



## Method Proficiency Testing Report Regular Program

**Sample # 201621**  
**Cattle Feed Supplement**

**# Labs Reporting: 170**  
**Issue Date : 02/29/2016**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
000.02	Urea, As protein, Colorimetric (%)	0939	6.0250	0.05000	18.307	10.704	0.16000	4	-1.15	34%	0
000.02	Urea, As protein, Colorimetric (%)	0875	8.2400	0.46000	18.307	10.704	0.16000	4	-0.94	27%	0
000.02	Urea, As protein, Colorimetric (%)	0019	23.245	0.03000	18.307	10.704	0.16000	4	0.46	13%	0
000.02	Urea, As protein, Colorimetric (%)	0278	25.650	0.10000	18.307	10.704	0.16000	4	0.69	20%	0
000.99	Urea, Miscellaneous (%)	0563	8.7065	0.24930			0.24930	1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2106	4.6550	0.19000	6.5922	1.2936	0.11878	8	-1.50	15%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	5.7450	0.01000	6.5922	1.2936	0.11878	8	-0.65	6%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	6.3280	0.03250	6.5922	1.2936	0.11878	8	-0.20	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	6.4695	0.03500	6.5922	1.2936	0.11878	8	-0.09	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	6.5450	0.05000	6.5922	1.2936	0.11878	8	-0.04	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	7.1250	0.17000	6.5922	1.2936	0.11878	8	0.41	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0183	7.3603	0.02270	6.5922	1.2936	0.11878	8	0.59	6%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	8.5100	0.44000	6.5922	1.2936	0.11878	8	1.48	15%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	6.7300	0.00000			0.00000	1			0
001.05	Loss on Drying, LECO (%)	0610	5.9900	0.04000			0.04000	1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	5.3500	0.00000	6.4233	0.41014	0.11569	37	-2.62	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	5.6943	0.09420	6.4233	0.41014	0.11569	37	-1.78	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	5.7800	0.02000	6.4233	0.41014	0.11569	37	-1.57	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	5.8765	0.60700	6.4233	0.41014	0.11569	37	-1.33	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	5.9700	0.00000	6.4233	0.41014	0.11569	37	-1.11	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	6.0000	0.06000	6.4233	0.41014	0.11569	37	-1.03	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	6.0600	0.36000	6.4233	0.41014	0.11569	37	-0.89	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	6.0800	0.04000	6.4233	0.41014	0.11569	37	-0.84	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	6.0850	0.41000	6.4233	0.41014	0.11569	37	-0.82	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	6.1500	0.50000	6.4233	0.41014	0.11569	37	-0.67	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	6.2000	0.06000	6.4233	0.41014	0.11569	37	-0.54	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	6.2100	0.04000	6.4233	0.41014	0.11569	37	-0.52	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2068	6.2770	0.03200	6.4233	0.41014	0.11569	37	-0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	6.2900	0.00000	6.4233	0.41014	0.11569	37	-0.33	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	6.3100	0.04000	6.4233	0.41014	0.11569	37	-0.28	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	6.3150	0.03000	6.4233	0.41014	0.11569	37	-0.26	1%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	6.3600	0.02000	6.4233	0.41014	0.11569	37	-0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0065	6.4163	0.05250	6.4233	0.41014	0.11569	37	-0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	6.4350	0.13000	6.4233	0.41014	0.11569	37	0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	6.4500	0.10000	6.4233	0.41014	0.11569	37	0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	6.5200	0.02000	6.4233	0.41014	0.11569	37	0.24	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	6.5500	0.30000	6.4233	0.41014	0.11569	37	0.31	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0592	6.5575	0.02500	6.4233	0.41014	0.11569	37	0.33	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	6.6300	0.06000	6.4233	0.41014	0.11569	37	0.50	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	6.6350	0.09000	6.4233	0.41014	0.11569	37	0.52	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	6.6500	0.10000	6.4233	0.41014	0.11569	37	0.55	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	6.6600	0.12000	6.4233	0.41014	0.11569	37	0.58	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	6.6750	0.09000	6.4233	0.41014	0.11569	37	0.61	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	6.7250	0.01000	6.4233	0.41014	0.11569	37	0.74	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	6.7300	0.36000	6.4233	0.41014	0.11569	37	0.75	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	6.7600	0.02000	6.4233	0.41014	0.11569	37	0.82	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	6.7600	0.02000	6.4233	0.41014	0.11569	37	0.82	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	6.8700	0.02000	6.4233	0.41014	0.11569	37	1.09	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	6.9400	0.12000	6.4233	0.41014	0.11569	37	1.26	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	7.0150	0.13000	6.4233	0.41014	0.11569	37	1.44	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	7.2050	0.19000	6.4233	0.41014	0.11569	37	1.91	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	8.2250	0.01000	6.4233	0.41014	0.11569	37	4.39	14%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	6.4900	0.98000	6.4233	0.41014	0.11569	37	0.16	1%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	6.4950	0.03000			0.03000	2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	6.7250	0.03000			0.03000	2			0
001.99	Loss on Drying, Miscellaneous (%)	0618	5.1400	0.00000	6.6416	0.85233	0.06580	16	-1.76	11%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	5.8300	0.02000	6.6416	0.85233	0.06580	16	-0.95	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	5.9800	0.08000	6.6416	0.85233	0.06580	16	-0.78	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	6.0100	0.08000	6.6416	0.85233	0.06580	16	-0.74	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	6.1000	0.00000	6.6416	0.85233	0.06580	16	-0.64	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	6.2627	0.01280	6.6416	0.85233	0.06580	16	-0.44	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	6.3000	0.08000	6.6416	0.85233	0.06580	16	-0.40	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	6.4350	0.03000	6.6416	0.85233	0.06580	16	-0.24	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	6.6550	0.07000	6.6416	0.85233	0.06580	16	0.02	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	6.8400	0.06000	6.6416	0.85233	0.06580	16	0.23	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	6.8800	0.02000	6.6416	0.85233	0.06580	16	0.28	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	7.0150	0.03000	6.6416	0.85233	0.06580	16	0.44	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	7.0950	0.05000	6.6416	0.85233	0.06580	16	0.53	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	7.6600	0.08000	6.6416	0.85233	0.06580	16	1.19	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	8.3800	0.04000	6.6416	0.85233	0.06580	16	2.04	13%	0
001.99	Loss on Drying, Miscellaneous (%)	0876	9.9600	0.40000	6.6416	0.85233	0.06580	16	3.89	25%	0
001.99	Loss on Drying, Miscellaneous (%)	0904	6.0250	0.53000	6.6416	0.85233	0.06580	16	-0.72	5%	1
002.00	Protein, Crude (%)	0940	39.060	0.00000	39.830	0.67050	0.12000	3			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.00	Protein, Crude (%)	0953	40.145	0.21000	39.830	0.67050	0.12000	3			0
002.00	Protein, Crude (%)	0169	40.285	0.15000	39.830	0.67050	0.12000	3			0
002.01	Protein, Auto Kjell-Foss (%)	0662	38.878	0.02750	39.422	0.41191	0.17223	11	-1.32	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0968	39.078	0.18700	39.422	0.41191	0.17223	11	-0.84	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0652	39.190	0.40000	39.422	0.41191	0.17223	11	-0.56	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0199	39.195	0.07000	39.422	0.41191	0.17223	11	-0.55	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0043	39.340	0.12000	39.422	0.41191	0.17223	11	-0.20	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0152	39.350	0.30000	39.422	0.41191	0.17223	11	-0.17	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0062	39.490	0.10000	39.422	0.41191	0.17223	11	0.17	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0610	39.500	0.10000	39.422	0.41191	0.17223	11	0.19	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0889	39.540	0.38000	39.422	0.41191	0.17223	11	0.29	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0164	40.230	0.20000	39.422	0.41191	0.17223	11	1.96	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0685	40.265	0.01000	39.422	0.41191	0.17223	11	2.05	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0183	19.900	0.80000	39.422	0.41191	0.17223	11	-47.39	25%	2
002.02	Protein, Semiauto Autoanalyzer (%)	0066	38.915	0.15000	39.738	0.72035	0.11780	4	-1.14	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	39.355	0.13000	39.738	0.72035	0.11780	4	-0.53	0%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0169	40.285	0.15000	39.738	0.72035	0.11780	4	0.76	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	40.396	0.04120	39.738	0.72035	0.11780	4	0.91	1%	0
002.04	Protein, Copper Catalyst (%)	0405	36.540	0.16000	39.230	0.71787	0.20167	6	-3.75	3%	0
002.04	Protein, Copper Catalyst (%)	0187	38.800	0.06000	39.230	0.71787	0.20167	6	-0.60	1%	0
002.04	Protein, Copper Catalyst (%)	0874	39.400	0.40000	39.230	0.71787	0.20167	6	0.24	0%	0
002.04	Protein, Copper Catalyst (%)	0626	39.525	0.17000	39.230	0.71787	0.20167	6	0.41	0%	0
002.04	Protein, Copper Catalyst (%)	2057	39.720	0.32000	39.230	0.71787	0.20167	6	0.68	1%	0
002.04	Protein, Copper Catalyst (%)	0504	39.780	0.10000	39.230	0.71787	0.20167	6	0.77	1%	0
002.05	Protein, Copper, Boric Acid (%)	0948	38.485	0.11000	39.386	0.37212	0.17884	24	-2.42	1%	0
002.05	Protein, Copper, Boric Acid (%)	0683	38.605	0.25000	39.386	0.37212	0.17884	24	-2.10	1%	0
002.05	Protein, Copper, Boric Acid (%)	2106	38.830	0.54000	39.386	0.37212	0.17884	24	-1.49	1%	0
002.05	Protein, Copper, Boric Acid (%)	2006	38.955	0.07000	39.386	0.37212	0.17884	24	-1.16	1%	0
002.05	Protein, Copper, Boric Acid (%)	0955	39.000	0.20000	39.386	0.37212	0.17884	24	-1.04	0%	0
002.05	Protein, Copper, Boric Acid (%)	2068	39.145	0.07700	39.386	0.37212	0.17884	24	-0.65	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	39.225	0.01000	39.386	0.37212	0.17884	24	-0.43	0%	0
002.05	Protein, Copper, Boric Acid (%)	0552	39.245	0.07000	39.386	0.37212	0.17884	24	-0.38	0%	0
002.05	Protein, Copper, Boric Acid (%)	2022	39.255	0.05000	39.386	0.37212	0.17884	24	-0.35	0%	0
002.05	Protein, Copper, Boric Acid (%)	2097	39.327	0.34660	39.386	0.37212	0.17884	24	-0.16	0%	0
002.05	Protein, Copper, Boric Acid (%)	0722	39.438	0.02360	39.386	0.37212	0.17884	24	0.14	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	39.465	0.01000	39.386	0.37212	0.17884	24	0.21	0%	0
002.05	Protein, Copper, Boric Acid (%)	0939	39.465	0.07000	39.386	0.37212	0.17884	24	0.21	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	39.495	0.47000	39.386	0.37212	0.17884	24	0.29	0%	0
002.05	Protein, Copper, Boric Acid (%)	0651	39.525	0.25800	39.386	0.37212	0.17884	24	0.37	0%	0
002.05	Protein, Copper, Boric Acid (%)	0921	39.560	0.00000	39.386	0.37212	0.17884	24	0.47	0%	0
002.05	Protein, Copper, Boric Acid (%)	0622	39.562	0.26710	39.386	0.37212	0.17884	24	0.47	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	39.585	0.11000	39.386	0.37212	0.17884	24	0.54	0%	0

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002.05	Protein, Copper, Boric Acid (%)	0620	39.591	0.12990	39.386	0.37212	0.17884	24	0.55	0%	0
002.05	Protein, Copper, Boric Acid (%)	0689	39.600	0.40000	39.386	0.37212	0.17884	24	0.58	0%	0
002.05	Protein, Copper, Boric Acid (%)	0674	39.710	0.00000	39.386	0.37212	0.17884	24	0.87	0%	0
002.05	Protein, Copper, Boric Acid (%)	0675	39.735	0.17000	39.386	0.37212	0.17884	24	0.94	0%	0
002.05	Protein, Copper, Boric Acid (%)	2012	40.010	0.48000	39.386	0.37212	0.17884	24	1.68	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	40.190	0.18000	39.386	0.37212	0.17884	24	2.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	37.570	0.36000	39.891	0.30640	0.24875	110	-7.58	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	38.530	0.12000	39.891	0.30640	0.24875	110	-4.44	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	39.145	0.85000	39.891	0.30640	0.24875	110	-2.44	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	39.309	0.43130	39.891	0.30640	0.24875	110	-1.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	39.350	0.10000	39.891	0.30640	0.24875	110	-1.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0065	39.372	0.33910	39.891	0.30640	0.24875	110	-1.69	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	39.409	0.53100	39.891	0.30640	0.24875	110	-1.58	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	39.430	0.02000	39.891	0.30640	0.24875	110	-1.51	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	39.475	0.01000	39.891	0.30640	0.24875	110	-1.36	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0546	39.548	0.16800	39.891	0.30640	0.24875	110	-1.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0904	39.550	0.26000	39.891	0.30640	0.24875	110	-1.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	39.550	0.30000	39.891	0.30640	0.24875	110	-1.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	39.570	0.24000	39.891	0.30640	0.24875	110	-1.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	39.585	0.57000	39.891	0.30640	0.24875	110	-1.