0.60	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.418	0.0160	1.429	0.0318	0.0156	13	-0.35	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.425	0.0300	1.429	0.0318	0.0156	13	-0.13	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.427	0.0000	1.429	0.0318	0.0156	13	-0.07	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.437	0.0010	1.429	0.0318	0.0156	13	0.23	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	1.440	0.0600	1.429	0.0318	0.0156	13	0.34	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.453	0.0333	1.429	0.0318	0.0156	13	0.75	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.454	0.0070	1.429	0.0318	0.0156	13	0.77	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.465	0.0100	1.429	0.0318	0.0156	13	1.13	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.473	0.0130	1.429	0.0318	0.0156	13	1.37	2%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.428	0.0130				1			0
122.05	Aspartic, Pre-col AQC Der (%)	2246	1.256	0.0028	1.454	0.0848	0.0350	9	-2.33	7%	0
122.05	Aspartic, Pre-col AQC Der (%)	0870	1.397	0.0670	1.454	0.0848	0.0350	9	-0.68	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.424	0.0000	1.454	0.0848	0.0350	9	-0.35	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	1.430	0.0000	1.454	0.0848	0.0350	9	-0.28	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.431	0.0130	1.454	0.0848	0.0350	9	-0.27	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0242	1.460	0.0800	1.454	0.0848	0.0350	9	0.07	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.510	0.0200	1.454	0.0848	0.0350	9	0.66	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.541	0.0270	1.454	0.0848	0.0350	9	1.02	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0682	1.566	0.0000	1.454	0.0848	0.0350	9	1.32	4%	0
122.99	Aspartic, Miscellaneous (%)	0889	1.263	0.0250				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.2820	0.0000	0.2937	0.0114	0.0049	13	-1.03	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.2820	0.0020	0.2937	0.0114	0.0049	13	-1.03	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.2825	0.0050	0.2937	0.0114	0.0049	13	-0.98	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2022	0.2880	0.0020	0.2937	0.0114	0.0049	13	-0.50	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.2900	0.0000	0.2937	0.0114	0.0049	13	-0.32	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.2900	0.0000	0.2937	0.0114	0.0049	13	-0.32	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.2925	0.0010	0.2937	0.0114	0.0049	13	-0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.2930	0.0020	0.2937	0.0114	0.0049	13	-0.06	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.2950	0.0100	0.2937	0.0114	0.0049	13	0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0939	0.2950	0.0100	0.2937	0.0114	0.0049	13	0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.3065	0.0050	0.2937	0.0114	0.0049	13	1.12	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.3192	0.0070	0.2937	0.0114	0.0049	13	2.24	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.3200	0.0000	0.2937	0.0114	0.0049	13	2.31	4%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.3315	0.0050				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.1841	0.0281	0.2876	0.0433	0.0125	9	-2.39	18%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.2600	0.0000	0.2876	0.0433	0.0125	9	-0.64	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.2610	0.0000	0.2876	0.0433	0.0125	9	-0.61	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.2809	0.0049	0.2876	0.0433	0.0125	9	-0.16	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0682	0.2890	0.0000	0.2876	0.0433	0.0125	9	0.03	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.2903	0.0050	0.2876	0.0433	0.0125	9	0.06	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0242	0.3050	0.0100	0.2876	0.0433	0.0125	9	0.40	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0870	0.3305	0.0050	0.2876	0.0433	0.0125	9	0.99	7%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.3490	0.0220	0.2876	0.0433	0.0125	9	1.42	11%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.2900	0.0000				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	2.842	0.0070	2.935	0.0731	0.0331	13	-1.28	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.854	0.0080	2.935	0.0731	0.0331	13	-1.11	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2022	2.866	0.0590	2.935	0.0731	0.0331	13	-0.96	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.905	0.0300	2.935	0.0731	0.0331	13	-0.42	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.915	0.0070	2.935	0.0731	0.0331	13	-0.29	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.922	0.0320	2.935	0.0731	0.0331	13	-0.18	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.931	0.0000	2.935	0.0731	0.0331	13	-0.06	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.940	0.0600	2.935	0.0731	0.0331	13	0.06	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.941	0.0000	2.935	0.0731	0.0331	13	0.08	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.955	0.0700	2.935	0.0731	0.0331	13	0.27	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	3.010	0.0200	2.935	0.0731	0.0331	13	1.02	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	3.035	0.0300	2.935	0.0731	0.0331	13	1.36	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	3.138	0.0413	2.935	0.0731	0.0331	13	2.78	3%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	2.945	0.0270				1			0
125.05	Glutamic, Pre-col AQC Der (%)	2246	2.742	0.1112	2.963	0.1158	0.0761	9	-1.91	4%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	2.900	0.0000	2.963	0.1158	0.0761	9	-0.54	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.910	0.0326	2.963	0.1158	0.0761	9	-0.46	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0242	2.925	0.1100	2.963	0.1158	0.0761	9	-0.33	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	2.954	0.0530	2.963	0.1158	0.0761	9	-0.08	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.961	0.0000	2.963	0.1158	0.0761	9	-0.02	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0870	3.017	0.0900	2.963	0.1158	0.0761	9	0.47	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0682	3.075	0.0000	2.963	0.1158	0.0761	9	0.97	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.160	0.0600	2.963	0.1158	0.0761	9	1.70	3%	0