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	39.600	0.00000	39.891	0.30640	0.24875	110	-0.95	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	39.610	0.02000	39.891	0.30640	0.24875	110	-0.92	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	39.615	0.23000	39.891	0.30640	0.24875	110	-0.90	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	39.620	0.10000	39.891	0.30640	0.24875	110	-0.89	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	39.625	0.77000	39.891	0.30640	0.24875	110	-0.87	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	39.631	0.29200	39.891	0.30640	0.24875	110	-0.85	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0013	39.645	0.15000	39.891	0.30640	0.24875	110	-0.80	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	39.650	0.30000	39.891	0.30640	0.24875	110	-0.79	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	39.650	0.22000	39.891	0.30640	0.24875	110	-0.79	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	39.650	0.20000	39.891	0.30640	0.24875	110	-0.79	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	39.650	0.40000	39.891	0.30640	0.24875	110	-0.79	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	39.650	0.10000	39.891	0.30640	0.24875	110	-0.79	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	39.657	0.38700	39.891	0.30640	0.24875	110	-0.77	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	39.675	0.37000	39.891	0.30640	0.24875	110	-0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	39.695	0.11000	39.891	0.30640	0.24875	110	-0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	39.710	0.08000	39.891	0.30640	0.24875	110	-0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	39.735	0.31000	39.891	0.30640	0.24875	110	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	39.740	0.08000	39.891	0.30640	0.24875	110	-0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	39.741	0.09800	39.891	0.30640	0.24875	110	-0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	39.745	0.25000	39.891	0.30640	0.24875	110	-0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	39.750	0.90000	39.891	0.30640	0.24875	110	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	39.750	0.10000	39.891	0.30640	0.24875	110	-0.46	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	39.755	0.41000	39.891	0.30640	0.24875	110	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	39.755	0.31000	39.891	0.30640	0.24875	110	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	39.760	0.02000	39.891	0.30640	0.24875	110	-0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	39.780	0.42000	39.891	0.30640	0.24875	110	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	39.785	0.11000	39.891	0.30640	0.24875	110	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	39.785	0.41000	39.891	0.30640	0.24875	110	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	39.790	0.24000	39.891	0.30640	0.24875	110	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	39.800	0.20000	39.891	0.30640	0.24875	110	-0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	39.805	0.05000	39.891	0.30640	0.24875	110	-0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	39.810	0.18000	39.891	0.30640	0.24875	110	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	39.810	0.18000	39.891	0.30640	0.24875	110	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	39.810	0.38000	39.891	0.30640	0.24875	110	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	39.815	0.05000	39.891	0.30640	0.24875	110	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	39.820	0.06000	39.891	0.30640	0.24875	110	-0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	39.820	1.2600	39.891	0.30640	0.24875	110	-0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	39.830	0.14000	39.891	0.30640	0.24875	110	-0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	39.835	0.09000	39.891	0.30640	0.24875	110	-0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	39.850	0.10000	39.891	0.30640	0.24875	110	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	39.850	0.58000	39.891	0.30640	0.24875	110	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	39.860	0.14000	39.891	0.30640	0.24875	110	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	39.870	0.04000	39.891	0.30640	0.24875	110	-0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	39.880	0.14000	39.891	0.30640	0.24875	110	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0921	39.885	0.11000	39.891	0.30640	0.24875	110	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0199	39.890	0.22000	39.891	0.30640	0.24875	110	0.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	39.890	0.06000	39.891	0.30640	0.24875	110	0.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	39.895	0.37000	39.891	0.30640	0.24875	110	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	39.900	0.00000	39.891	0.30640	0.24875	110	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	39.900	0.00000	39.891	0.30640	0.24875	110	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2110	39.900	0.00000	39.891	0.30640	0.24875	110	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	39.905	0.13000	39.891	0.30640	0.24875	110	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	39.920	0.25600	39.891	0.30640	0.24875	110	0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	39.925	0.17000	39.891	0.30640	0.24875	110	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	39.950	0.50000	39.891	0.30640	0.24875	110	0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	40.000	0.00000	39.891	0.30640	0.24875	110	0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	40.000	0.12000	39.891	0.30640	0.24875	110	0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	40.005	0.31000	39.891	0.30640	0.24875	110	0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	40.008	0.04000	39.891	0.30640	0.24875	110	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2095	40.010	0.12000	39.891	0.30640	0.24875	110	0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	40.023	0.30900	39.891	0.30640	0.24875	110	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	40.025	0.23000	39.891	0.30640	0.24875	110	0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	40.030	0.28000	39.891	0.30640	0.24875	110	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	40.034	0.10800	39.891	0.30640	0.24875	110	0.47	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	40.035	0.13000	39.891	0.30640	0.24875	110	0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	40.035	0.15000	39.891	0.30640	0.24875	110	0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	40.050	0.10000	39.891	0.30640	0.24875	110	0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	40.055	0.03000	39.891	0.30640	0.24875	110	0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	40.082	0.09500	39.891	0.30640	0.24875	110	0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	40.110	0.16000	39.891	0.30640	0.24875	110	0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	40.158	0.53300	39.891	0.30640	0.24875	110	0.87	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	40.185	0.73000	39.891	0.30640	0.24875	110	0.96	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	40.200	0.40000	39.891	0.30640	0.24875	110	1.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	40.200	0.20000	39.891	0.30640	0.24875	110	1.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	40.200	0.00000	39.891	0.30640	0.24875	110	1.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	40.200	0.60000	39.891	0.30640	0.24875	110	1.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	40.210	0.50000	39.891	0.30640	0.24875	110	1.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	40.225	0.29000	39.891	0.30640	0.24875	110	1.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	40.225	0.11000	39.891	0.30640	0.24875	110	1.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	40.250	0.62000	39.891	0.30640	0.24875	110	1.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0563	40.251	0.08000	39.891	0.30640	0.24875	110	1.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	40.255	0.41000	39.891	0.30640	0.24875	110	1.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	40.265	0.17000	39.891	0.30640	0.24875	110	1.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	40.280	0.10000	39.891	0.30640	0.24875	110	1.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	40.301	0.27200	39.891	0.30640	0.24875	110	1.34	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	40.305	0.53000	39.891	0.30640	0.24875	110	1.35	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	40.305	0.65000	39.891	0.30640	0.24875	110	1.35	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	40.349	0.00700	39.891	0.30640	0.24875	110	1.49	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	40.375	0.13000	39.891	0.30640	0.24875	110	1.58	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	40.400	0.64000	39.891	0.30640	0.24875	110	1.66	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	40.512	0.38600	39.891	0.30640	0.24875	110	2.03	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	40.700	0.00000	39.891	0.30640	0.24875	110	2.64	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	40.785	0.09000	39.891	0.30640	0.24875	110	2.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0581	40.900	0.20000	39.891	0.30640	0.24875	110	3.29	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	41.020	0.18000	39.891	0.30640	0.24875	110	3.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	41.510	0.26000	39.891	0.30640	0.24875	110	5.28	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	39.340	1.4400	39.891	0.30640	0.24875	110	-1.80	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	40.302	1.3480	39.891	0.30640	0.24875	110	1.34	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	40.419	1.5250	39.891	0.30640	0.24875	110	1.72	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	41.600	1.8000	39.891	0.30640	0.24875	110	5.58	2%	1
002.08	Protein, Cu/Ti (%)	0563	38.686	0.45220	39.144	0.40287	0.24073	3			0
002.08	Protein, Cu/Ti (%)	0208	39.300	0.20000	39.144	0.40287	0.24073	3			0
002.08	Protein, Cu/Ti (%)	0098	39.445	0.07000	39.144	0.40287	0.24073	3			0
002.09	Protein, Selenium Catalyst (%)	2109	39.315	0.21000			0.21000	1			0
002.10	Protein, Block dig/distillation (%)	0629	39.485	0.03000			0.03000	1			0
002.11	Protein, NIR (%)	2120	33.530	0.42000	41.383	5.5181	0.18200	5	-1.42	9%	0

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002.11	Protein, NIR (%)	0852	37.655	0.01000	41.383	5.5181	0.18200	5	-0.68	5%	0
002.11	Protein, NIR (%)	0889	44.355	0.23000	41.383	5.5181	0.18200	5	0.54	4%	0
002.11	Protein, NIR (%)	0297	45.275	0.03000	41.383	5.5181	0.18200	5	0.71	5%	0
002.11	Protein, NIR (%)	2036	46.100	0.22000	41.383	5.5181	0.18200	5	0.85	6%	0
002.99	Protein, Miscellaneous (%)	2004	39.500	0.20000			0.20000	1			0
003.00	Fat, Eth Ext., Direct (%)	2053	2.3250	0.05000	2.8955	0.34780	0.14004	12	-1.64	10%	0
003.00	Fat, Eth Ext., Direct (%)	0876	2.5650	0.17000	2.8955	0.34780	0.14004	12	-0.95	6%	0
003.00	Fat, Eth Ext., Direct (%)	2106	2.6900	0.42000	2.8955	0.34780	0.14004	12	-0.59	4%	0
003.00	Fat, Eth Ext., Direct (%)	0309	2.7198	0.54550	2.8955	0.34780	0.14004	12	-0.51	3%	0
003.00	Fat, Eth Ext., Direct (%)	0142	2.7300	0.04000	2.8955	0.34780	0.14004	12	-0.48	3%	0
003.00	Fat, Eth Ext., Direct (%)	2109	2.8200	0.08000	2.8955	0.34780	0.14004	12	-0.22	1%	0
003.00	Fat, Eth Ext., Direct (%)	0939	2.8800	0.14000	2.8955	0.34780	0.14004	12	-0.04	0%	0
003.00	Fat, Eth Ext., Direct (%)	0175	3.0300	0.06000	2.8955	0.34780	0.14004	12	0.39	2%	0
003.00	Fat, Eth Ext., Direct (%)	0026	3.0550	0.05000	2.8955	0.34780	0.14004	12	0.46	3%	0
003.00	Fat, Eth Ext., Direct (%)	0354	3.1850	0.01000	2.8955	0.34780	0.14004	12	0.83	5%	0
003.00	Fat, Eth Ext., Direct (%)	0615	3.2800	0.06000	2.8955	0.34780	0.14004	12	1.11	7%	0
003.00	Fat, Eth Ext., Direct (%)	0065	4.6075	0.05500	2.8955	0.34780	0.14004	12	4.92	30%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	1.6200	0.60000			0.60000	1			0
003.06	Fat, Pet Ether (%)	0169	2.3200	0.26000	2.6506	0.27900	0.13279	16	-1.19	6%	0
003.06	Fat, Pet Ether (%)	0300	2.3438	0.17120	2.6506	0.27900	0.13279	16	-1.10	6%	0
003.06	Fat, Pet Ether (%)	0074	2.3700	0.02000	2.6506	0.27900	0.13279	16	-1.01	5%	0
003.06	Fat, Pet Ether (%)	0563	2.4073	0.02340	2.6506	0.27900	0.13279	16	-0.87	5%	0
003.06	Fat, Pet Ether (%)	0552	2.4250	0.25000	2.6506	0.27900	0.13279	16	-0.81	4%	0
003.06	Fat, Pet Ether (%)	0148	2.4750	0.27000	2.6506	0.27900	0.13279	16	-0.63	3%	0
003.06	Fat, Pet Ether (%)	0689	2.5000	0.20000	2.6506	0.27900	0.13279	16	-0.54	3%	0
003.06	Fat, Pet Ether (%)	0083	2.5750	0.27000	2.6506	0.27900	0.13279	16	-0.27	1%	0
003.06	Fat, Pet Ether (%)	0294	2.7700	0.02000	2.6506	0.27900	0.13279	16	0.43	2%	0
003.06	Fat, Pet Ether (%)	0687	2.7900	0.18000	2.6506	0.27900	0.13279	16	0.50	3%	0
003.06	Fat, Pet Ether (%)	0199	2.8650	0.11000	2.6506	0.27900	0.13279	16	0.77	4%	0
003.06	Fat, Pet Ether (%)	0918	2.8650	0.11000	2.6506	0.27900	0.13279	16	0.77	4%	0
003.06	Fat, Pet Ether (%)	0297	2.8700	0.10000	2.6506	0.27900	0.13279	16	0.79	4%	0
003.06	Fat, Pet Ether (%)	0425	2.8800	0.02000	2.6506	0.27900	0.13279	16	0.82	4%	0
003.06	Fat, Pet Ether (%)	0164	2.8850	0.11000	2.6506	0.27900	0.13279	16	0.84	4%	0
003.06	Fat, Pet Ether (%)	0852	3.3450	0.01000	2.6506	0.27900	0.13279	16	2.49	13%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	2.3850	0.01000	2.9028	0.33585	0.10278	18	-1.54	9%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	2.4770	0.11800	2.9028	0.33585	0.10278	18	-1.27	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	2.5000	0.20000	2.9028	0.33585	0.10278	18	-1.20	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	2.5550	0.11000	2.9028	0.33585	0.10278	18	-1.04	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	2.5750	0.09000	2.9028	0.33585	0.10278	18	-0.98	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	2.7150	0.15000	2.9028	0.33585	0.10278	18	-0.56	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	2.8050	0.11000	2.9028	0.33585	0.10278	18	-0.29	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0512	2.9360	0.25200	2.9028	0.33585	0.10278	18	0.10	1%	0

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003.09	Fat, Soxtec, Eth Ext (%)	0152	3.0000	0.20000	2.9028	0.33585	0.10278	18	0.29	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	3.0400	0.14000	2.9028	0.33585	0.10278	18	0.41	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	3.0500	0.06000	2.9028	0.33585	0.10278	18	0.44	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	3.0600	0.00000	2.9028	0.33585	0.10278	18	0.47	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	3.0600	0.04000	2.9028	0.33585	0.10278	18	0.47	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	3.1250	0.17000	2.9028	0.33585	0.10278	18	0.66	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	3.1500	0.16000	2.9028	0.33585	0.10278	18	0.74	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	3.1850	0.03000	2.9028	0.33585	0.10278	18	0.84	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	3.3000	0.00000	2.9028	0.33585	0.10278	18	1.18	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	0722	3.3177	0.01000	2.9028	0.33585	0.10278	18	1.24	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	2.9197	0.44680	2.9028	0.33585	0.10278	18	0.05	0%	1
003.10	Fat, Soxtec, Pet Ether (%)	0861	2.1400	0.06000	2.5425	0.21861	0.06219	18	-1.84	8%	0
003.10	Fat, Soxtec, Pet Ether (%)	2089	2.2000	0.12000	2.5425	0.21861	0.06219	18	-1.57	7%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	2.3050	0.05000	2.5425	0.21861	0.06219	18	-1.09	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	2.3800	0.08000	2.5425	0.21861	0.06219	18	-0.74	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	2.4699	0.02140	2.5425	0.21861	0.06219	18	-0.33	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	2.4750	0.21000	2.5425	0.21861	0.06219	18	-0.31	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	2.4900	0.06000	2.5425	0.21861	0.06219	18	-0.24	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	2.4900	0.02000	2.5425	0.21861	0.06219	18	-0.24	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	2.5000	0.20000	2.5425	0.21861	0.06219	18	-0.19	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	2.5500	0.02000	2.5425	0.21861	0.06219	18	0.03	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	2.5500	0.02000	2.5425	0.21861	0.06219	18	0.03	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	2.6350	0.01000	2.5425	0.21861	0.06219	18	0.42	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	2.6400	0.00000	2.5425	0.21861	0.06219	18	0.45	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0062	2.6600	0.00400	2.5425	0.21861	0.06219	18	0.54	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0651	2.6705	0.05300	2.5425	0.21861	0.06219	18	0.59	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	2.8000	0.00000	2.5425	0.21861	0.06219	18	1.18	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	2.8500	0.10000	2.5425	0.21861	0.06219	18	1.41	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	2068	3.0105	0.09100	2.5425	0.21861	0.06219	18	2.14	9%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	2.7100	0.42000	2.5425	0.21861	0.06219	18	0.77	3%	1
003.11	Fat, NIR (%)	2120	1.2300	0.04000	2.4713	1.1959	0.06750	4	-1.04	25%	0
003.11	Fat, NIR (%)	0852	1.7250	0.01000	2.4713	1.1959	0.06750	4	-0.62	15%	0
003.11	Fat, NIR (%)	0889	3.1350	0.11000	2.4713	1.1959	0.06750	4	0.56	13%	0
003.11	Fat, NIR (%)	2036	3.7950	0.11000	2.4713	1.1959	0.06750	4	1.11	27%	0
003.12	Fat, Hexane Ext (%)	0940	2.0300	0.14000	2.3683	0.30880	0.07667	3			0
003.12	Fat, Hexane Ext (%)	0171	2.4400	0.06000	2.3683	0.30880	0.07667	3			0
003.12	Fat, Hexane Ext (%)	0897	2.6350	0.03000	2.3683	0.30880	0.07667	3			0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	2.1600	0.22000	2.7002	0.22895	0.08117	6	-2.36	10%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	2.6500	0.14000	2.7002	0.22895	0.08117	6	-0.22	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	2.6700	0.02000	2.7002	0.22895	0.08117	6	-0.13	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	2.7550	0.03000	2.7002	0.22895	0.08117	6	0.24	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	2.8095	0.07700	2.7002	0.22895	0.08117	6	0.48	2%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	2.9600	0.00000	2.7002	0.22895	0.08117	6	1.13	5%	0
003.14	Fat, Ankom (%)	0357	1.7500	0.30000	2.7720	0.35473	0.14377	36	-2.88	18%	0
003.14	Fat, Ankom (%)	0019	2.2150	0.25000	2.7720	0.35473	0.14377	36	-1.57	10%	0
003.14	Fat, Ankom (%)	0613	2.3350	0.61000	2.7720	0.35473	0.14377	36	-1.23	8%	0
003.14	Fat, Ankom (%)	0581	2.3550	0.03000	2.7720	0.35473	0.14377	36	-1.18	8%	0
003.14	Fat, Ankom (%)	0034	2.3750	0.13000	2.7720	0.35473	0.14377	36	-1.12	7%	0
003.14	Fat, Ankom (%)	0563	2.4073	0.02340	2.7720	0.35473	0.14377	36	-1.03	7%	0
003.14	Fat, Ankom (%)	0144	2.4300	0.12000	2.7720	0.35473	0.14377	36	-0.96	6%	0
003.14	Fat, Ankom (%)	0037	2.4400	0.00000	2.7720	0.35473	0.14377	36	-0.94	6%	0
003.14	Fat, Ankom (%)	0089	2.4500	0.00000	2.7720	0.35473	0.14377	36	-0.91	6%	0
003.14	Fat, Ankom (%)	0202	2.5450	0.07000	2.7720	0.35473	0.14377	36	-0.64	4%	0
003.14	Fat, Ankom (%)	2075	2.5750	0.05000	2.7720	0.35473	0.14377	36	-0.56	4%	0
003.14	Fat, Ankom (%)	0265	2.6100	0.16000	2.7720	0.35473	0.14377	36	-0.46	3%	0
003.14	Fat, Ankom (%)	0574	2.6700	0.52000	2.7720	0.35473	0.14377	36	-0.29	2%	0
003.14	Fat, Ankom (%)	0009	2.6850	0.05000	2.7720	0.35473	0.14377	36	-0.25	2%	0
003.14	Fat, Ankom (%)	0956	2.7000	0.20000	2.7720	0.35473	0.14377	36	-0.20	1%	0
003.14	Fat, Ankom (%)	0004	2.7600	0.26000	2.7720	0.35473	0.14377	36	-0.03	0%	0
003.14	Fat, Ankom (%)	0066	2.7650	0.07000	2.7720	0.35473	0.14377	36	-0.02	0%	0
003.14	Fat, Ankom (%)	0013	2.7700	0.16000	2.7720	0.35473	0.14377	36	-0.01	0%	0
003.14	Fat, Ankom (%)	0175	2.8050	0.13000	2.7720	0.35473	0.14377	36	0.09	1%	0
003.14	Fat, Ankom (%)	0278	2.8500	0.10000	2.7720	0.35473	0.14377	36	0.22	1%	0
003.14	Fat, Ankom (%)	0683	2.8750	0.13000	2.7720	0.35473	0.14377	36	0.29	2%	0
003.14	Fat, Ankom (%)	0955	2.8800	0.08000	2.7720	0.35473	0.14377	36	0.30	2%	0
003.14	Fat, Ankom (%)	0183	2.8826	0.05980	2.7720	0.35473	0.14377	36	0.31	2%	0
003.14	Fat, Ankom (%)	0692	2.9000	0.00000	2.7720	0.35473	0.14377	36	0.36	2%	0
003.14	Fat, Ankom (%)	0229	2.9050	0.03000	2.7720	0.35473	0.14377	36	0.37	2%	0
003.14	Fat, Ankom (%)	0598	2.9200	0.18000	2.7720	0.35473	0.14377	36	0.42	3%	0
003.14	Fat, Ankom (%)	0529	2.9600	0.00000	2.7720	0.35473	0.14377	36	0.53	3%	0
003.14	Fat, Ankom (%)	0001	2.9620	0.13800	2.7720	0.35473	0.14377	36	0.54	3%	0
003.14	Fat, Ankom (%)	0948	2.9900	0.00000	2.7720	0.35473	0.14377	36	0.61	4%	0
003.14	Fat, Ankom (%)	0407	2.9910	0.19940	2.7720	0.35473	0.14377	36	0.62	4%	0
003.14	Fat, Ankom (%)	0108	3.0000	0.04000	2.7720	0.35473	0.14377	36	0.64	4%	0
003.14	Fat, Ankom (%)	0413	3.7500	0.30000	2.7720	0.35473	0.14377	36	2.76	18%	0
003.14	Fat, Ankom (%)	0190	3.7600	0.08000	2.7720	0.35473	0.14377	36	2.79	18%	0
003.14	Fat, Ankom (%)	0968	4.1815	0.50500	2.7720	0.35473	0.14377	36	3.97	25%	0
003.14	Fat, Ankom (%)	0358	4.5800	0.12000	2.7720	0.35473	0.14377	36	5.10	33%	0
003.14	Fat, Ankom (%)	0843	4.7000	0.08000	2.7720	0.35473	0.14377	36	5.43	35%	0
003.14	Fat, Ankom (%)	0003	3.1550	2.3100	2.7720	0.35473	0.14377	36	1.08	7%	1
003.99	Fat, Miscellaneous (%)	1019	1.8000	0.20000	2.3300	0.74953	0.93333	3			0
003.99	Fat, Miscellaneous (%)	0546	2.8600	0.00000	2.3300	0.74953	0.93333	3			0
003.99	Fat, Miscellaneous (%)	0880	3.9000	2.6000	2.3300	0.74953	0.93333	3			0
004.00	Fiber, Crude, Asbestos Free (%)	2076	5.8285	0.34300	6.8023	0.43025	0.14060	14	-2.26	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.00	Fiber, Crude, Asbestos Free (%)	2004	6.3300	0.02000	6.8023	0.43025	0.14060	14	-1.10	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	6.5773	0.19540	6.8023	0.43025	0.14060	14	-0.52	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	6.6050	0.19000	6.8023	0.43025	0.14060	14	-0.46	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	6.6150	0.13000	6.8023	0.43025	0.14060	14	-0.44	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	6.6600	0.04000	6.8023	0.43025	0.14060	14	-0.33	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	6.6650	0.19000	6.8023	0.43025	0.14060	14	-0.32	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	6.7500	0.10000	6.8023	0.43025	0.14060	14	-0.12	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	6.9000	0.60000	6.8023	0.43025	0.14060	14	0.23	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	6.9000	0.00000	6.8023	0.43025	0.14060	14	0.23	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	6.9300	0.06000	6.8023	0.43025	0.14060	14	0.30	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	7.2500	0.02000	6.8023	0.43025	0.14060	14	1.04	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	7.4450	0.03000	6.8023	0.43025	0.14060	14	1.49	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	11.665	0.05000	6.8023	0.43025	0.14060	14	11.30	36%	0
004.00	Fiber, Crude, Asbestos Free (%)	0876	11.450	1.7000	6.8023	0.43025	0.14060	14	10.80	34%	1
004.01	Fiber, Sing Filt (%)	0045	7.7250	0.59000			0.34500	2			0
004.01	Fiber, Sing Filt (%)	0366	8.6500	0.10000			0.34500	2			0
004.03	Fiber, Fritted Glass (%)	2089	4.7950	0.09000	6.5238	1.3234	0.19750	4	-1.31	13%	0
004.03	Fiber, Fritted Glass (%)	0353	6.5050	0.17000	6.5238	1.3234	0.19750	4	-0.01	0%	0
004.03	Fiber, Fritted Glass (%)	0626	6.7900	0.08000	6.5238	1.3234	0.19750	4	0.20	2%	0
004.03	Fiber, Fritted Glass (%)	0693	8.0050	0.45000	6.5238	1.3234	0.19750	4	1.12	11%	0
004.06	Fiber, Fibertec (%)	0689	6.1000	0.00000	6.7264	0.44548	0.15152	21	-1.41	5%	0
004.06	Fiber, Fibertec (%)	0199	6.1250	0.13000	6.7264	0.44548	0.15152	21	-1.35	4%	0
004.06	Fiber, Fibertec (%)	2022	6.3800	0.10000	6.7264	0.44548	0.15152	21	-0.78	3%	0
004.06	Fiber, Fibertec (%)	0590	6.3850	0.19000	6.7264	0.44548	0.15152	21	-0.77	3%	0
004.06	Fiber, Fibertec (%)	0918	6.3900	0.02000	6.7264	0.44548	0.15152	21	-0.76	3%	0
004.06	Fiber, Fibertec (%)	0205	6.4350	0.05000	6.7264	0.44548	0.15152	21	-0.65	2%	0
004.06	Fiber, Fibertec (%)	0941	6.5250	0.15000	6.7264	0.44548	0.15152	21	-0.45	1%	0
004.06	Fiber, Fibertec (%)	0897	6.5650	0.01000	6.7264	0.44548	0.15152	21	-0.36	1%	0
004.06	Fiber, Fibertec (%)	0512	6.5780	0.39400	6.7264	0.44548	0.15152	21	-0.33	1%	0
004.06	Fiber, Fibertec (%)	0675	6.6150	0.05000	6.7264	0.44548	0.15152	21	-0.25	1%	0
004.06	Fiber, Fibertec (%)	0098	6.6200	0.06000	6.7264	0.44548	0.15152	21	-0.24	1%	0
004.06	Fiber, Fibertec (%)	0027	6.6920	0.13000	6.7264	0.44548	0.15152	21	-0.08	0%	0
004.06	Fiber, Fibertec (%)	2068	6.7000	0.15800	6.7264	0.44548	0.15152	21	-0.06	0%	0
004.06	Fiber, Fibertec (%)	0722	6.8357	0.02900	6.7264	0.44548	0.15152	21	0.25	1%	0
004.06	Fiber, Fibertec (%)	2006	6.9200	0.04000	6.7264	0.44548	0.15152	21	0.43	1%	0
004.06	Fiber, Fibertec (%)	0948	6.9250	0.13000	6.7264	0.44548	0.15152	21	0.45	1%	0
004.06	Fiber, Fibertec (%)	0038	7.0300	0.56000	6.7264	0.44548	0.15152	21	0.68	2%	0
004.06	Fiber, Fibertec (%)	2097	7.3088	0.12090	6.7264	0.44548	0.15152	21	1.31	4%	0
004.06	Fiber, Fibertec (%)	0552	7.3350	0.51000	6.7264	0.44548	0.15152	21	1.37	5%	0
004.06	Fiber, Fibertec (%)	0676	7.9850	0.35000	6.7264	0.44548	0.15152	21	2.83	9%	0
004.06	Fiber, Fibertec (%)	0674	8.0200	0.00000	6.7264	0.44548	0.15152	21	2.90	10%	0
004.07	Fiber, ANKOM (%)	0265	1.7700	0.26000	9.4278	2.0573	0.33039	47	-3.72	41%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0505	5.8550	0.11000	9.4278	2.0573	0.33039	47	-1.74	19%	0
004.07	Fiber, ANKOM (%)	2012	5.8850	0.07000	9.4278	2.0573	0.33039	47	-1.72	19%	0
004.07	Fiber, ANKOM (%)	0407	6.7014	0.02330	9.4278	2.0573	0.33039	47	-1.33	14%	0
004.07	Fiber, ANKOM (%)	0100	6.7200	0.40000	9.4278	2.0573	0.33039	47	-1.32	14%	0
004.07	Fiber, ANKOM (%)	0968	6.7470	0.12200	9.4278	2.0573	0.33039	47	-1.30	14%	0
004.07	Fiber, ANKOM (%)	0861	6.8100	0.38000	9.4278	2.0573	0.33039	47	-1.27	14%	0
004.07	Fiber, ANKOM (%)	0413	7.2000	0.20000	9.4278	2.0573	0.33039	47	-1.08	12%	0
004.07	Fiber, ANKOM (%)	0190	7.7000	0.20000	9.4278	2.0573	0.33039	47	-0.84	9%	0
004.07	Fiber, ANKOM (%)	0098	7.7050	0.23000	9.4278	2.0573	0.33039	47	-0.84	9%	0
004.07	Fiber, ANKOM (%)	0354	7.8350	0.01000	9.4278	2.0573	0.33039	47	-0.77	8%	0
004.07	Fiber, ANKOM (%)	0074	8.1100	0.10000	9.4278	2.0573	0.33039	47	-0.64	7%	0
004.07	Fiber, ANKOM (%)	0563	8.2387	0.05590	9.4278	2.0573	0.33039	47	-0.58	6%	0
004.07	Fiber, ANKOM (%)	0948	8.3300	0.06000	9.4278	2.0573	0.33039	47	-0.53	6%	0
004.07	Fiber, ANKOM (%)	0034	8.3600	0.64000	9.4278	2.0573	0.33039	47	-0.52	6%	0
004.07	Fiber, ANKOM (%)	2053	8.5450	0.07000	9.4278	2.0573	0.33039	47	-0.43	5%	0
004.07	Fiber, ANKOM (%)	0581	8.7700	0.12000	9.4278	2.0573	0.33039	47	-0.32	3%	0
004.07	Fiber, ANKOM (%)	0683	8.9400	0.30000	9.4278	2.0573	0.33039	47	-0.24	3%	0
004.07	Fiber, ANKOM (%)	0510	9.0000	0.00000	9.4278	2.0573	0.33039	47	-0.21	2%	0
004.07	Fiber, ANKOM (%)	0956	9.2000	0.80000	9.4278	2.0573	0.33039	47	-0.11	1%	0
004.07	Fiber, ANKOM (%)	0035	9.2050	0.01000	9.4278	2.0573	0.33039	47	-0.11	1%	0
004.07	Fiber, ANKOM (%)	0297	9.2500	0.04000	9.4278	2.0573	0.33039	47	-0.09	1%	0
004.07	Fiber, ANKOM (%)	0613	9.2800	1.3800	9.4278	2.0573	0.33039	47	-0.07	1%	0
004.07	Fiber, ANKOM (%)	0033	9.3100	0.54000	9.4278	2.0573	0.33039	47	-0.06	1%	0
004.07	Fiber, ANKOM (%)	0009	9.4900	0.10000	9.4278	2.0573	0.33039	47	0.03	0%	0
004.07	Fiber, ANKOM (%)	0229	9.7250	0.15000	9.4278	2.0573	0.33039	47	0.14	2%	0
004.07	Fiber, ANKOM (%)	2109	9.8550	0.31000	9.4278	2.0573	0.33039	47	0.21	2%	0
004.07	Fiber, ANKOM (%)	0066	9.9400	0.94000	9.4278	2.0573	0.33039	47	0.25	3%	0
004.07	Fiber, ANKOM (%)	0939	9.9600	0.30000	9.4278	2.0573	0.33039	47	0.26	3%	0
004.07	Fiber, ANKOM (%)	0529	9.9900	0.02000	9.4278	2.0573	0.33039	47	0.27	3%	0
004.07	Fiber, ANKOM (%)	0708	10.045	0.47000	9.4278	2.0573	0.33039	47	0.30	3%	0
004.07	Fiber, ANKOM (%)	0003	10.420	0.94000	9.4278	2.0573	0.33039	47	0.48	5%	0
004.07	Fiber, ANKOM (%)	0083	10.600	0.40000	9.4278	2.0573	0.33039	47	0.57	6%	0
004.07	Fiber, ANKOM (%)	0089	10.605	0.01000	9.4278	2.0573	0.33039	47	0.57	6%	0
004.07	Fiber, ANKOM (%)	0144	11.030	0.12000	9.4278	2.0573	0.33039	47	0.78	8%	0
004.07	Fiber, ANKOM (%)	0294	11.150	0.10000	9.4278	2.0573	0.33039	47	0.84	9%	0
004.07	Fiber, ANKOM (%)	0904	11.225	0.43000	9.4278	2.0573	0.33039	47	0.87	10%	0
004.07	Fiber, ANKOM (%)	0955	11.250	0.50000	9.4278	2.0573	0.33039	47	0.89	10%	0
004.07	Fiber, ANKOM (%)	0300	11.254	0.66710	9.4278	2.0573	0.33039	47	0.89	10%	0
004.07	Fiber, ANKOM (%)	2075	11.350	0.30000	9.4278	2.0573	0.33039	47	0.93	10%	0
004.07	Fiber, ANKOM (%)	0026	11.430	0.22000	9.4278	2.0573	0.33039	47	0.97	11%	0
004.07	Fiber, ANKOM (%)	0553	11.535	0.47000	9.4278	2.0573	0.33039	47	1.02	11%	0
004.07	Fiber, ANKOM (%)	0278	11.850	0.10000	9.4278	2.0573	0.33039	47	1.18	13%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0019	11.880	0.24000	9.4278	2.0573	0.33039	47	1.19	13%	0
004.07	Fiber, ANKOM (%)	0598	12.960	0.22000	9.4278	2.0573	0.33039	47	1.72	19%	0
004.07	Fiber, ANKOM (%)	0202	13.365	1.0300	9.4278	2.0573	0.33039	47	1.91	21%	0
004.07	Fiber, ANKOM (%)	0004	25.015	1.3700	9.4278	2.0573	0.33039	47	7.58	83%	0
004.07	Fiber, ANKOM (%)	0013	9.4400	2.0000	9.4278	2.0573	0.33039	47	0.01	0%	1
004.07	Fiber, ANKOM (%)	0692	9.7000	2.0000	9.4278	2.0573	0.33039	47	0.13	1%	1
004.11	Fiber, NIR (%)	0889	7.5250	0.29000	9.9813	2.5336	0.43250	4	-0.97	12%	0
004.11	Fiber, NIR (%)	2036	8.0700	0.56000	9.9813	2.5336	0.43250	4	-0.75	10%	0
004.11	Fiber, NIR (%)	2120	12.035	0.13000	9.9813	2.5336	0.43250	4	0.81	10%	0
004.11	Fiber, NIR (%)	0852	12.295	0.75000	9.9813	2.5336	0.43250	4	0.91	12%	0
004.99	Fiber, Miscellaneous (%)	0610	5.8000	0.00000	6.1000	0.42426	0.00667	3			0
004.99	Fiber, Miscellaneous (%)	0940	6.1000	0.02000	6.1000	0.42426	0.00667	3			0
004.99	Fiber, Miscellaneous (%)	0629	6.4000	0.00000	6.1000	0.42426	0.00667	3			0
005.00	Ash, 2h @ 600°C (%)	2012	28.245	0.15000	31.780	0.50704	0.22317	74	-6.97	6%	0
005.00	Ash, 2h @ 600°C (%)	0278	28.620	0.30000	31.780	0.50704	0.22317	74	-6.23	5%	0
005.00	Ash, 2h @ 600°C (%)	2068	29.038	0.14100	31.780	0.50704	0.22317	74	-5.41	4%	0
005.00	Ash, 2h @ 600°C (%)	0208	29.600	1.4000	31.780	0.50704	0.22317	74	-4.30	3%	0
005.00	Ash, 2h @ 600°C (%)	0693	29.700	0.00000	31.780	0.50704	0.22317	74	-4.10	3%	0
005.00	Ash, 2h @ 600°C (%)	2073	30.270	0.18000	31.780	0.50704	0.22317	74	-2.98	2%	0
005.00	Ash, 2h @ 600°C (%)	2053	30.305	0.07000	31.780	0.50704	0.22317	74	-2.91	2%	0
005.00	Ash, 2h @ 600°C (%)	0142	30.390	0.04000	31.780	0.50704	0.22317	74	-2.74	2%	0
005.00	Ash, 2h @ 600°C (%)	0874	30.480	1.4200	31.780	0.50704	0.22317	74	-2.56	2%	0
005.00	Ash, 2h @ 600°C (%)	0598	30.595	0.19000	31.780	0.50704	0.22317	74	-2.34	2%	0
005.00	Ash, 2h @ 600°C (%)	0918	30.635	0.19000	31.780	0.50704	0.22317	74	-2.26	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	30.800	1.4000	31.780	0.50704	0.22317	74	-1.93	2%	0
005.00	Ash, 2h @ 600°C (%)	0164	31.195	0.03000	31.780	0.50704	0.22317	74	-1.15	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	31.270	0.58000	31.780	0.50704	0.22317	74	-1.01	1%	0
005.00	Ash, 2h @ 600°C (%)	0425	31.350	0.10000	31.780	0.50704	0.22317	74	-0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0205	31.360	0.26000	31.780	0.50704	0.22317	74	-0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	31.365	0.28040	31.780	0.50704	0.22317	74	-0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0298	31.500	0.02000	31.780	0.50704	0.22317	74	-0.55	0%	0
005.00	Ash, 2h @ 600°C (%)	0026	31.520	0.36000	31.780	0.50704	0.22317	74	-0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	31.580	1.7600	31.780	0.50704	0.22317	74	-0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0722	31.581	0.14520	31.780	0.50704	0.22317	74	-0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0620	31.624	0.07580	31.780	0.50704	0.22317	74	-0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	31.655	0.11000	31.780	0.50704	0.22317	74	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0183	31.665	0.11160	31.780	0.50704	0.22317	74	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0861	31.680	0.10000	31.780	0.50704	0.22317	74	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	31.698	0.29200	31.780	0.50704	0.22317	74	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0199	31.700	0.40000	31.780	0.50704	0.22317	74	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	31.700	0.34000	31.780	0.50704	0.22317	74	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	31.715	0.15000	31.780	0.50704	0.22317	74	-0.13	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0175	31.750	0.10000	31.780	0.50704	0.22317	74	-0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0563	31.756	0.02450	31.780	0.50704	0.22317	74	-0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	31.760	0.44000	31.780	0.50704	0.22317	74	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0089	31.780	0.00000	31.780	0.50704	0.22317	74	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	31.805	0.07000	31.780	0.50704	0.22317	74	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	31.813	0.11130	31.780	0.50704	0.22317	74	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	2097	31.816	0.47500	31.780	0.50704	0.22317	74	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0004	31.825	0.03000	31.780	0.50704	0.22317	74	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0138	31.826	0.34900	31.780	0.50704	0.22317	74	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	31.835	0.01000	31.780	0.50704	0.22317	74	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0552	31.840	0.04000	31.780	0.50704	0.22317	74	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0297	31.850	0.70000	31.780	0.50704	0.22317	74	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	31.850	0.00000	31.780	0.50704	0.22317	74	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	31.910	0.34000	31.780	0.50704	0.22317	74	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	31.910	0.06000	31.780	0.50704	0.22317	74	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0880	31.926	0.08400	31.780	0.50704	0.22317	74	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	31.967	0.02000	31.780	0.50704	0.22317	74	0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	31.970	0.22000	31.780	0.50704	0.22317	74	0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	32.025	0.09000	31.780	0.50704	0.22317	74	0.48	0%	0