125.99	Glutamic, Miscellaneous (%)	0889	2.805	0.0100				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	2022	0.8340	0.0060	0.8578	0.0150	0.0115	13	-1.59	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.8430	0.0020	0.8578	0.0150	0.0115	13	-0.99	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.8430	0.0060	0.8578	0.0150	0.0115	13	-0.99	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.8500	0.0000	0.8578	0.0150	0.0115	13	-0.52	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.8515	0.0030	0.8578	0.0150	0.0115	13	-0.42	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	0.8550	0.0300	0.8578	0.0150	0.0115	13	-0.19	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.8595	0.0070	0.8578	0.0150	0.0115	13	0.11	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.8600	0.0000	0.8578	0.0150	0.0115	13	0.15	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.8600	0.0200	0.8578	0.0150	0.0115	13	0.15	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.8705	0.0150	0.8578	0.0150	0.0115	13	0.85	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.8710	0.0060	0.8578	0.0150	0.0115	13	0.88	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.8746	0.0233	0.8578	0.0150	0.0115	13	1.12	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.8780	0.0000	0.8578	0.0150	0.0115	13	1.35	1%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.8585	0.0070				1			0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.7970	0.0140	0.8481	0.0399	0.0105	9	-1.28	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.8250	0.0020	0.8481	0.0399	0.0105	9	-0.58	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	0.8278	0.0254	0.8481	0.0399	0.0105	9	-0.51	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0870	0.8295	0.0110	0.8481	0.0399	0.0105	9	-0.47	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.8369	0.0007	0.8481	0.0399	0.0105	9	-0.28	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0242	0.8550	0.0100	0.8481	0.0399	0.0105	9	0.17	0%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	0.8600	0.0000	0.8481	0.0399	0.0105	9	0.30	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.8940	0.0000	0.8481	0.0399	0.0105	9	1.15	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0682	0.9100	0.0000	0.8481	0.0399	0.0105	9	1.55	4%	0
126.99	Glycine, Miscellaneous (%)	0889	0.4200	0.0000				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	2022	0.4050	0.0020	0.4329	0.0145	0.0046	13	-1.93	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.4084	0.0046	0.4329	0.0145	0.0046	13	-1.69	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.4250	0.0100	0.4329	0.0145	0.0046	13	-0.55	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.4300	0.0000	0.4329	0.0145	0.0046	13	-0.20	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.4305	0.0030	0.4329	0.0145	0.0046	13	-0.17	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.4315	0.0010	0.4329	0.0145	0.0046	13	-0.10	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.4325	0.0010	0.4329	0.0145	0.0046	13	-0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.4340	0.0020	0.4329	0.0145	0.0046	13	0.07	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.4350	0.0100	0.4329	0.0145	0.0046	13	0.14	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.4375	0.0030	0.4329	0.0145	0.0046	13	0.32	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.4450	0.0100	0.4329	0.0145	0.0046	13	0.83	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.4500	0.0040	0.4329	0.0145	0.0046	13	1.18	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.4725	0.0050	0.4329	0.0145	0.0046	13	2.73	5%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.4330	0.0060				1			0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.3819	0.0021	0.4282	0.0291	0.0102	9	-1.59	5%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.4100	0.0000	0.4282	0.0291	0.0102	9	-0.63	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.4115	0.0110	0.4282	0.0291	0.0102	9	-0.57	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.4192	0.0138	0.4282	0.0291	0.0102	9	-0.31	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.4220	0.0080	0.4282	0.0291	0.0102	9	-0.21	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0242	0.4400	0.0000	0.4282	0.0291	0.0102	9	0.40	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.4440	0.0000	0.4282	0.0291	0.0102	9	0.54	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0870	0.4570	0.0160	0.4282	0.0291	0.0102	9	0.99	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0682	0.4660	0.0000	0.4282	0.0291	0.0102	9	1.30	4%	0
127.99	Histidine, Miscellaneous (%)	0889	0.4200	0.0000				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	0.5600	0.0000	0.6027	0.0309	0.0084	13	-1.38	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	0.5635	0.0030	0.6027	0.0309	0.0084	13	-1.27	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.5700	0.0200	0.6027	0.0309	0.0084	13	-1.06	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.5920	0.0040	0.6027	0.0309	0.0084	13	-0.35	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.5950	0.0100	0.6027	0.0309	0.0084	13	-0.25	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.5955	0.0010	0.6027	0.0309	0.0084	13	-0.23	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.6020	0.0020	0.6027	0.0309	0.0084	13	-0.02	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.6090	0.0040	0.6027	0.0309	0.0084	13	0.20	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.6165	0.0030	0.6027	0.0309	0.0084	13	0.45	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.6215	0.0110	0.6027	0.0309	0.0084	13	0.61	