005.00	Ash, 2h @ 600°C (%)	0953	32.025	0.13000	31.780	0.50704	0.22317	74	0.48	0%	0
005.00	Ash, 2h @ 600°C (%)	0065	32.030	0.08000	31.780	0.50704	0.22317	74	0.49	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	32.040	0.00000	31.780	0.50704	0.22317	74	0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	32.040	0.12000	31.780	0.50704	0.22317	74	0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	0948	32.110	0.06000	31.780	0.50704	0.22317	74	0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	32.115	0.09000	31.780	0.50704	0.22317	74	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	32.130	0.06000	31.780	0.50704	0.22317	74	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	32.130	0.18000	31.780	0.50704	0.22317	74	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	2106	32.145	0.07000	31.780	0.50704	0.22317	74	0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	32.150	0.06000	31.780	0.50704	0.22317	74	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	32.190	0.16000	31.780	0.50704	0.22317	74	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	32.190	0.08000	31.780	0.50704	0.22317	74	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	32.200	0.20000	31.780	0.50704	0.22317	74	0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0357	32.200	0.20000	31.780	0.50704	0.22317	74	0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	32.209	0.02900	31.780	0.50704	0.22317	74	0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	32.272	0.03400	31.780	0.50704	0.22317	74	0.97	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	32.275	0.01000	31.780	0.50704	0.22317	74	0.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	32.280	0.02000	31.780	0.50704	0.22317	74	0.99	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	32.315	0.33000	31.780	0.50704	0.22317	74	1.05	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	32.325	0.03000	31.780	0.50704	0.22317	74	1.07	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	32.345	0.05000	31.780	0.50704	0.22317	74	1.11	1%	0
005.00	Ash, 2h @ 600°C (%)	0615	32.395	0.23000	31.780	0.50704	0.22317	74	1.21	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	32.400	0.00000	31.780	0.50704	0.22317	74	1.22	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	2089	32.535	0.01000	31.780	0.50704	0.22317	74	1.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0062	33.266	0.12200	31.780	0.50704	0.22317	74	2.93	2%	0
005.00	Ash, 2h @ 600°C (%)	0152	39.300	0.40000	31.780	0.50704	0.22317	74	14.83	12%	0
005.00	Ash, 2h @ 600°C (%)	0019	29.800	2.0000	31.780	0.50704	0.22317	74	-3.91	3%	1
005.00	Ash, 2h @ 600°C (%)	0957	30.680	2.4200	31.780	0.50704	0.22317	74	-2.17	2%	1
005.00	Ash, 2h @ 600°C (%)	1019	34.075	2.8500	31.780	0.50704	0.22317	74	4.53	4%	1
005.00	Ash, 2h @ 600°C (%)	0852	12.350	0.30000	31.780	0.50704	0.22317	74	-38.32	31%	2
005.05	Ash, 3h @ 550°C (%)	0904	30.230	0.10000	31.833	0.50054	0.20412	17	-3.20	3%	0
005.05	Ash, 3h @ 550°C (%)	0692	31.050	0.50000	31.833	0.50054	0.20412	17	-1.56	1%	0
005.05	Ash, 3h @ 550°C (%)	0038	31.250	0.32000	31.833	0.50054	0.20412	17	-1.16	1%	0
005.05	Ash, 3h @ 550°C (%)	0940	31.340	0.08000	31.833	0.50054	0.20412	17	-0.98	1%	0
005.05	Ash, 3h @ 550°C (%)	0590	31.470	0.74000	31.833	0.50054	0.20412	17	-0.73	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	31.750	0.34000	31.833	0.50054	0.20412	17	-0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	31.850	0.10000	31.833	0.50054	0.20412	17	0.03	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	31.855	0.03000	31.833	0.50054	0.20412	17	0.04	0%	0
005.05	Ash, 3h @ 550°C (%)	0066	31.920	0.22000	31.833	0.50054	0.20412	17	0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	31.955	0.05000	31.833	0.50054	0.20412	17	0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	0685	31.985	0.01000	31.833	0.50054	0.20412	17	0.30	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	32.120	0.00000	31.833	0.50054	0.20412	17	0.57	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	32.185	0.29000	31.833	0.50054	0.20412	17	0.70	1%	0
005.05	Ash, 3h @ 550°C (%)	0897	32.230	0.06000	31.833	0.50054	0.20412	17	0.79	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	32.270	0.00000	31.833	0.50054	0.20412	17	0.87	1%	0
005.05	Ash, 3h @ 550°C (%)	0413	32.350	0.50000	31.833	0.50054	0.20412	17	1.03	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	32.465	0.13000	31.833	0.50054	0.20412	17	1.26	1%	0
005.05	Ash, 3h @ 550°C (%)	0956	31.700	2.0000	31.833	0.50054	0.20412	17	-0.27	0%	1
005.11	Ash, NIR (%)	0852	4.0900	0.16000	18.018	8.9219	1.1440	5	-1.56	39%	0
005.11	Ash, NIR (%)	2036	16.815	0.55000	18.018	8.9219	1.1440	5	-0.13	3%	0
005.11	Ash, NIR (%)	2120	20.110	1.2000	18.018	8.9219	1.1440	5	0.23	6%	0
005.11	Ash, NIR (%)	0297	20.440	0.56000	18.018	8.9219	1.1440	5	0.27	7%	0
005.11	Ash, NIR (%)	0889	28.635	3.2500	18.018	8.9219	1.1440	5	1.19	29%	0
005.99	Ash, Miscellaneous (%)	0662	31.059	0.03920	31.907	0.54107	0.15240	8	-1.57	1%	0
005.99	Ash, Miscellaneous (%)	0652	31.510	0.12000	31.907	0.54107	0.15240	8	-0.73	1%	0
005.99	Ash, Miscellaneous (%)	0202	31.555	0.03000	31.907	0.54107	0.15240	8	-0.65	1%	0
005.99	Ash, Miscellaneous (%)	0574	31.890	0.28000	31.907	0.54107	0.15240	8	-0.03	0%	0
005.99	Ash, Miscellaneous (%)	0629	32.160	0.14000	31.907	0.54107	0.15240	8	0.47	0%	0
005.99	Ash, Miscellaneous (%)	0676	32.305	0.15000	31.907	0.54107	0.15240	8	0.74	1%	0
005.99	Ash, Miscellaneous (%)	0546	32.340	0.06000	31.907	0.54107	0.15240	8	0.80	1%	0
005.99	Ash, Miscellaneous (%)	2004	32.400	0.40000	31.907	0.54107	0.15240	8	0.91	1%	0
006.00	Total sugars, As sucrose (%)	0921	1.5200	0.08000			0.07500	2			0
006.00	Total sugars, As sucrose (%)	0939	2.9250	0.07000			0.07500	2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	2.2950	0.03000			0.21500	2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	3.2000	0.40000			0.21500	2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
006.05	Total sugars, TSI, Lane-Eunon (12th) (%)	0045	4.4750	0.31000			0.31000	1			0
006.99	Total sugars, Miscellaneous (%)	0956	3.9000	0.00000			0.00000	1			0
007.00	Urease, Act pH Chng (%)	0529	0.02500	0.01000			0.01000	1			0
008.02	Fiber, Acid Detergent (%)	0590	7.8000	0.20000	9.1000	0.66158	0.12988	13	-1.96	7%	0
008.02	Fiber, Acid Detergent (%)	0676	8.1150	0.39000	9.1000	0.66158	0.12988	13	-1.49	5%	0
008.02	Fiber, Acid Detergent (%)	0948	8.6100	0.06000	9.1000	0.66158	0.12988	13	-0.74	3%	0
008.02	Fiber, Acid Detergent (%)	0038	8.9650	0.01000	9.1000	0.66158	0.12988	13	-0.20	1%	0
008.02	Fiber, Acid Detergent (%)	0353	9.0100	0.44000	9.1000	0.66158	0.12988	13	-0.14	0%	0
008.02	Fiber, Acid Detergent (%)	0098	9.0300	0.08000	9.1000	0.66158	0.12988	13	-0.11	0%	0
008.02	Fiber, Acid Detergent (%)	0675	9.0750	0.01000	9.1000	0.66158	0.12988	13	-0.04	0%	0
008.02	Fiber, Acid Detergent (%)	0208	9.1400	0.14000	9.1000	0.66158	0.12988	13	0.06	0%	0
008.02	Fiber, Acid Detergent (%)	0309	9.3224	0.08850	9.1000	0.66158	0.12988	13	0.34	1%	0
008.02	Fiber, Acid Detergent (%)	0148	9.4750	0.03000	9.1000	0.66158	0.12988	13	0.57	2%	0
008.02	Fiber, Acid Detergent (%)	0226	9.6000	0.20000	9.1000	0.66158	0.12988	13	0.76	3%	0
008.02	Fiber, Acid Detergent (%)	0674	9.7600	0.00000	9.1000	0.66158	0.12988	13	1.00	4%	0
008.02	Fiber, Acid Detergent (%)	0187	10.090	0.04000	9.1000	0.66158	0.12988	13	1.50	5%	0
008.02	Fiber, Acid Detergent (%)	0504	12.320	0.74000	9.1000	0.66158	0.12988	13	4.87	18%	1
008.05	Fiber, Acid Detergent-Hach (%)	0265	9.4500	0.10000			0.10000	1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0563	7.2132	0.01740	9.1580	1.0397	0.22640	36	-1.87	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	7.2725	0.19100	9.1580	1.0397	0.22640	36	-1.81	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	7.7000	0.18000	9.1580	1.0397	0.22640	36	-1.40	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	7.9050	0.01000	9.1580	1.0397	0.22640	36	-1.21	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	7.9100	0.32000	9.1580	1.0397	0.22640	36	-1.20	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	7.9550	0.49000	9.1580	1.0397	0.22640	36	-1.16	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	8.2000	0.40000	9.1580	1.0397	0.22640	36	-0.92	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0013	8.2900	0.34000	9.1580	1.0397	0.22640	36	-0.83	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	8.4550	0.21000	9.1580	1.0397	0.22640	36	-0.68	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	8.6000	0.00000	9.1580	1.0397	0.22640	36	-0.54	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	8.6000	0.20000	9.1580	1.0397	0.22640	36	-0.54	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	8.7500	0.50000	9.1580	1.0397	0.22640	36	-0.39	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0033	8.8300	0.38000	9.1580	1.0397	0.22640	36	-0.32	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	8.8900	0.30000	9.1580	1.0397	0.22640	36	-0.26	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	8.9450	0.09000	9.1580	1.0397	0.22640	36	-0.20	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	8.9500	0.10000	9.1580	1.0397	0.22640	36	-0.20	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0169	9.0850	0.03000	9.1580	1.0397	0.22640	36	-0.07	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	9.1350	0.15000	9.1580	1.0397	0.22640	36	-0.02	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0939	9.2650	0.91000	9.1580	1.0397	0.22640	36	0.10	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0592	9.2790	0.08800	9.1580	1.0397	0.22640	36	0.12	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	9.3700	0.18000	9.1580	1.0397	0.22640	36	0.20	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	9.4100	0.10000	9.1580	1.0397	0.22640	36	0.24	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	9.4321	0.36200	9.1580	1.0397	0.22640	36	0.26	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	9.4500	0.20000	9.1580	1.0397	0.22640	36	0.28	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
008.08	Fiber, Acid Detergent, ANKOM (%)	0904	9.5400	0.94000	9.1580	1.0397	0.22640	36	0.37	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	9.7000	0.20000	9.1580	1.0397	0.22640	36	0.52	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	9.7750	0.11000	9.1580	1.0397	0.22640	36	0.59	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	9.9550	0.17000	9.1580	1.0397	0.22640	36	0.77	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	9.9860	0.03200	9.1580	1.0397	0.22640	36	0.80	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	10.000	0.20000	9.1580	1.0397	0.22640	36	0.81	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	10.070	0.08000	9.1580	1.0397	0.22640	36	0.88	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	10.405	0.01000	9.1580	1.0397	0.22640	36	1.20	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	10.500	0.00000	9.1580	1.0397	0.22640	36	1.29	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0026	10.905	0.01000	9.1580	1.0397	0.22640	36	1.68	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	13.765	0.65000	9.1580	1.0397	0.22640	36	4.43	25%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	18.400	0.00000	9.1580	1.0397	0.22640	36	8.89	50%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	9.7550	4.2700	9.1580	1.0397	0.22640	36	0.57	3%	1
008.99	Fiber, Acid Detergent Miscellaneous (%)	0610	9.1750	0.05000			0.05000	1			0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	19.485	0.15000			0.15000	1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	17.300	0.40000	19.630	1.6056	0.24969	10	-1.45	6%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	17.430	0.02000	19.630	1.6056	0.24969	10	-1.37	6%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0590	18.950	0.30000	19.630	1.6056	0.24969	10	-0.42	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	19.110	0.18000	19.630	1.6056	0.24969	10	-0.32	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	19.750	0.30000	19.630	1.6056	0.24969	10	0.07	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	20.300	0.12000	19.630	1.6056	0.24969	10	0.42	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0610	20.450	0.30000	19.630	1.6056	0.24969	10	0.51	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0674	20.600	0.00000	19.630	1.6056	0.24969	10	0.60	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	21.149	0.01690	19.630	1.6056	0.24969	10	0.95	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0676	21.260	0.86000	19.630	1.6056	0.24969	10	1.02	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0208	21.850	2.5000	19.630	1.6056	0.24969	10	1.38	6%	1
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	17.815	0.35000	20.063	1.3915	0.42304	31	-1.62	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0563	18.047	0.31200	20.063	1.3915	0.42304	31	-1.45	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	18.050	0.50000	20.063	1.3915	0.42304	31	-1.45	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0190	18.250	0.14000	20.063	1.3915	0.42304	31	-1.30	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	18.505	0.83000	20.063	1.3915	0.42304	31	-1.12	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	18.805	0.13000	20.063	1.3915	0.42304	31	-0.90	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	18.954	0.00200	20.063	1.3915	0.42304	31	-0.80	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	19.110	0.12000	20.063	1.3915	0.42304	31	-0.68	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	19.165	0.93000	20.063	1.3915	0.42304	31	-0.65	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	19.200	0.60000	20.063	1.3915	0.42304	31	-0.62	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	19.350	0.50000	20.063	1.3915	0.42304	31	-0.51	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	19.670	0.44000	20.063	1.3915	0.42304	31	-0.28	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	19.850	0.10000	20.063	1.3915	0.42304	31	-0.15	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	19.900	0.20000	20.063	1.3915	0.42304	31	-0.12	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	20.075	0.37000	20.063	1.3915	0.42304	31	0.01	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	20.550	0.30000	20.063	1.3915	0.42304	31	0.35	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
009.09	Fiber, Neutral Detergent, ANKOM (%)	0592	20.588	0.29400	20.063	1.3915	0.42304	31	0.38	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	20.588	0.60800	20.063	1.3915	0.42304	31	0.38	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	20.640	0.06000	20.063	1.3915	0.42304	31	0.41	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0169	20.640	0.20000	20.063	1.3915	0.42304	31	0.41	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	20.640	0.48000	20.063	1.3915	0.42304	31	0.41	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	20.655	0.71000	20.063	1.3915	0.42304	31	0.43	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	20.750	1.1000	20.063	1.3915	0.42304	31	0.49	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	20.900	1.0000	20.063	1.3915	0.42304	31	0.60	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	20.949	0.42810	20.063	1.3915	0.42304	31	0.64	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	21.000	0.60000	20.063	1.3915	0.42304	31	0.67	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0904	21.500	0.72000	20.063	1.3915	0.42304	31	1.03	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	21.550	0.10000	20.063	1.3915	0.42304	31	1.07	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	21.800	0.60000	20.063	1.3915	0.42304	31	1.25	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	22.200	0.20000	20.063	1.3915	0.42304	31	1.54	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	22.275	0.19000	20.063	1.3915	0.42304	31	1.59	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	19.780	1.7400	20.063	1.3915	0.42304	31	-0.20	1%	1
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	12.395	0.45000			2.4400	2			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0613	21.835	4.4300			2.4400	2			0
010.03	Moisture, Karl-Fischer (%)	0843	4.7000	0.38000	5.2500	0.47760	0.34667	3			0
010.03	Moisture, Karl-Fischer (%)	0208	5.4900	0.24000	5.2500	0.47760	0.34667	3			0
010.03	Moisture, Karl-Fischer (%)	0164	5.5600	0.42000	5.2500	0.47760	0.34667	3			0
010.11	Moisture, NIR (%)	0889	6.0500	0.02000	8.3963	1.9720	0.14250	4	-1.19	14%	0
010.11	Moisture, NIR (%)	2036	7.5200	0.06000	8.3963	1.9720	0.14250	4	-0.44	5%	0
010.11	Moisture, NIR (%)	2120	9.6900	0.30000	8.3963	1.9720	0.14250	4	0.66	8%	0
010.11	Moisture, NIR (%)	0852	10.325	0.19000	8.3963	1.9720	0.14250	4	0.98	11%	0
010.99	Moisture, Miscellaneous (%)	0546	5.3100	0.00000	6.5412	0.38959	0.14919	12	-3.16	9%	0
010.99	Moisture, Miscellaneous (%)	0019	6.1300	0.32000	6.5412	0.38959	0.14919	12	-1.06	3%	0
010.99	Moisture, Miscellaneous (%)	0917	6.2000	0.00000	6.5412	0.38959	0.14919	12	-0.88	3%	0
010.99	Moisture, Miscellaneous (%)	0948	6.3000	0.08000	6.5412	0.38959	0.14919	12	-0.62	2%	0
010.99	Moisture, Miscellaneous (%)	0692	6.4500	0.10000	6.5412	0.38959	0.14919	12	-0.23	1%	0
010.99	Moisture, Miscellaneous (%)	0722	6.5373	0.22030	6.5412	0.38959	0.14919	12	-0.01	0%	0
010.99	Moisture, Miscellaneous (%)	2089	6.6600	0.20000	6.5412	0.38959	0.14919	12	0.30	1%	0
010.99	Moisture, Miscellaneous (%)	2105	6.6850	0.19000	6.5412	0.38959	0.14919	12	0.37	1%	0
010.99	Moisture, Miscellaneous (%)	0939	6.7950	0.29000	6.5412	0.38959	0.14919	12	0.65	2%	0
010.99	Moisture, Miscellaneous (%)	0190	6.8100	0.02000	6.5412	0.38959	0.14919	12	0.69	2%	0
010.99	Moisture, Miscellaneous (%)	2004	6.8450	0.31000	6.5412	0.38959	0.14919	12	0.78	2%	0
010.99	Moisture, Miscellaneous (%)	0405	7.4900	0.06000	6.5412	0.38959	0.14919	12	2.44	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	5.9400	0.06000	8.6929	0.74823	0.12357	60	-3.68	16%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	6.7050	0.11000	8.6929	0.74823	0.12357	60	-2.66	11%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	7.0800	0.18000	8.6929	0.74823	0.12357	60	-2.16	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	7.2500	0.50000	8.6929	0.74823	0.12357	60	-1.93	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	7.3600	0.08000	8.6929	0.74823	0.12357	60	-1.78	8%	0

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011.01	Loss on Drying, 135°C 2hr (%)	0620	7.5180	0.01090	8.6929	0.74823	0.12357	60	-1.57	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	7.7000	0.10000	8.6929	0.74823	0.12357	60	-1.33	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	7.7000	0.00000	8.6929	0.74823	0.12357	60	-1.33	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	7.7370	0.40600	8.6929	0.74823	0.12357	60	-1.28	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	7.9050	0.19000	8.6929	0.74823	0.12357	60	-1.05	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	7.9090	0.07960	8.6929	0.74823	0.12357	60	-1.05	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2095	7.9750	0.25000	8.6929	0.74823	0.12357	60	-0.96	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	8.0950	0.13000	8.6929	0.74823	0.12357	60	-0.80	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0300	8.1285	0.09300	8.6929	0.74823	0.12357	60	-0.75	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	8.2450	0.29000	8.6929	0.74823	0.12357	60	-0.60	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	8.2500	0.10000	8.6929	0.74823	0.12357	60	-0.59	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	8.2500	0.02000	8.6929	0.74823	0.12357	60	-0.59	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	8.3292	0.07660	8.6929	0.74823	0.12357	60	-0.49	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	8.4150	0.17000	8.6929	0.74823	0.12357	60	-0.37	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	8.4150	0.03000	8.6929	0.74823	0.12357	60	-0.37	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	8.4280	0.01000	8.6929	0.74823	0.12357	60	-0.35	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	8.5500	0.10000	8.6929	0.74823	0.12357	60	-0.19	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	8.5750	0.01000	8.6929	0.74823	0.12357	60	-0.16	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	8.5919	0.02260	8.6929	0.74823	0.12357	60	-0.13	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	8.6050	0.01000	8.6929	0.74823	0.12357	60	-0.12	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	8.6700	0.28000	8.6929	0.74823	0.12357	60	-0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	8.7050	0.31000	8.6929	0.74823	0.12357	60	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	8.7150	0.05000	8.6929	0.74823	0.12357	60	0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0722	8.7448	0.00920	8.6929	0.74823	0.12357	60	0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	8.7500	0.16000	8.6929	0.74823	0.12357	60	0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	8.7700	0.04000	8.6929	0.74823	0.12357	60	0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	8.7700	0.26000	8.6929	0.74823	0.12357	60	0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	8.8500	0.10000	8.6929	0.74823	0.12357	60	0.21	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	8.8900	0.20000	8.6929	0.74823	0.12357	60	0.26	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	8.9000	0.10000	8.6929	0.74823	0.12357	60	0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	8.9050	0.11000	8.6929	0.74823	0.12357	60	0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	8.9250	0.01000	8.6929	0.74823	0.12357	60	0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	8.9350	0.13000	8.6929	0.74823	0.12357	60	0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	8.9526	0.01420	8.6929	0.74823	0.12357	60	0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	8.9800	0.14000	8.6929	0.74823	0.12357	60	0.38	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	8.9990	0.08400	8.6929	0.74823	0.12357	60	0.41	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	9.0200	0.08000	8.6929	0.74823	0.12357	60	0.44	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	9.0850	0.05000	8.6929	0.74823	0.12357	60	0.52	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	9.1050	0.07000	8.6929	0.74823	0.12357	60	0.55	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	9.1290	0.04800	8.6929	0.74823	0.12357	60	0.58	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	9.1400	0.30000	8.6929	0.74823	0.12357	60	0.60	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	9.1450	0.35000	8.6929	0.74823	0.12357	60	0.60	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.01	Loss on Drying, 135°C 2hr (%)	0205	9.2440	0.06000	8.6929	0.74823	0.12357	60	0.74	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	9.3100	0.04000	8.6929	0.74823	0.12357	60	0.82	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	9.3820	0.06200	8.6929	0.74823	0.12357	60	0.92	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	9.3850	0.07000	8.6929	0.74823	0.12357	60	0.93	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	9.3950	0.03000	8.6929	0.74823	0.12357	60	0.94	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	9.5000	0.04000	8.6929	0.74823	0.12357	60	1.08	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	9.5500	0.10000	8.6929	0.74823	0.12357	60	1.15	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0955	9.6100	0.02000	8.6929	0.74823	0.12357	60	1.23	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	9.6230	0.19800	8.6929	0.74823	0.12357	60	1.24	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	9.8700	0.40000	8.6929	0.74823	0.12357	60	1.57	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	9.9950	0.03000	8.6929	0.74823	0.12357	60	1.74	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	10.400	0.40000	8.6929	0.74823	0.12357	60	2.28	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	10.570	0.04000	8.6929	0.74823	0.12357	60	2.51	11%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	7.2850	0.17000			0.17000	1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	6.7350	0.49000	7.2588	0.43383	0.40250	4	-1.21	4%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	7.0900	0.58000	7.2588	0.43383	0.40250	4	-0.39	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	7.5000	0.20000	7.2588	0.43383	0.40250	4	0.56	2%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	7.7100	0.34000	7.2588	0.43383	0.40250	4	1.04	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	5.6000	0.20000	7.5170	2.3498	0.23400	5	-0.82	13%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	6.0750	0.47000	7.5170	2.3498	0.23400	5	-0.61	10%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	6.3300	0.02000	7.5170	2.3498	0.23400	5	-0.51	8%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	8.2750	0.05000	7.5170	2.3498	0.23400	5	0.32	5%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	11.305	0.43000	7.5170	2.3498	0.23400	5	1.61	25%	0
012.01	Starch, Megazyme (%)	0265	3.7000	0.40000	7.0974	1.7538	0.21383	6	-1.94	24%	0
012.01	Starch, Megazyme (%)	0918	6.0975	0.06300	7.0974	1.7538	0.21383	6	-0.57	7%	0
012.01	Starch, Megazyme (%)	0045	7.5800	0.36000	7.0974	1.7538	0.21383	6	0.28	3%	0
012.01	Starch, Megazyme (%)	0676	7.7350	0.39000	7.0974	1.7538	0.21383	6	0.36	4%	0
012.01	Starch, Megazyme (%)	0956	8.0000	0.00000	7.0974	1.7538	0.21383	6	0.51	6%	0
012.01	Starch, Megazyme (%)	2004	8.7050	0.07000	7.0974	1.7538	0.21383	6	0.92	11%	0
012.02	Starch, Colorimetric (GOP) (%)	2089	9.7900	0.52000			0.52000	1			0
012.03	Starch, Enzymatic (%)	0098	7.1850	0.07000	8.6646	1.0066	0.07125	4	-1.47	9%	0
012.03	Starch, Enzymatic (%)	0297	8.9000	0.02000	8.6646	1.0066	0.07125	4	0.23	1%	0
012.03	Starch, Enzymatic (%)	0889	9.1850	0.11000	8.6646	1.0066	0.07125	4	0.52	3%	0
012.03	Starch, Enzymatic (%)	0407	9.3885	0.08500	8.6646	1.0066	0.07125	4	0.72	4%	0
012.04	Starch, YSI Analyzer (%)	0510	7.3000	0.20000	8.1850	1.0381	0.11000	4	-0.85	5%	0
012.04	Starch, YSI Analyzer (%)	0278	7.6500	0.10000	8.1850	1.0381	0.11000	4	-0.52	3%	0
012.04	Starch, YSI Analyzer (%)	0353	8.1350	0.05000	8.1850	1.0381	0.11000	4	-0.05	0%	0
012.04	Starch, YSI Analyzer (%)	0948	9.6550	0.09000	8.1850	1.0381	0.11000	4	1.42	9%	0
012.11	Starch, NIR (%)	0889	16.145	0.25000	18.487	3.4229	0.29333	3			0
012.11	Starch, NIR (%)	0297	16.900	0.20000	18.487	3.4229	0.29333	3			0
012.11	Starch, NIR (%)	2036	22.415	0.43000	18.487	3.4229	0.29333	3			0
013.00	Fat, Acid hydrolysis (%)	0904	2.6800	0.22000	3.5812	0.60564	0.18314	14	-1.49	13%	0

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013.00	Fat, Acid hydrolysis (%)	0689	2.8500	0.10000	3.5812	0.60564	0.18314	14	-1.21	10%	0
013.00	Fat, Acid hydrolysis (%)	0083	2.9200	0.18000	3.5812	0.60564	0.18314	14	-1.09	9%	0
013.00	Fat, Acid hydrolysis (%)	0297	3.3700	0.04000	3.5812	0.60564	0.18314	14	-0.35	3%	0
013.00	Fat, Acid hydrolysis (%)	0948	3.5000	0.00000	3.5812	0.60564	0.18314	14	-0.13	1%	0
013.00	Fat, Acid hydrolysis (%)	2004	3.5500	0.10000	3.5812	0.60564	0.18314	14	-0.05	0%	0
013.00	Fat, Acid hydrolysis (%)	2076	3.5900	0.02800	3.5812	0.60564	0.18314	14	0.01	0%	0
013.00	Fat, Acid hydrolysis (%)	0504	3.6050	0.01000	3.5812	0.60564	0.18314	14	0.04	0%	0
013.00	Fat, Acid hydrolysis (%)	0202	3.6250	0.09000	3.5812	0.60564	0.18314	14	0.07	1%	0
013.00	Fat, Acid hydrolysis (%)	0309	3.6721	0.30600	3.5812	0.60564	0.18314	14	0.15	1%	0
013.00	Fat, Acid hydrolysis (%)	0229	3.8250	0.35000	3.5812	0.60564	0.18314	14	0.40	3%	0
013.00	Fat, Acid hydrolysis (%)	2057	3.9700	0.30000	3.5812	0.60564	0.18314	14	0.64	5%	0
013.00	Fat, Acid hydrolysis (%)	0555	4.8900	0.16000	3.5812	0.60564	0.18314	14	2.16	18%	0
013.00	Fat, Acid hydrolysis (%)	2110	6.4300	0.68000	3.5812	0.60564	0.18314	14	4.70	40%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	2.7700	0.00000	3.6002	0.34408	0.18235	17	-2.41	12%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	3.0150	0.11000	3.6002	0.34408	0.18235	17	-1.70	8%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	3.2900	0.30000	3.6002	0.34408	0.18235	17	-0.90	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	3.3650	0.33000	3.6002	0.34408	0.18235	17	-0.68	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	3.3700	0.32000	3.6002	0.34408	0.18235	17	-0.67	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	3.5100	0.32000	3.6002	0.34408	0.18235	17	-0.26	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	3.5300	0.06000	3.6002	0.34408	0.18235	17	-0.20	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	3.5300	0.06000	3.6002	0.34408	0.18235	17	-0.20	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	3.5600	0.34000	3.6002	0.34408	0.18235	17	-0.12	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0098	3.6000	0.20000	3.6002	0.34408	0.18235	17	0.00	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0010	3.6500	0.50000	3.6002	0.34408	0.18235	17	0.14	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	3.8400	0.20000	3.6002	0.34408	0.18235	17	0.70	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	3.9200	0.00000	3.6002	0.34408	0.18235	17	0.93	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	3.9250	0.01000	3.6002	0.34408	0.18235	17	0.94	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	3.9300	0.04000	3.6002	0.34408	0.18235	17	0.96	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	3.9450	0.29000	3.6002	0.34408	0.18235	17	1.00	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	4.0700	0.02000	3.6002	0.34408	0.18235	17	1.37	7%	0
013.08	Fat, Roese-Gottlieb Modified (%)	0035	1.9250	0.53000			0.27000	2			0
013.08	Fat, Roese-Gottlieb Modified (%)	0618	2.9950	0.01000			0.27000	2			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	2.7300	0.08000	3.3742	0.43964	0.17500	6	-1.47	10%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	3.1700	0.14000	3.3742	0.43964	0.17500	6	-0.46	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0652	3.4350	0.11000	3.3742	0.43964	0.17500	6	0.14	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	3.4400	0.02000	3.3742	0.43964	0.17500	6	0.15	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	3.6200	0.30000	3.3742	0.43964	0.17500	6	0.56	4%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2095	3.8500	0.40000	3.3742	0.43964	0.17500	6	1.08	7%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	2.4700	0.16000	4.9806	3.3771	0.22325	4	-0.74	25%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	3.4400	0.04000	4.9806	3.3771	0.22325	4	-0.46	15%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	4.0625	0.39300	4.9806	3.3771	0.22325	4	-0.27	9%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	9.9500	0.30000	4.9806	3.3771	0.22325	4	1.47	50%	0