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.6255	0.0070	0.6027	0.0309	0.0084	13	0.74	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.6400	0.0200	0.6027	0.0309	0.0084	13	1.21	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.6447	0.0155	0.6027	0.0309	0.0084	13	1.36	3%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.6430	0.0020				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.5000	0.0000	0.6049	0.0646	0.0268	9	-1.62	9%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.5453	0.0227	0.6049	0.0646	0.0268	9	-0.92	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	0.5667	0.0423	0.6049	0.0646	0.0268	9	-0.59	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0870	0.5845	0.0170	0.6049	0.0646	0.0268	9	-0.32	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.6205	0.0110	0.6049	0.0646	0.0268	9	0.24	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.6330	0.0080	0.6049	0.0646	0.0268	9	0.44	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.6480	0.0000	0.6049	0.0646	0.0268	9	0.67	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0682	0.6680	0.0000	0.6049	0.0646	0.0268	9	0.98	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0242	0.6700	0.0600	0.6049	0.0646	0.0268	9	1.01	5%	0
128.99	Isoleucine, Miscellaneous (%)	0889	0.6025	0.0050				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	2022	1.268	0.0260	1.304	0.0214	0.0186	13	-1.69	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.279	0.0190	1.304	0.0214	0.0186	13	-1.20	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.285	0.0100	1.304	0.0214	0.0186	13	-0.90	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.295	0.0000	1.304	0.0214	0.0186	13	-0.43	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.296	0.0110	1.304	0.0214	0.0186	13	-0.41	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	1.300	0.0400	1.304	0.0214	0.0186	13	-0.20	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.305	0.0500	1.304	0.0214	0.0186	13	0.04	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.310	0.0020	1.304	0.0214	0.0186	13	0.27	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.315	0.0100	1.304	0.0214	0.0186	13	0.51	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.317	0.0300	1.304	0.0214	0.0186	13	0.60	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.319	0.0030	1.304	0.0214	0.0186	13	0.67	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.327	0.0110	1.304	0.0214	0.0186	13	1.04	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.359	0.0205	1.304	0.0214	0.0186	13	2.56	2%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.314	0.0040				1			0
129.05	Leucine, Pre-col AQC Der (%)	2246	1.196	0.0687	1.273	0.0700	0.0447	9	-1.10	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.200	0.1128	1.273	0.0700	0.0447	9	-1.04	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	1.210	0.0000	1.273	0.0700	0.0447	9	-0.90	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.258	0.0220	1.273	0.0700	0.0447	9	-0.21	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0870	1.296	0.0080	1.273	0.0700	0.0447	9	0.33	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.299	0.0000	1.273	0.0700	0.0447	9	0.37	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.310	0.0200	1.273	0.0700	0.0447	9	0.53	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
129.05	Leucine, Pre-col AQC Der (%)	0242	1.310	0.0400	1.273	0.0700	0.0447	9	0.53	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0682	1.400	0.0000	1.273	0.0700	0.0447	9	1.82	5%	0
129.99	Leucine, Miscellaneous (%)	0889	1.218	0.0150				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2022	0.7285	0.0030	0.7910	0.0250	0.0054	14	-2.50	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0860	0.7562	0.0000	0.7910	0.0250	0.0054	14	-1.39	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.7685	0.0030	0.7910	0.0250	0.0054	14	-0.90	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	0.7750	0.0500	0.7910	0.0250	0.0054	14	-0.64	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2325	0.7800	0.0000	0.7910	0.0250	0.0054	14	-0.44	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.7894	0.0035	0.7910	0.0250	0.0054	14	-0.07	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.7920	0.0020	0.7910	0.0250	0.0054	14	0.04	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.7960	0.0040	0.7910	0.0250	0.0054	14	0.20	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.8030	0.0040	0.7910	0.0250	0.0054	14	0.48	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.8040	0.0000	0.7910	0.0250	0.0054	14	0.52	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.8050	0.0100	0.7910	0.0250	0.0054	14	0.56	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.8080	0.0020	0.7910	0.0250	0.0054	14	0.68	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.8150	0.0040	0.7910	0.0250	0.0054	14	0.96	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.8350	0.0500	0.7910	0.0250	0.0054	14	1.76	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.6550	0.1900	0.7910	0.0250	0.0054	14	-5.45	9%	1
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.8755	0.0250				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	0.6573	0.0327	0.7909	0.0658	0.0299	9	-2.03	8%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.6971	0.0339	0.7909	0.0658	0.0299	9	-1.43	6%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.7910	0.0140	0.7909	0.0658	0.0299	9	0.00	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0242	0.8050	0.0500	0.7909	0.0658	0.0299	9	0.21	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.8080	0.0160	0.7909	0.0658	0.0299	9	0.26	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0682	0.8110	0.0000	0.7909	0.0658	0.0299	9	0.31	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.8190	0.0000	0.7909	0.0658	0.0299	9	0.43	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0870	0.8345	0.0330	0.7909	0.0658	0.0299	9	0.66	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	0.8600	0.0000	0.7909	0.0658	0.0299	9	1.05	4%	0