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015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0011	285.74	4.0415	348.08	63.667	7.0138	3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	345.50	11.000	348.08	63.667	7.0138	3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	413.00	6.0000	348.08	63.667	7.0138	3			0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	297.05	7.5000			7.5000	1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	191.65	0.15200	246.36	69.437	7.1920	6	-0.79	11%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	200.00	8.0000	246.36	69.437	7.1920	6	-0.67	9%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	203.00	4.0000	246.36	69.437	7.1920	6	-0.62	9%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	247.50	17.000	246.36	69.437	7.1920	6	0.02	0%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	291.00	4.0000	246.36	69.437	7.1920	6	0.64	9%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0021	345.00	10.000	246.36	69.437	7.1920	6	1.42	20%	0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	382.00	0.00000			0.00000	1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	6.6650	0.71000			0.71000	1			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	5.5350	0.23000	8.8430	5.2385	0.37000	5	-0.63	19%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	5.6800	0.40000	8.8430	5.2385	0.37000	5	-0.60	18%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	5.7100	0.00000	8.8430	5.2385	0.37000	5	-0.60	18%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	9.5900	0.42000	8.8430	5.2385	0.37000	5	0.14	4%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0037	17.700	0.80000	8.8430	5.2385	0.37000	5	1.69	50%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	4.5000	1.0000	5.5863	1.0938	0.78250	4	-0.99	10%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	5.0000	2.0000	5.5863	1.0938	0.78250	4	-0.54	5%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	5.8450	0.13000	5.5863	1.0938	0.78250	4	0.24	2%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	7.0000	0.00000	5.5863	1.0938	0.78250	4	1.29	13%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	5.5863	1.0938	0.78250	4	-5.11	50%	4
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	8.7129	0.32650	9.4002	0.26031	0.11474	11	-2.64	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	9.1470	0.00400	9.4002	0.26031	0.11474	11	-0.97	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	9.2569	0.02660	9.4002	0.26031	0.11474	11	-0.55	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0722	9.2584	0.00230	9.4002	0.26031	0.11474	11	-0.54	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	9.4000	0.40000	9.4002	0.26031	0.11474	11	0.00	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	9.4145	0.00900	9.4002	0.26031	0.11474	11	0.05	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	9.4250	0.06200	9.4002	0.26031	0.11474	11	0.10	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	9.4400	0.04000	9.4002	0.26031	0.11474	11	0.15	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	9.5600	0.07400	9.4002	0.26031	0.11474	11	0.61	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	9.7000	0.20000	9.4002	0.26031	0.11474	11	1.15	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2097	10.129	0.11770	9.4002	0.26031	0.11474	11	2.80	4%	0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	9.7629	0.03610			0.03610	1			0
019.08	Calcium, EDTA (%)	0590	8.9150	0.03000	9.2950	0.28893	0.03360	5	-1.32	2%	0
019.08	Calcium, EDTA (%)	0940	9.2300	0.00000	9.2950	0.28893	0.03360	5	-0.22	0%	0
019.08	Calcium, EDTA (%)	0138	9.2660	0.10800	9.2950	0.28893	0.03360	5	-0.10	0%	0
019.08	Calcium, EDTA (%)	0689	9.4800	0.02000	9.2950	0.28893	0.03360	5	0.64	1%	0
019.08	Calcium, EDTA (%)	0629	9.5550	0.01000	9.2950	0.28893	0.03360	5	0.90	1%	0
019.08	Calcium, EDTA (%)	0852	12.350	0.30000	9.2950	0.28893	0.03360	5	10.57	16%	1
019.09	Calcium, Ion-selective electrode (%)	2109	8.5250	0.31000			0.38700	2			0
019.09	Calcium, Ion-selective electrode (%)	2006	9.5660	0.46400			0.38700	2			0

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019.31	Calcium, AAS, Dry ash (%)	0689	8.7050	0.01000	9.3851	0.47677	0.12710	23	-1.43	4%	0
019.31	Calcium, AAS, Dry ash (%)	0001	8.7350	0.45400	9.3851	0.47677	0.12710	23	-1.36	3%	0
019.31	Calcium, AAS, Dry ash (%)	0142	8.7870	0.08330	9.3851	0.47677	0.12710	23	-1.25	3%	0
019.31	Calcium, AAS, Dry ash (%)	0687	8.8750	0.25000	9.3851	0.47677	0.12710	23	-1.07	3%	0
019.31	Calcium, AAS, Dry ash (%)	0175	8.8850	0.07000	9.3851	0.47677	0.12710	23	-1.05	3%	0
019.31	Calcium, AAS, Dry ash (%)	0038	9.0550	0.01000	9.3851	0.47677	0.12710	23	-0.69	2%	0
019.31	Calcium, AAS, Dry ash (%)	0208	9.1805	0.25500	9.3851	0.47677	0.12710	23	-0.43	1%	0
019.31	Calcium, AAS, Dry ash (%)	0563	9.1833	0.04900	9.3851	0.47677	0.12710	23	-0.42	1%	0
019.31	Calcium, AAS, Dry ash (%)	0014	9.2150	0.07000	9.3851	0.47677	0.12710	23	-0.36	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	9.3700	0.02000	9.3851	0.47677	0.12710	23	-0.03	0%	0
019.31	Calcium, AAS, Dry ash (%)	0354	9.3850	0.03000	9.3851	0.47677	0.12710	23	0.00	0%	0
019.31	Calcium, AAS, Dry ash (%)	0505	9.3850	0.11000	9.3851	0.47677	0.12710	23	0.00	0%	0
019.31	Calcium, AAS, Dry ash (%)	0939	9.4600	0.12000	9.3851	0.47677	0.12710	23	0.16	0%	0
019.31	Calcium, AAS, Dry ash (%)	0674	9.5000	0.00000	9.3851	0.47677	0.12710	23	0.24	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	9.5400	0.02000	9.3851	0.47677	0.12710	23	0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	0108	9.5500	0.20000	9.3851	0.47677	0.12710	23	0.35	1%	0
019.31	Calcium, AAS, Dry ash (%)	0152	9.6000	0.20000	9.3851	0.47677	0.12710	23	0.45	1%	0
019.31	Calcium, AAS, Dry ash (%)	0650	9.6400	0.04000	9.3851	0.47677	0.12710	23	0.53	1%	0
019.31	Calcium, AAS, Dry ash (%)	0904	9.7600	0.26000	9.3851	0.47677	0.12710	23	0.79	2%	0
019.31	Calcium, AAS, Dry ash (%)	0921	9.9220	0.00000	9.3851	0.47677	0.12710	23	1.13	3%	0
019.31	Calcium, AAS, Dry ash (%)	0874	9.9486	0.03200	9.3851	0.47677	0.12710	23	1.18	3%	0
019.31	Calcium, AAS, Dry ash (%)	0529	10.075	0.37000	9.3851	0.47677	0.12710	23	1.45	4%	0
019.31	Calcium, AAS, Dry ash (%)	0066	10.115	0.27000	9.3851	0.47677	0.12710	23	1.53	4%	0
019.32	Calcium, AAS, Open vessel (%)	0169	9.1400	0.02000			0.02000	1			0
019.33	Calcium, AAS, Microwave (%)	0010	9.7550	0.05000			0.05000	1			0
019.41	Calcium, ICP, Dry ash (%)	0405	6.9200	0.04000	9.4973	0.40008	0.10998	25	-6.44	14%	0
019.41	Calcium, ICP, Dry ash (%)	0298	8.6700	0.02000	9.4973	0.40008	0.10998	25	-2.07	4%	0
019.41	Calcium, ICP, Dry ash (%)	0164	8.7250	0.25000	9.4973	0.40008	0.10998	25	-1.93	4%	0
019.41	Calcium, ICP, Dry ash (%)	0598	8.7540	0.00200	9.4973	0.40008	0.10998	25	-1.86	4%	0
019.41	Calcium, ICP, Dry ash (%)	0011	9.2032	0.05870	9.4973	0.40008	0.10998	25	-0.74	2%	0
019.41	Calcium, ICP, Dry ash (%)	0171	9.2700	0.10000	9.4973	0.40008	0.10998	25	-0.57	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	9.2800	0.00000	9.4973	0.40008	0.10998	25	-0.54	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	9.3585	0.10900	9.4973	0.40008	0.10998	25	-0.35	1%	0
019.41	Calcium, ICP, Dry ash (%)	2089	9.4450	0.37000	9.4973	0.40008	0.10998	25	-0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0413	9.4500	0.30000	9.4973	0.40008	0.10998	25	-0.12	0%	0
019.41	Calcium, ICP, Dry ash (%)	0358	9.5100	0.22000	9.4973	0.40008	0.10998	25	0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	2012	9.5450	0.05000	9.4973	0.40008	0.10998	25	0.12	0%	0
019.41	Calcium, ICP, Dry ash (%)	0226	9.5550	0.01000	9.4973	0.40008	0.10998	25	0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0229	9.5600	0.14000	9.4973	0.40008	0.10998	25	0.16	0%	0
019.41	Calcium, ICP, Dry ash (%)	0019	9.5750	0.19000	9.4973	0.40008	0.10998	25	0.19	0%	0
019.41	Calcium, ICP, Dry ash (%)	0074	9.5750	0.09000	9.4973	0.40008	0.10998	25	0.19	0%	0
019.41	Calcium, ICP, Dry ash (%)	0512	9.6015	0.14100	9.4973	0.40008	0.10998	25	0.26	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.41	Calcium, ICP, Dry ash (%)	0003	9.6400	0.10000	9.4973	0.40008	0.10998	25	0.36	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	9.6800	0.06000	9.4973	0.40008	0.10998	25	0.46	1%	0
019.41	Calcium, ICP, Dry ash (%)	0425	9.7000	0.02000	9.4973	0.40008	0.10998	25	0.51	1%	0
019.41	Calcium, ICP, Dry ash (%)	0018	9.8800	0.02000	9.4973	0.40008	0.10998	25	0.96	2%	0
019.41	Calcium, ICP, Dry ash (%)	0300	9.8805	0.27900	9.4973	0.40008	0.10998	25	0.96	2%	0
019.41	Calcium, ICP, Dry ash (%)	0083	9.9400	0.12000	9.4973	0.40008	0.10998	25	1.11	2%	0
019.41	Calcium, ICP, Dry ash (%)	0407	10.440	0.04980	9.4973	0.40008	0.10998	25	2.36	5%	0
019.41	Calcium, ICP, Dry ash (%)	0089	10.645	0.01000	9.4973	0.40008	0.10998	25	2.87	6%	0
019.41	Calcium, ICP, Dry ash (%)	0144	8.9600	0.50000	9.4973	0.40008	0.10998	25	-1.34	3%	1
019.42	Calcium, ICP, Open vessel (%)	0045	8.5600	0.12000	9.5216	0.56131	0.26054	20	-1.71	5%	0
019.42	Calcium, ICP, Open vessel (%)	0357	8.7200	0.18000	9.5216	0.56131	0.26054	20	-1.43	4%	0
019.42	Calcium, ICP, Open vessel (%)	0693	8.9700	0.94000	9.5216	0.56131	0.26054	20	-0.98	3%	0
019.42	Calcium, ICP, Open vessel (%)	0555	9.0409	0.04970	9.5216	0.56131	0.26054	20	-0.86	3%	0
019.42	Calcium, ICP, Open vessel (%)	0278	9.1750	0.29000	9.5216	0.56131	0.26054	20	-0.62	2%	0
019.42	Calcium, ICP, Open vessel (%)	0265	9.1800	0.66000	9.5216	0.56131	0.26054	20	-0.61	2%	0
019.42	Calcium, ICP, Open vessel (%)	0037	9.1850	0.05000	9.5216	0.56131	0.26054	20	-0.60	2%	0
019.42	Calcium, ICP, Open vessel (%)	0205	9.2500	0.00000	9.5216	0.56131	0.26054	20	-0.48	1%	0
019.42	Calcium, ICP, Open vessel (%)	0160	9.3712	0.02300	9.5216	0.56131	0.26054	20	-0.27	1%	0
019.42	Calcium, ICP, Open vessel (%)	0202	9.5100	0.00000	9.5216	0.56131	0.26054	20	-0.02	0%	0
019.42	Calcium, ICP, Open vessel (%)	0366	9.6350	0.93000	9.5216	0.56131	0.26054	20	0.20	1%	0
019.42	Calcium, ICP, Open vessel (%)	0560	9.6630	0.15800	9.5216	0.56131	0.26054	20	0.25	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	9.7000	0.10000	9.5216	0.56131	0.26054	20	0.32	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	9.7850	0.01000	9.5216	0.56131	0.26054	20	0.47	1%	0
019.42	Calcium, ICP, Open vessel (%)	0190	9.9400	0.26000	9.5216	0.56131	0.26054	20	0.75	2%	0
019.42	Calcium, ICP, Open vessel (%)	2110	9.9500	0.10000	9.5216	0.56131	0.26054	20	0.76	2%	0
019.42	Calcium, ICP, Open vessel (%)	2053	9.9700	0.02000	9.5216	0.56131	0.26054	20	0.80	2%	0
019.42	Calcium, ICP, Open vessel (%)	0187	9.9800	0.04000	9.5216	0.56131	0.26054	20	0.82	2%	0
019.42	Calcium, ICP, Open vessel (%)	0692	10.700	0.20000	9.5216	0.56131	0.26054	20	2.10	6%	0
019.42	Calcium, ICP, Open vessel (%)	0613	10.770	1.0800	9.5216	0.56131	0.26054	20	2.22	7%	0
019.43	Calcium, ICP, Microwave (%)	0644	7.9500	0.00000	9.3300	0.59843	0.08263	15	-2.31	7%	0
019.43	Calcium, ICP, Microwave (%)	0297	8.5150	0.09000	9.3300	0.59843	0.08263	15	-1.36	4%	0
019.43	Calcium, ICP, Microwave (%)	0510	8.6100	0.04000	9.3300	0.59843	0.08263	15	-1.20	4%	0
019.43	Calcium, ICP, Microwave (%)	0918	9.0725	0.06700	9.3300	0.59843	0.08263	15	-0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	9.1200	0.12000	9.3300	0.59843	0.08263	15	-0.35	1%	0
019.43	Calcium, ICP, Microwave (%)	0964	9.1287	0.06190	9.3300	0.59843	0.08263	15	-0.34	1%	0
019.43	Calcium, ICP, Microwave (%)	0036	9.2173	0.05760	9.3300	0.59843	0.08263	15	-0.19	1%	0
019.43	Calcium, ICP, Microwave (%)	0033	9.2650	0.05000	9.3300	0.59843	0.08263	15	-0.11	0%	0
019.43	Calcium, ICP, Microwave (%)	0629	9.5000	0.00000	9.3300	0.59843	0.08263	15	0.28	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	9.6410	0.01400	9.3300	0.59843	0.08263	15	0.52	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	9.7500	0.32000	9.3300	0.59843	0.08263	15	0.70	2%	0
019.43	Calcium, ICP, Microwave (%)	0861	9.7900	0.06000	9.3300	0.59843	0.08263	15	0.77	2%	0
019.43	Calcium, ICP, Microwave (%)	0353	9.9300	0.04000	9.3300	0.59843	0.08263	15	1.00	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.43	Calcium, ICP, Microwave (%)	0027	9.9675	0.27700	9.3300	0.59843	0.08263	15	1.07	3%	0
019.43	Calcium, ICP, Microwave (%)	0034	10.010	0.04200	9.3300	0.59843	0.08263	15	1.14	4%	0
019.43	Calcium, ICP, Microwave (%)	0038	9.6900	0.50000	9.3300	0.59843	0.08263	15	0.60	2%	1
019.43	Calcium, ICP, Microwave (%)	0043	0.00000	0.00000	9.3300	0.59843	0.08263	15	-15.59	50%	4
019.44	Calcium, ICP, Dry ash (%)	2004	9.2450	0.51000	9.7008	0.76369	0.46500	3			0
019.44	Calcium, ICP, Dry ash (%)	0955	9.2750	0.33000	9.7008	0.76369	0.46500	3			0
019.44	Calcium, ICP, Dry ash (%)	0065	10.583	0.55500	9.7008	0.76369	0.46500	3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	9.2390	0.16780			0.16780	1			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	9.4650	0.97000			0.63500	2			0
019.53	Calcium, ICP-MS, Microwave (%)	0199	10.610	0.30000			0.63500	2			0
019.99	Calcium, Miscellaneous (%)	2105	5.0000	0.00000	7.2313	2.0434	0.11000	5	-1.09	15%	0
019.99	Calcium, Miscellaneous (%)	0852	6.0000	0.00000	7.2313	2.0434	0.11000	5	-0.60	9%	0
019.99	Calcium, Miscellaneous (%)	0889	8.8250	0.03000	7.2313	2.0434	0.11000	5	0.78	11%	0
019.99	Calcium, Miscellaneous (%)	0676	9.1000	0.12000	7.2313	2.0434	0.11000	5	0.91	13%	0
019.99	Calcium, Miscellaneous (%)	0100	9.7400	0.40000	7.2313	2.0434	0.11000	5	1.23	17%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	10.200	0.20000	13.209	2.7996	0.77400	5	-1.07	11%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	11.350	1.7000	13.209	2.7996	0.77400	5	-0.66	7%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	12.150	0.30000	13.209	2.7996	0.77400	5	-0.38	4%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	15.895	0.07000	13.209	2.7996	0.77400	5	0.96	10%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0904	16.450	1.6000	13.209	2.7996	0.77400	5	1.16	12%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	7.2000	0.20000	9.0364	1.6765	0.73517	3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	9.4243	0.37550	9.0364	1.6765	0.73517	3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0955	10.485	1.6300	9.0364	1.6765	0.73517	3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	8.3300	0.44000			0.24700	2			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	9.4510	0.05400			0.24700	2			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	10.080	0.24000	10.815	0.78409	0.36523	6	-0.94	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	10.333	0.39940	10.815	0.78409	0.36523	6	-0.61	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	10.350	0.10000	10.815	0.78409	0.36523	6	-0.59	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	10.845	0.01000	10.815	0.78409	0.36523	6	0.04	0%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0021	11.500	1.0000	10.815	0.78409	0.36523	6	0.87	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0027	11.780	0.44200	10.815	0.78409	0.36523	6	1.23	4%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	0.00000	0.00000	10.815	0.78409	0.36523	6	-13.79	50%	4