130.99	L-Lysine, Miscellaneous (%)	0889	0.7825	0.0650				1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.2250	0.0100	0.2550	0.0133	0.0045	13	-2.25	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.2390	0.0000	0.2550	0.0133	0.0045	13	-1.20	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.2420	0.0020	0.2550	0.0133	0.0045	13	-0.98	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.2500	0.0000	0.2550	0.0133	0.0045	13	-0.38	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2510	0.0020	0.2550	0.0133	0.0045	13	-0.30	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2022	0.2515	0.0010	0.2550	0.0133	0.0045	13	-0.26	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.2550	0.0100	0.2550	0.0133	0.0045	13	0.00	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.2600	0.0020	0.2550	0.0133	0.0045	13	0.38	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.2610	0.0020	0.2550	0.0133	0.0045	13	0.45	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.2640	0.0060	0.2550	0.0133	0.0045	13	0.68	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.2655	0.0028	0.2550	0.0133	0.0045	13	0.79	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.2660	0.0020	0.2550	0.0133	0.0045	13	0.83	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.2850	0.0100	0.2550	0.0133	0.0045	13	2.25	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2600	0.0000				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.2291	0.0381	0.2542	0.0177	0.0177	9	-1.42	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.2400	0.0000	0.2542	0.0177	0.0177	9	-0.80	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0682	0.2430	0.0000	0.2542	0.0177	0.0177	9	-0.63	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.2503	0.0050	0.2542	0.0177	0.0177	9	-0.22	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.2535	0.0270	0.2542	0.0177	0.0177	9	-0.04	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.2620	0.0000	0.2542	0.0177	0.0177	9	0.44	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.2635	0.0030	0.2542	0.0177	0.0177	9	0.53	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0870	0.2655	0.0030	0.2542	0.0177	0.0177	9	0.64	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0242	0.3150	0.0300	0.2542	0.0177	0.0177	9	3.43	12%	0
131.99	Methionine, Miscellaneous (%)	0889	0.2525	0.0150				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.7035	0.0010	0.7513	0.0317	0.0107	13	-1.51	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.7210	0.0080	0.7513	0.0317	0.0107	13	-0.96	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	0.7300	0.0400	0.7513	0.0317	0.0107	13	-0.67	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2022	0.7345	0.0030	0.7513	0.0317	0.0107	13	-0.53	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.7355	0.0030	0.7513	0.0317	0.0107	13	-0.50	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.7395	0.0050	0.7513	0.0317	0.0107	13	-0.37	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.7545	0.0130	0.7513	0.0317	0.0107	13	0.10	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.7600	0.0200	0.7513	0.0317	0.0107	13	0.28	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.7600	0.0000	0.7513	0.0317	0.0107	13	0.28	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.7645	0.0010	0.7513	0.0317	0.0107	13	0.42	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.7658	0.0264	0.7513	0.0317	0.0107	13	0.46	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.8050	0.0000	0.7513	0.0317	0.0107	13	1.70	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.8250	0.0100	0.7513	0.0317	0.0107	13	2.33	5%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.7540	0.0020				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0870	0.7105	0.0050	0.7463	0.0321	0.0211	9	-1.12	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.7144	0.0052	0.7463	0.0321	0.0211	9	-0.99	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.7250	0.0000	0.7463	0.0321	0.0211	9	-0.66	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	0.7281	0.0372	0.7463	0.0321	0.0211	9	-0.57	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.7525	0.0150	0.7463	0.0321	0.0211	9	0.19	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	0.7600	0.0000	0.7463	0.0321	0.0211	9	0.43	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0242	0.7650	0.0500	0.7463	0.0321	0.0211	9	0.58	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.7670	0.0140	0.7463	0.0321	0.0211	9	0.64	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0682	0.8110	0.0000	0.7463	0.0321	0.0211	9	2.01	4%	0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.7325	0.0050				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.9520	0.0020	1.044	0.0607	0.0085	12	-1.51	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	0.9700	0.0000	1.044	0.0607	0.0085	12	-1.21	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2022	0.9845	0.0130	1.044	0.0607	0.0085	12	-0.97	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	1.000	0.0200	1.044	0.0607	0.0085	12	-0.72	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.040	0.0010	1.044	0.0607	0.0085	12	-0.07	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.053	0.0050	1.044	0.0607	0.0085	12	0.15	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.072	0.0100	1.044	0.0607	0.0085	12	0.47	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.074	0.0000	1.044	0.0607	0.0085	12	0.50	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.085	0.0100	1.044	0.0607	0.0085	12	0.68	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.096	0.0055	1.044	0.0607	0.0085	12	0.86	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.097	0.0160	1.044	0.0607	0.0085	12	0.88	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.101	0.0040	1.044	0.0607	0.0085	12	0.94	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.080	0.0600	1.044	0.0607	0.0085	12	0.60	2%	1
133.05	Proline, Pre-col AQC Der (%)	2246	0.9686	0.0353	1.047	0.0469	0.0194	9	-1.66	4%	0
133.05	Proline, Pre-col AQC Der (%)	0407	0.9830	0.0180	1.047	0.0469	0.0194	9	-1.35	3%	0
133.05	Proline, Pre-col AQC Der (%)	0870	1.039	0.0010	1.047	0.0469	0.0194	9	-0.17	0%	0
133.05	Proline, Pre-col AQC Der (%)	2319	1.055	0.0100	1.047	0.0469	0.0194	9	0.18	0%	0
133.05	Proline, Pre-col AQC Der (%)	2196	1.059	0.0000	1.047	0.0469	0.0194	9	0.27	1%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.065	0.0100	1.047	0.0469	0.0194	9	0.39	1%	0
133.05	Proline, Pre-col AQC Der (%)	0242	1.070	0.0200	1.047	0.0469	0.0194	9	0.50	1%	0
133.05	Proline, Pre-col AQC Der (%)	2188	1.072	0.0416	1.047	0.0469	0.0194	9	0.54	1%	0
133.05	Proline, Pre-col AQC Der (%)	0682	1.100	0.0000	1.047	0.0469	0.0194	9	1.14	3%	0
133.99	Proline, Miscellaneous (%)	0889	1.180	0.0400				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.6850	0.0100	0.7848	0.0206	0.0118	13	-4.84	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.7585	0.0010	0.7848	0.0206	0.0118	13	-1.27	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2022	0.7700	0.0120	0.7848	0.0206	0.0118	13	-0.72	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.7795	0.0090	0.7848	0.0206	0.0118	13	-0.26	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.7800	0.0000	0.7848	0.0206	0.0118	13	-0.23	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.7825	0.0110	0.7848	0.0206	0.0118	13	-0.11	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.7850	0.0100	0.7848	0.0206	0.0118	13	0.01	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.7850	0.0000	0.7848	0.0206	0.0118	13	0.01	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.7860	0.0000	0.7848	0.0206	0.0118	13	0.06	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.7905	0.0230	0.7848	0.0206	0.0118	13	0.28	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.8050	0.0100	0.7848	0.0206	0.0118	13	0.98	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.8104	0.0226	0.7848	0.0206	0.0118	13	1.24	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	0.8250	0.0100	0.7848	0.0206	0.0118	13	1.95	3%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.7050	0.0220				1			0
134.05	Serine, Pre-col AQC Der (%)	0148	0.7890	0.0080	0.8131	0.0224	0.0185	9	-1.07	1%	0
134.05	Serine, Pre-col AQC Der (%)	0870	0.7905	0.0210	0.8131	0.0224	0.0185	9	-1.00	1%	0
134.05	Serine, Pre-col AQC Der (%)	0407	0.7910	0.0140	0.8131	0.0224	0.0185	9	-0.98	1%	0
134.05	Serine, Pre-col AQC Der (%)	2246	0.8101	0.0320	0.8131	0.0224	0.0185	9	-0.13	0%	0
134.05	Serine, Pre-col AQC Der (%)	0242	0.8150	0.0300	0.8131	0.0224	0.0185	9	0.09	0%	0
134.05	Serine, Pre-col AQC Der (%)	2319	0.8200	0.0000	0.8131	0.0224	0.0185	9	0.31	0%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.8229	0.0061	0.8131	0.0224	0.0185	9	0.44	1%	0
134.05	Serine, Pre-col AQC Der (%)	0682	0.8380	0.0000	0.8131	0.0224	0.0185	9	1.11	2%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.8410	0.0000	0.8131	0.0224	0.0185	9	1.25	2%	0
134.99	Serine, Miscellaneous (%)	0889	0.8450	0.0000				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	0.5710	0.0120	0.5935	0.0139	0.0100	13	-1.62	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.5801	0.0247	0.5935	0.0139	0.0100	13	-0.97	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.5835	0.0030	0.5935	0.0139	0.0100	13	-0.72	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.5850	0.0100	0.5935	0.0139	0.0100	13	-0.61	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.5875	0.0050	0.5935	0.0139	0.0100	13	-0.43	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.5900	0.0200	0.5935	0.0139	0.0100	13	-0.25	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.5900	0.0400	0.5935	0.0139	0.0100	13	-0.25	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.5945	0.0010	0.5935	0.0139	0.0100	13	0.08	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.6005	0.0010	0.5935	0.0139	0.0100	13	0.51	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.6035	0.0070	0.5935	0.0139	0.0100	13	0.72	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.6040	0.0000	0.5935	0.0139	0.0100	13	0.76	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.6095	0.0010	0.5935	0.0139	0.0100	13	1.16	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.6150	0.0100	0.5935	0.0139	0.0100	13	1.55	2%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.5540	0.0200				1			0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.5571	0.0061	0.6074	0.0230	0.0212	9	-2.19	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.5885	0.0030	0.6074	0.0230	0.0212	9	-0.82	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	0.6000	0.0000	0.6074	0.0230	0.0212	9	-0.32	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	0.6003	0.0552	0.6074	0.0230	0.0212	9	-0.31	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0870	0.6050	0.0120	0.6074	0.0230	0.0212	9	-0.10	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.6075	0.0110	0.6074	0.0230	0.0212	9	0.01	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0242	0.6300	0.0400	0.6074	0.0230	0.0212	9	0.99	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0682	0.6300	0.0000	0.6074	0.0230	0.0212	9	0.99	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.6320	0.0000	0.6074	0.0230	0.0212	9	1.07	2%	0
135.99	Threonine, Miscellaneous (%)	0889	0.6175	0.0050				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.1892	0.0000				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.2260	0.0000				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0968	0.2000	0.0000				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.2185	0.0030				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.1992	0.0094				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.2180	0.0020	0.2288	0.0114	0.0028	8	-0.95	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.2200	0.0000	0.2288	0.0114	0.0028	8	-0.78	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2114	0.2210	0.0032	0.2288	0.0114	0.0028	8	-0.69	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.2215	0.0010	0.2288	0.0114	0.0028	8	-0.65	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2196	0.2330	0.0000	0.2288	0.0114	0.0028	8	0.37	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0226	0.2342	0.0031	0.2288	0.0114	0.0028	8	0.47	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.2380	0.0020	0.2288	0.0114	0.0028	8	0.81	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.2450	0.0100	0.2288	0.0114	0.0028	8	1.42	4%	0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.1328	0.0092	0.1876	0.0373	0.0070	6	-1.47	15%	0