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0555	8.6000	0.40000			0.40000	1			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	8.4960	1.0380	9.9517	1.6120	0.54865	4	-0.90	7%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0199	9.3900	0.40000	9.9517	1.6120	0.54865	4	-0.35	3%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	9.6707	0.65660	9.9517	1.6120	0.54865	4	-0.17	1%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	12.250	0.10000	9.9517	1.6120	0.54865	4	1.43	12%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	170.50	1.0000	185.95	8.7832	7.4491	16	-1.76	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	172.03	17.150	185.95	8.7832	7.4491	16	-1.59	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	177.00	6.0000	185.95	8.7832	7.4491	16	-1.02	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	181.50	19.000	185.95	8.7832	7.4491	16	-0.51	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	183.03	0.88000	185.95	8.7832	7.4491	16	-0.33	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	183.28	2.3200	185.95	8.7832	7.4491	16	-0.30	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0014	185.50	7.0000	185.95	8.7832	7.4491	16	-0.05	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	185.84	5.2100	185.95	8.7832	7.4491	16	-0.01	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0590	186.50	7.0000	185.95	8.7832	7.4491	16	0.06	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0001	187.25	0.10000	185.95	8.7832	7.4491	16	0.15	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2022	187.50	7.0000	185.95	8.7832	7.4491	16	0.18	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	188.00	4.0000	185.95	8.7832	7.4491	16	0.23	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	193.00	10.000	185.95	8.7832	7.4491	16	0.80	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	195.90	12.800	185.95	8.7832	7.4491	16	1.13	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	196.25	0.90000	185.95	8.7832	7.4491	16	1.17	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2068	199.38	18.826	185.95	8.7832	7.4491	16	1.53	4%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0013	193.50	1.0000	194.43	1.2097	0.40000	3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	194.00	0.00000	194.43	1.2097	0.40000	3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	195.80	0.20000	194.43	1.2097	0.40000	3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0010	180.40	19.600			10.200	2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	191.02	0.80000			10.200	2			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	162.14	8.4400	179.07	11.282	4.8632	20	-1.50	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	162.50	5.0000	179.07	11.282	4.8632	20	-1.47	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	163.50	11.000	179.07	11.282	4.8632	20	-1.38	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	164.76	0.77800	179.07	11.282	4.8632	20	-1.27	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	167.57	0.39500	179.07	11.282	4.8632	20	-1.02	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	170.00	2.0000	179.07	11.282	4.8632	20	-0.80	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0004	180.50	19.000	179.07	11.282	4.8632	20	0.13	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	180.70	2.6000	179.07	11.282	4.8632	20	0.14	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	181.60	1.4000	179.07	11.282	4.8632	20	0.22	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	182.50	3.0000	179.07	11.282	4.8632	20	0.30	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	182.75	0.40000	179.07	11.282	4.8632	20	0.33	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2089	183.25	4.6500	179.07	11.282	4.8632	20	0.37	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	184.50	3.0000	179.07	11.282	4.8632	20	0.48	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	185.00	4.0000	179.07	11.282	4.8632	20	0.53	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	185.60	14.800	179.07	11.282	4.8632	20	0.58	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	187.00	0.00000	179.07	11.282	4.8632	20	0.70	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0425	187.95	0.10000	179.07	11.282	4.8632	20	0.79	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	188.07	0.80000	179.07	11.282	4.8632	20	0.80	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	190.50	7.0000	179.07	11.282	4.8632	20	1.01	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0512	191.05	8.9000	179.07	11.282	4.8632	20	1.06	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	188.60	50.400	179.07	11.282	4.8632	20	0.84	3%	1
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	164.25	3.1000	181.11	13.210	4.6444	18	-1.28	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	164.50	5.0000	181.11	13.210	4.6444	18	-1.26	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	168.40	3.2000	181.11	13.210	4.6444	18	-0.96	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	169.70	0.00000	181.11	13.210	4.6444	18	-0.86	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	170.00	2.0000	181.11	13.210	4.6444	18	-0.84	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0160	171.45	1.4700	181.11	13.210	4.6444	18	-0.73	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	179.50	7.0000	181.11	13.210	4.6444	18	-0.12	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	180.00	0.00000	181.11	13.210	4.6444	18	-0.08	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	180.50	7.0000	181.11	13.210	4.6444	18	-0.05	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	181.00	26.000	181.11	13.210	4.6444	18	-0.01	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	182.83	0.86000	181.11	13.210	4.6444	18	0.13	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	183.40	1.2000	181.11	13.210	4.6444	18	0.17	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	186.50	5.0000	181.11	13.210	4.6444	18	0.41	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	188.30	6.8000	181.11	13.210	4.6444	18	0.54	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	189.50	5.0000	181.11	13.210	4.6444	18	0.64	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	199.15	7.3000	181.11	13.210	4.6444	18	1.37	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	200.00	1.9800	181.11	13.210	4.6444	18	1.43	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	201.95	0.69000	181.11	13.210	4.6444	18	1.58	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	177.50	37.000	181.11	13.210	4.6444	18	-0.27	1%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0644	160.00	0.00000	180.24	11.981	2.6745	15	-1.69	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	161.50	3.0000	180.24	11.981	2.6745	15	-1.56	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	168.00	0.00000	180.24	11.981	2.6745	15	-1.02	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	174.21	0.06000	180.24	11.981	2.6745	15	-0.50	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	175.90	10.930	180.24	11.981	2.6745	15	-0.36	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	180.00	0.00000	180.24	11.981	2.6745	15	-0.02	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	182.00	0.00000	180.24	11.981	2.6745	15	0.15	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	182.50	7.0000	180.24	11.981	2.6745	15	0.19	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0034	182.85	0.50000	180.24	11.981	2.6745	15	0.22	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	183.50	1.0000	180.24	11.981	2.6745	15	0.27	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0033	184.50	1.0000	180.24	11.981	2.6745	15	0.36	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	184.50	7.0000	180.24	11.981	2.6745	15	0.36	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	184.65	4.5000	180.24	11.981	2.6745	15	0.37	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	200.91	0.77800	180.24	11.981	2.6745	15	1.73	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	207.60	4.3500	180.24	11.981	2.6745	15	2.28	8%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	217.00	16.000	180.24	11.981	2.6745	15	3.07	10%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	0.00000	0.00000	180.24	11.981	2.6745	15	-15.04	50%	4
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	186.00	2.0000			1.0000	2			0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	0955	193.00	0.00000			1.0000	2			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0555	167.50	11.000			10.500	2			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	2110	195.00	10.000			10.500	2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0199	204.17	5.5600			5.5600	1			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	185.50	3.0000			3.0000	1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0921	428.89	0.00000	686.00	57.293	11.995	14	-4.49	19%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	629.50	7.0000	686.00	57.293	11.995	14	-0.99	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	633.50	1.0000	686.00	57.293	11.995	14	-0.92	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	646.40	15.200	686.00	57.293	11.995	14	-0.69	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	667.00	16.000	686.00	57.293	11.995	14	-0.33	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	677.50	15.000	686.00	57.293	11.995	14	-0.15	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0904	678.61	35.420	686.00	57.293	11.995	14	-0.13	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2068	684.69	3.9430	686.00	57.293	11.995	14	-0.02	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	693.50	17.000	686.00	57.293	11.995	14	0.13	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	710.50	9.0000	686.00	57.293	11.995	14	0.43	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	711.34	30.730	686.00	57.293	11.995	14	0.44	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	727.50	1.0000	686.00	57.293	11.995	14	0.72	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0066	790.93	16.640	686.00	57.293	11.995	14	1.83	8%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	830.00	0.00000	686.00	57.293	11.995	14	2.51	10%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	747.50	79.000	686.00	57.293	11.995	14	1.07	4%	1
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	517.60	54.400			54.400	1			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	2033	485.00	10.000			6.3800	2			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	643.64	2.7600			6.3800	2			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	299.00	2.0000	644.44	69.300	25.067	20	-4.98	27%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	424.00	16.000	644.44	69.300	25.067	20	-3.18	17%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0425	560.70	0.40000	644.44	69.300	25.067	20	-1.21	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	567.55	1.1034	644.44	69.300	25.067	20	-1.11	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	577.83	11.580	644.44	69.300	25.067	20	-0.96	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	618.00	8.0000	644.44	69.300	25.067	20	-0.38	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	638.40	7.6000	644.44	69.300	25.067	20	-0.09	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	639.50	43.000	644.44	69.300	25.067	20	-0.07	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	644.00	8.0000	644.44	69.300	25.067	20	-0.01	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2089	644.97	86.100	644.44	69.300	25.067	20	0.01	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	648.65	0.10000	644.44	69.300	25.067	20	0.06	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	652.00	42.000	644.44	69.300	25.067	20	0.11	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0004	672.50	49.000	644.44	69.300	25.067	20	0.40	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	674.00	20.000	644.44	69.300	25.067	20	0.43	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	689.03	0.97000	644.44	69.300	25.067	20	0.64	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	694.45	4.5000	644.44	69.300	25.067	20	0.72	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	700.00	44.000	644.44	69.300	25.067	20	0.80	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	717.29	10.160	644.44	69.300	25.067	20	1.05	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	720.59	39.820	644.44	69.300	25.067	20	1.10	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0955	827.50	107.00	644.44	69.300	25.067	20	2.64	14%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	758.70	136.00	644.44	69.300	25.067	20	1.65	9%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	95.600	0.20000	567.31	92.645	19.688	16	-5.09	42%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	433.15	33.900	567.31	92.645	19.688	16	-1.45	12%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	441.50	7.0000	567.31	92.645	19.688	16	-1.36	11%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	484.40	11.000	567.31	92.645	19.688	16	-0.89	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	543.50	1.0000	567.31	92.645	19.688	16	-0.26	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	546.50	11.000	567.31	92.645	19.688	16	-0.22	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	574.50	35.000	567.31	92.645	19.688	16	0.08	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	580.00	6.0000	567.31	92.645	19.688	16	0.14	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	582.45	30.700	567.31	92.645	19.688	16	0.16	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	593.00	50.000	567.31	92.645	19.688	16	0.28	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	614.85	0.70000	567.31	92.645	19.688	16	0.51	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	628.50	25.000	567.31	92.645	19.688	16	0.66	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	649.00	22.000	567.31	92.645	19.688	16	0.88	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	653.75	0.50000	567.31	92.645	19.688	16	0.93	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	659.00	10.000	567.31	92.645	19.688	16	0.99	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	664.50	71.000	567.31	92.645	19.688	16	1.05	9%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	423.00	2.0000	626.58	99.449	10.035	13	-2.05	16%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	478.00	2.0000	626.58	99.449	10.035	13	-1.49	12%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	559.00	16.000	626.58	99.449	10.035	13	-0.68	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	578.50	3.0000	626.58	99.449	10.035	13	-0.48	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	609.07	4.6100	626.58	99.449	10.035	13	-0.18	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	614.00	2.0000	626.58	99.449	10.035	13	-0.13	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	618.28	24.450	626.58	99.449	10.035	13	-0.08	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	663.00	4.0000	626.58	99.449	10.035	13	0.37	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	667.50	29.000	626.58	99.449	10.035	13	0.41	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	693.00	11.600	626.58	99.449	10.035	13	0.67	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0034	705.70	0.40000	626.58	99.449	10.035	13	0.80	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	722.54	6.3940	626.58	99.449	10.035	13	0.96	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	759.50	25.000	626.58	99.449	10.035	13	1.34	11%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0043	0.00000	0.00000	626.58	99.449	10.035	13	-6.30	50%	4
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	246.52	45.360			63.680	2			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0555	494.00	82.000			63.680	2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0199	605.35	24.500			27.250	2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	688.00	30.000			27.250	2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	551.50	31.000			31.000	1			0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.63050	0.00040	0.73501	0.03948	0.01153	16	-2.65	7%	0