136.05	Tryptophan, Pre-col AQC Der (%)	0870	0.1725	0.0070	0.1876	0.0373	0.0070	6	-0.41	4%	0
136.05	Tryptophan, Pre-col AQC Der (%)	0242	0.1850	0.0100	0.1876	0.0373	0.0070	6	-0.07	1%	0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.2000	0.0000	0.1876	0.0373	0.0070	6	0.33	3%	0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.2080	0.0040	0.1876	0.0373	0.0070	6	0.55	5%	0
136.05	Tryptophan, Pre-col AQC Der (%)	2022	0.2275	0.0050	0.1876	0.0373	0.0070	6	1.07	11%	0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1450	0.0100				3			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
136.99	Tryptophan, Miscellaneous (%)	0682	0.2260	0.0000				3			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.5075	0.0050				3			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.4700	0.0000	0.5289	0.0410	0.0126	11	-1.44	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.5000	0.0060	0.5289	0.0410	0.0126	11	-0.71	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.5050	0.0300	0.5289	0.0410	0.0126	11	-0.58	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.5050	0.0100	0.5289	0.0410	0.0126	11	-0.58	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.5100	0.0200	0.5289	0.0410	0.0126	11	-0.46	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.5200	0.0400	0.5289	0.0410	0.0126	11	-0.22	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.5385	0.0010	0.5289	0.0410	0.0126	11	0.23	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.5430	0.0080	0.5289	0.0410	0.0126	11	0.34	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.5607	0.0064	0.5289	0.0410	0.0126	11	0.78	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.5810	0.0040	0.5289	0.0410	0.0126	11	1.27	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.5850	0.0100	0.5289	0.0410	0.0126	11	1.37	5%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.4625	0.0050				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.4409	0.0315	0.5315	0.0405	0.0198	9	-2.24	9%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0870	0.4895	0.0050	0.5315	0.0405	0.0198	9	-1.04	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.5145	0.0090	0.5315	0.0405	0.0198	9	-0.42	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0242	0.5350	0.0100	0.5315	0.0405	0.0198	9	0.09	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.5400	0.0000	0.5315	0.0405	0.0198	9	0.21	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0682	0.5440	0.0000	0.5315	0.0405	0.0198	9	0.31	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.5445	0.0507	0.5315	0.0405	0.0198	9	0.32	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.5545	0.0150	0.5315	0.0405	0.0198	9	0.57	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.5910	0.0000	0.5315	0.0405	0.0198	9	1.47	6%	0
137.99	Tyrosine, Miscellaneous (%)	0889	0.5075	0.0050				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.7045	0.0010	0.7655	0.0419	0.0103	12	-1.45	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2022	0.7235	0.0050	0.7655	0.0419	0.0103	12	-1.00	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.7300	0.0200	0.7655	0.0419	0.0103	12	-0.85	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	0.7350	0.0100	0.7655	0.0419	0.0103	12	-0.73	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.7620	0.0040	0.7655	0.0419	0.0103	12	-0.08	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.7650	0.0020	0.7655	0.0419	0.0103	12	-0.01	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.7785	0.0110	0.7655	0.0419	0.0103	12	0.31	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.7795	0.0070	0.7655	0.0419	0.0103	12	0.33	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.7795	0.0050	0.7655	0.0419	0.0103	12	0.33	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.7850	0.0100	0.7655	0.0419	0.0103	12	0.47	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.8150	0.0500	0.7655	0.0419	0.0103	12	1.18	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.8439	0.0281	0.7655	0.0419	0.0103	12	1.87	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	397.4	793.2	0.7655	0.0419	0.0103	12	>100	25907%	2
138.02	Valine, Post-col OPA Der (%)	0098	0.8185	0.0010				1			0
138.05	Valine, Pre-col AQC Der (%)	2188	0.6390	0.0167	0.7564	0.0878	0.0234	9	-1.34	8%	0
138.05	Valine, Pre-col AQC Der (%)	2319	0.6500	0.0000	0.7564	0.0878	0.0234	9	-1.21	7%	0
138.05	Valine, Pre-col AQC Der (%)	2246	0.7223	0.0349	0.7564	0.0878	0.0234	9	-0.39	2%	0
138.05	Valine, Pre-col AQC Der (%)	0870	0.7445	0.0170	0.7564	0.0878	0.0234	9	-0.14	1%	0

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138.05	Valine, Pre-col AQC Der (%)	2196	0.7710	0.0000	0.7564	0.0878	0.0234	9	0.17	1%	0
138.05	Valine, Pre-col AQC Der (%)	0407	0.7760	0.0140	0.7564	0.0878	0.0234	9	0.22	1%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.7995	0.0030	0.7564	0.0878	0.0234	9	0.49	3%	0
138.05	Valine, Pre-col AQC Der (%)	0682	0.8350	0.0000	0.7564	0.0878	0.0234	9	0.90	5%	0
138.05	Valine, Pre-col AQC Der (%)	0242	0.8700	0.0600	0.7564	0.0878	0.0234	9	1.29	8%	0
138.99	Valine, Miscellaneous (%)	0889	0.7725	0.0050				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1950	0.1100				1			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.1920	0.0200				1			0
139.05	Taurine, Pre-col AQC Der (%)	0682	< 0.05					1			5
139.99	Taurine, Miscellaneous (%)	0889	0.0300	0.0000				1			0
160.10	Fructose, HPAEC PAD (%)	0297	0.2400	0.0800				2			0
160.10	Fructose, HPAEC PAD (%)	0353	0.2900	0.0200				2			0
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
162.10	Glucose, HPAEC PAD (%)	0353	0.2250	0.0100				2			0
162.10	Glucose, HPAEC PAD (%)	0297	0.2750	0.0500				2			0
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
164.10	Maltose, HPAEC PAD (%)	0297	0.2900	0.0200				2			0
164.10	Maltose, HPAEC PAD (%)	0353	0.3250	0.0100				2			0
165.10	Sucrose, HPAEC PAD (%)	0297	2.415	0.0900				2			0
165.10	Sucrose, HPAEC PAD (%)	0353	2.835	0.0900				2			0
166.10	Raffinose, HPAEC PAD (%)	0353	0.5950	0.0100				2			0
166.10	Raffinose, HPAEC PAD (%)	0297	0.6300	0.0400				2			0
167.10	Stachyose, HPAEC PAD (%)	0353	0.3250	0.0100				2			0
167.10	Stachyose, HPAEC PAD (%)	0297	2.745	0.0900				2			0
354.04	Decoquinate, LC-MS/MS (ppm)	2113	< 0.25					0			5
361.02	Lasalocid Sodium, LC (ppm)	0590	29.45	0.5000	32.44	2.935	1.112	7	-1.02	5%	0
361.02	Lasalocid Sodium, LC (ppm)	0006	30.49	1.110	32.44	2.935	1.112	7	-0.67	3%	0
361.02	Lasalocid Sodium, LC (ppm)	0033	31.00	0.6000	32.44	2.935	1.112	7	-0.49	2%	0
361.02	Lasalocid Sodium, LC (ppm)	0036	31.65	1.500	32.44	2.935	1.112	7	-0.27	1%	0
361.02	Lasalocid Sodium, LC (ppm)	0027	32.68	1.100	32.44	2.935	1.112	7	0.08	0%	0
361.02	Lasalocid Sodium, LC (ppm)	0047	35.30	1.000	32.44	2.935	1.112	7	0.98	4%	0
361.02	Lasalocid Sodium, LC (ppm)	0001	36.50	2.000	32.44	2.935	1.112	7	1.38	6%	0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0009	27.93	0.0200	30.31	2.177	0.5681	6	-1.09	4%	0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0610	28.95	0.5000	30.31	2.177	0.5681	6	-0.63	2%	0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0010	29.10	1.320	30.31	2.177	0.5681	6	-0.56	2%	0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0028	31.45	0.8547	30.31	2.177	0.5681	6	0.52	2%	0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0218	31.59	0.1800	30.31	2.177	0.5681	6	0.59	2%	0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0148	32.86	0.5340	30.31	2.177	0.5681	6	1.17	4%	0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0038	32.45	13.30	30.31	2.177	0.5681	6	0.98	4%	1
361.04	Lasalocid Sodium, LC-MS (ppm)	0003	29.87	2.530				1			0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	2113	21.50	3.000	38.00	14.22	2.900	4			0

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361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0610	33.80	1.000	38.00	14.22	2.900	4			0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0553	41.20	2.600	38.00	14.22	2.900	4			0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0875	55.50	5.000	38.00	14.22	2.900	4			0
365.05	Monensin, LC-MS/MS (ppm)	2113	< 0.25					0			5
379.05	Salinomycin, LC-MS/MS (ppm)	2113	< 0.25					0			5
388.00	Tylosin, Plate (ppm)	0218	144.2	5.366				1			0
388.05	Tylosin, LC-MS/MS (ppm)	0875	106.0	2.000				2			0
388.05	Tylosin, LC-MS/MS (ppm)	0148	158.5	9.822				2			0
391.03	Narasin, LC-MS/MS (ppm)	2113	< 0.25					0			5
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.5788	0.0017	0.5976	0.0156	0.0081	11	-1.21	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2386	0.5810	0.0280	0.5976	0.0156	0.0081	11	-1.06	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.5835	0.0270	0.5976	0.0156	0.0081	11	-0.90	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.5875	0.0170	0.5976	0.0156	0.0081	11	-0.65	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.5968	0.0002	0.5976	0.0156	0.0081	11	-0.05	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.5987	0.0026	0.5976	0.0156	0.0081	11	0.07	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.5995	0.0010	0.5976	0.0156	0.0081	11	0.12	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.6025	0.0010	0.5976	0.0156	0.0081	11	0.32	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.6130	0.0000	0.5976	0.0156	0.0081	11	0.99	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.6132	0.0010	0.5976	0.0156	0.0081	11	1.00	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2114	0.6188	0.0023	0.5976	0.0156	0.0081	11	1.36	2%	0
400.99	Water Activity, Miscellaneous (Units)	2387	0.5890	0.0080				3			0
400.99	Water Activity, Miscellaneous (Units)	0148	0.5930	0.0080				3			0
400.99	Water Activity, Miscellaneous (Units)	0910	0.5930	0.0080				3			0
400.99	Water Activity, Miscellaneous (Units)	2388	0.5460	0.0200				3			2
516.00	Arsenic, Total (As), AA, Hydride (ppm)	0045	0.0670	0.0040				1			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0682	< 20					0			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0186	0.0621	0.0020				1			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0199	0.0550	0.0100				2			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.0762	0.0024				2			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0504	< 0.1					2			5
518.33	Cadmium, AAS, Microwave (ppm)	2115	0.0850	0.0000				1			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0793	0.0018				2			0
518.41	Cadmium, ICP, Dry ash (ppm)	2442	0.0830	0.0020				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	0.0600	0.0000				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0993	0.0016				2			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.0856	0.0012				1			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0199	0.0555	0.0110				2			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.0838	0.0018				2			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	1.407	0.1395				2			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	2442	1.463	0.0030				2			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0693	1.575	0.0700				2			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	1.925	0.0100				2			0

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520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0968	1.385	0.0100	2.221	0.8182	0.0100	4			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	1.745	0.0100	2.221	0.8182	0.0100	4			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	2481	2.545	0.0100	2.221	0.8182	0.0100	4			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	3.210	0.0000	2.221	0.8182	0.0100	4			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	1.953	0.0553	2.221	0.8182	0.0100	4			1
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	0.7188	0.1124				1			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0199	0.6500	0.2200				3			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	2.032	0.1676				3			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0939	2.115	0.0100				3			0
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1660	0.1085				1			0
526.43	Lead, ICP, Microwave (ppm)	0407	0.2736	0.1461				2			0
526.43	Lead, ICP, Microwave (ppm)	0682	0.4500	0.0000				2			0
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.0805	0.0042				1			0
526.53	Lead, ICP-MS, Microwave (ppm)	0199	0.0600	0.0000				3			0
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.0717	0.0191				3			0
526.53	Lead, ICP-MS, Microwave (ppm)	0939	0.1200	0.0200				3			0
529.99	Mercury, Miscellaneous (ppb)	0407	0.2359	0.0327				2			0
529.99	Mercury, Miscellaneous (ppb)	2442	0.4000	0.0000				2			0
529.99	Mercury, Miscellaneous (ppb)	0199	< 50					2			5
539.41	Nickel, ICP, Dry ash (ppm)	0407	1.811	0.0244				1			0
539.43	Nickel, ICP, Microwave (ppm)	0407	1.934	0.0437				3			0
539.43	Nickel, ICP, Microwave (ppm)	0682	5.540	0.0000				3			0
539.43	Nickel, ICP, Microwave (ppm)	0297	14.00	0.0000				3			0
539.43	Nickel, ICP, Microwave (ppm)	2481	2.920	0.2400				3			1
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	1.487	0.1280				1			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	2.113	0.0158				2			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0939	2.175	0.0100				2			0
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0870	< 0.01					0			5
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0870	< 0.01					0			5
706.99	Caprylic acid (8:0), Miscellaneous (%) (w/w))	0870	< 0.01					0			5
708.99	Capric acid (10:0), Miscellaneous (%) (w/w))	0870	< 0.01					0			5
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w))	0226	< 0.005					0			5
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w))	0870	< 0.01					0			5
714.99	Myristic Acid (14:0), Miscellaneous (%) (w/w))	0226	0.0058	0.0012				2			0
714.99	Myristic Acid (14:0), Miscellaneous (%) (w/w))	0870	0.0137	0.0019				2			0
716.99	Palmitic Acid (16:0), Miscellaneous (%) (w/w))	0226	0.6160	0.0445				2			0
716.99	Palmitic Acid (16:0), Miscellaneous (%) (w/w))	0870	0.6230	0.0010				2			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w))	0870	0.0104	0.0012				2			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w))	0226	0.0133	0.0099				2			0
720.99	Margaric acid (17:0), Miscellaneous (%) (w/w))	0870	0.0063	0.0002				1			0
722.99	Stearic Acid (18:0), Miscellaneous (%) (w/w))	0226	0.0948	0.0166				1			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (%) (w/w))	0226	0.8729	0.0895				2			0

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724.99	Oleic Acid (9c-18:1), Miscellaneous (%) (w/w)	0870	1.077	0.0030				2			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%) (w/w)	0226	2.004	0.0034				2			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%) (w/w)	0870	2.498	0.0073				2			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%) (w/w)	0226	0.1511	0.0222				2			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%) (w/w)	0870	0.1754	0.0006				2			0
730.99	Arachidic Acid (20:0), Miscellaneous (%) (w/w)	0226	0.0130	0.0009				2			0
730.99	Arachidic Acid (20:0), Miscellaneous (%) (w/w)	0870	0.0193	0.0003				2			0
732.99	Gondoic Acid (11c-20:1), Miscellaneous (%) (w/w)	0226	0.0185	0.0008				2			0
732.99	Gondoic Acid (11c-20:1), Miscellaneous (%) (w/w)	0870	0.0214	0.0004				2			0
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%) (w/w)	0870	< 0.01					0			5
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%) (w/w)	0226	< 0.005					0			5
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%) (w/w)	0870	< 0.01					0			5
742.99	Behenic Acid (22:0), Miscellaneous (%) (w/w)	0226	0.0090	0.0002				2			0
742.99	Behenic Acid (22:0), Miscellaneous (%) (w/w)	0870	0.0149	0.0037				2			0
744.99	Erucic Acid (13c-22:1), Miscellaneous (%) (w/w)	0226	< 0.005					0			5
744.99	Erucic Acid (13c-22:1), Miscellaneous (%) (w/w)	0870	< 0.01					0			5
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (%) (w/w)	0226	< 0.005					0			5
748.99	Lignoceric Acid (24:0), Miscellaneous (%) (w/w)	0226	0.0114	0.0002				2			0
748.99	Lignoceric Acid (24:0), Miscellaneous (%) (w/w)	0870	0.0224	0.0001				2			0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (%) (w/w)	0226	< 0.005					0			5
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%) (w/w)	0226	< 0.005					0			5
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%) (w/w)	0870	< 0.01					0			5
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (%) (w/w)	0870	0.1750	0.0000				1			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (%) (w/w)	0870	< 0.01					0			5
758.99	Total Saturated Fatty Acids, Miscellaneous (%) (w/w)	0870	0.8365	0.0030				1			0
764.99	Total cis Monounsaturated Fatty Acids, Miscellaneous (%) (w/w)	0870	1.109	0.0030				1			0
768.99	Total cis Polyunsaturated Fatty Acids, Miscellaneous (%) (w/w)	0870	2.680	0.0070				1			0
772.99	Total Fatty Acids, Miscellaneous (%) (w/w)	0226	3.809	0.1890				1			0

Note 1: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or between -2 and -3 (warning) and Green = Z <= 2 and >= -2 (OK at 95%).

Note 2: Data Not Used Flags: 1=Rejected for duplicates too far apart, 2=Rejected as extreme outlier, 5=Reporting limit (<), 4=Zeros submitted as values and 3=Statistical problem. Flag 0 indicates data used in calculations.

Note 3: *Robust statistics not used if < 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). A zero range is not included in robust R-bar calculation.