027.31	Magnesium, AAS, Dry ash (%)	2068	0.68250	0.00100	0.73501	0.03948	0.01153	16	-1.33	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.70500	0.01000	0.73501	0.03948	0.01153	16	-0.76	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.71000	0.00000	0.73501	0.03948	0.01153	16	-0.63	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.71550	0.01700	0.73501	0.03948	0.01153	16	-0.49	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.72000	0.02000	0.73501	0.03948	0.01153	16	-0.38	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.72250	0.00500	0.73501	0.03948	0.01153	16	-0.32	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0590	0.72500	0.00200	0.73501	0.03948	0.01153	16	-0.25	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.73200	0.04000	0.73501	0.03948	0.01153	16	-0.08	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.74700	0.00400	0.73501	0.03948	0.01153	16	0.30	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.75000	0.02000	0.73501	0.03948	0.01153	16	0.38	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.75500	0.01000	0.73501	0.03948	0.01153	16	0.51	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0904	0.76000	0.02000	0.73501	0.03948	0.01153	16	0.63	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.77780	0.02680	0.73501	0.03948	0.01153	16	1.08	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.78850	0.00160	0.73501	0.03948	0.01153	16	1.35	4%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.31	Magnesium, AAS, Dry ash (%)	0650	0.79360	0.00660	0.73501	0.03948	0.01153	16	1.48	4%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.59800	0.00400			0.00350	2			0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.76210	0.00300			0.00350	2			0
027.33	Magnesium, AAS, Microwave (%)	2033	0.74500	0.07000			0.04500	2			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.76000	0.02000			0.04500	2			0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.54000	0.00000	0.73663	0.03914	0.01502	20	-5.02	13%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.68315	0.01250	0.73663	0.03914	0.01502	20	-1.37	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.69500	0.01000	0.73663	0.03914	0.01502	20	-1.06	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.69950	0.00300	0.73663	0.03914	0.01502	20	-0.95	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.71460	0.00220	0.73663	0.03914	0.01502	20	-0.56	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.71500	0.01000	0.73663	0.03914	0.01502	20	-0.55	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.71800	0.00200	0.73663	0.03914	0.01502	20	-0.48	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.72000	0.00000	0.73663	0.03914	0.01502	20	-0.42	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.72500	0.03000	0.73663	0.03914	0.01502	20	-0.30	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.72500	0.05000	0.73663	0.03914	0.01502	20	-0.30	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.74735	0.02070	0.73663	0.03914	0.01502	20	0.27	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.75000	0.04000	0.73663	0.03914	0.01502	20	0.34	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.75000	0.00000	0.73663	0.03914	0.01502	20	0.34	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.75500	0.01000	0.73663	0.03914	0.01502	20	0.47	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2089	0.75500	0.03000	0.73663	0.03914	0.01502	20	0.47	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.76000	0.02000	0.73663	0.03914	0.01502	20	0.60	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.78000	0.02000	0.73663	0.03914	0.01502	20	1.11	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.78250	0.00100	0.73663	0.03914	0.01502	20	1.17	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0425	0.78500	0.01000	0.73663	0.03914	0.01502	20	1.24	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.79450	0.02900	0.73663	0.03914	0.01502	20	1.48	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0555	0.66750	0.00760	0.72697	0.02821	0.02361	16	-2.11	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.69155	0.00010	0.72697	0.02821	0.02361	16	-1.26	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.70000	0.02400	0.72697	0.02821	0.02361	16	-0.96	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.70000	0.02000	0.72697	0.02821	0.02361	16	-0.96	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.71000	0.00000	0.72697	0.02821	0.02361	16	-0.60	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.71500	0.03000	0.72697	0.02821	0.02361	16	-0.42	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.72500	0.01000	0.72697	0.02821	0.02361	16	-0.07	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.73000	0.02000	0.72697	0.02821	0.02361	16	0.11	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.73100	0.02000	0.72697	0.02821	0.02361	16	0.14	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.73300	0.01000	0.72697	0.02821	0.02361	16	0.21	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.74200	0.07400	0.72697	0.02821	0.02361	16	0.53	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.74500	0.01000	0.72697	0.02821	0.02361	16	0.64	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.74500	0.03000	0.72697	0.02821	0.02361	16	0.64	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.75000	0.00000	0.72697	0.02821	0.02361	16	0.82	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.76000	0.12000	0.72697	0.02821	0.02361	16	1.17	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.78130	0.00200	0.72697	0.02821	0.02361	16	1.93	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	69.500	1.0000	0.72697	0.02821	0.02361	16	2438.03	4730%	2

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.43	Magnesium, ICP, Microwave (%)	0510	0.62000	0.00000	0.74526	0.06468	0.01328	12	-1.94	8%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.67250	0.00700	0.74526	0.06468	0.01328	12	-1.13	5%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.71400	0.00000	0.74526	0.06468	0.01328	12	-0.48	2%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.72500	0.01000	0.74526	0.06468	0.01328	12	-0.31	1%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.73625	0.01610	0.74526	0.06468	0.01328	12	-0.14	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.73650	0.01500	0.74526	0.06468	0.01328	12	-0.14	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.74500	0.01000	0.74526	0.06468	0.01328	12	0.00	0%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.74735	0.01630	0.74526	0.06468	0.01328	12	0.03	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.76000	0.02000	0.74526	0.06468	0.01328	12	0.23	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.77600	0.00400	0.74526	0.06468	0.01328	12	0.48	2%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.84000	0.04000	0.74526	0.06468	0.01328	12	1.46	6%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.86250	0.02100	0.74526	0.06468	0.01328	12	1.81	8%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.00000	0.00000	0.74526	0.06468	0.01328	12	-11.52	50%	4
027.44	Magnesium, ICP, Dry ash (%)	2004	0.74750	0.04300	0.78655	0.03405	0.02690	3			0
027.44	Magnesium, ICP, Dry ash (%)	0065	0.80215	0.00970	0.78655	0.03405	0.02690	3			0
027.44	Magnesium, ICP, Dry ash (%)	0955	0.81000	0.02800	0.78655	0.03405	0.02690	3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.69760	0.03240			0.03240	1			0
027.53	Magnesium, ICP-MS, Microwave (%)	0300	0.75050	0.03300	0.78575	0.04985	66.609	3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.82100	0.09400	0.78575	0.04985	66.609	3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0199	10,548	199.70	0.78575	0.04985	66.609	3			0
027.99	Magnesium, Miscellaneous (%)	0889	0.66000	0.08000			0.04500	2			0
027.99	Magnesium, Miscellaneous (%)	0100	0.79500	0.01000			0.04500	2			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	426.67	11.550	461.95	30.852	9.1826	12	-1.14	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	429.00	12.000	461.95	30.852	9.1826	12	-1.07	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	443.00	10.000	461.95	30.852	9.1826	12	-0.61	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	445.50	5.0000	461.95	30.852	9.1826	12	-0.53	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	446.50	7.0000	461.95	30.852	9.1826	12	-0.50	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	450.00	10.100	461.95	30.852	9.1826	12	-0.39	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	463.29	3.4000	461.95	30.852	9.1826	12	0.04	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2068	468.77	1.4010	461.95	30.852	9.1826	12	0.22	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	474.00	6.0000	461.95	30.852	9.1826	12	0.39	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	480.50	11.000	461.95	30.852	9.1826	12	0.60	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0590	508.00	24.000	461.95	30.852	9.1826	12	1.49	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	516.86	8.7400	461.95	30.852	9.1826	12	1.78	6%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	430.50	11.000			5.6500	2			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	433.25	0.30000			5.6500	2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	350.64	6.3400			15.670	2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	2033	396.50	25.000			15.670	2			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	312.00	4.0000	441.27	23.825	15.438	19	-5.43	15%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	393.96	1.0012	441.27	23.825	15.438	19	-1.99	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	415.29	0.42500	441.27	23.825	15.438	19	-1.09	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	418.92	35.890	441.27	23.825	15.438	19	-0.94	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	420.50	1.0000	441.27	23.825	15.438	19	-0.87	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	430.50	31.000	441.27	23.825	15.438	19	-0.45	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	433.50	9.0000	441.27	23.825	15.438	19	-0.33	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	437.45	0.90000	441.27	23.825	15.438	19	-0.16	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	438.00	6.0000	441.27	23.825	15.438	19	-0.14	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	444.75	8.9000	441.27	23.825	15.438	19	0.15	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	446.96	3.6900	441.27	23.825	15.438	19	0.24	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	452.15	9.7000	441.27	23.825	15.438	19	0.46	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	453.50	41.600	441.27	23.825	15.438	19	0.51	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0004	455.50	31.000	441.27	23.825	15.438	19	0.60	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	460.00	54.000	441.27	23.825	15.438	19	0.79	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	460.50	9.0000	441.27	23.825	15.438	19	0.81	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	461.93	4.5500	441.27	23.825	15.438	19	0.87	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0425	466.65	1.5000	441.27	23.825	15.438	19	1.07	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2089	492.62	40.170	441.27	23.825	15.438	19	2.16	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	339.25	19.900	442.17	18.721	13.358	18	-5.50	12%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	417.50	29.000	442.17	18.721	13.358	18	-1.32	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	430.45	12.700	442.17	18.721	13.358	18	-0.63	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	431.60	1.0000	442.17	18.721	13.358	18	-0.56	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	432.00	0.00000	442.17	18.721	13.358	18	-0.54	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	433.00	52.000	442.17	18.721	13.358	18	-0.49	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	434.00	14.000	442.17	18.721	13.358	18	-0.44	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	434.00	32.000	442.17	18.721	13.358	18	-0.44	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	435.50	29.000	442.17	18.721	13.358	18	-0.36	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	437.50	7.0000	442.17	18.721	13.358	18	-0.25	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	439.50	9.0000	442.17	18.721	13.358	18	-0.14	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	448.50	3.0000	442.17	18.721	13.358	18	0.34	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	452.20	3.4000	442.17	18.721	13.358	18	0.54	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	456.78	1.5900	442.17	18.721	13.358	18	0.78	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	462.50	1.0000	442.17	18.721	13.358	18	1.09	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	463.03	6.0500	442.17	18.721	13.358	18	1.11	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	466.70	4.8000	442.17	18.721	13.358	18	1.31	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	507.50	15.000	442.17	18.721	13.358	18	3.49	7%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	407.50	11.000	443.20	25.158	8.5879	14	-1.42	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	415.50	1.0000	443.20	25.158	8.5879	14	-1.10	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	421.50	9.0000	443.20	25.158	8.5879	14	-0.86	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	432.00	2.0000	443.20	25.158	8.5879	14	-0.45	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	434.00	10.000	443.20	25.158	8.5879	14	-0.37	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	434.50	1.0000	443.20	25.158	8.5879	14	-0.35	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0021	440.00	0.00000	443.20	25.158	8.5879	14	-0.13	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	441.50	3.0000	443.20	25.158	8.5879	14	-0.07	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	444.92	5.2100	443.20	25.158	8.5879	14	0.07	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
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028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	447.71	27.990	443.20	25.158	8.5879	14	0.18	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	459.10	21.200	443.20	25.158	8.5879	14	0.63	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	464.71	9.4310	443.20	25.158	8.5879	14	0.85	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0034	488.10	14.400	443.20	25.158	8.5879	14	1.78	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	532.50	5.0000	443.20	25.158	8.5879	14	3.55	10%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	0.00000	0.00000	443.20	25.158	8.5879	14	-17.62	50%	4
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	456.00	16.000			16.500	2			0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0955	470.50	17.000			16.500	2			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0555	451.50	3.0000			3.0000	1			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0199	435.50	6.4000			7.2000	2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	458.00	8.0000			7.2000	2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	468.50	7.0000			7.0000	1			0
031.01	Phosphorus, Photometric (%)	0689	0.48500	0.03000	0.57016	0.02454	0.00869	36	-3.47	7%	0
031.01	Phosphorus, Photometric (%)	0921	0.50950	0.00000	0.57016	0.02454	0.00869	36	-2.47	5%	0
031.01	Phosphorus, Photometric (%)	2109	0.53850	0.00500	0.57016	0.02454	0.00869	36	-1.29	3%	0
031.01	Phosphorus, Photometric (%)	0874	0.54165	0.00990	0.57016	0.02454	0.00869	36	-1.16	2%	0
031.01	Phosphorus, Photometric (%)	0354	0.54500	0.01000	0.57016	0.02454	0.00869	36	-1.03	2%	0
031.01	Phosphorus, Photometric (%)	0035	0.54550	0.00100	0.57016	0.02454	0.00869	36	-1.00	2%	0
031.01	Phosphorus, Photometric (%)	0626	0.54950	0.02100	0.57016	0.02454	0.00869	36	-0.84	2%	0
031.01	Phosphorus, Photometric (%)	0152	0.55500	0.01000	0.57016	0.02454	0.00869	36	-0.62	1%	0
031.01	Phosphorus, Photometric (%)	0939	0.55500	0.01000	0.57016	0.02454	0.00869	36	-0.62	1%	0
031.01	Phosphorus, Photometric (%)	0622	0.55520	0.00000	0.57016	0.02454	0.00869	36	-0.61	1%	0
031.01	Phosphorus, Photometric (%)	0038	0.55550	0.00700	0.57016	0.02454	0.00869	36	-0.60	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.56000	0.00000	0.57016	0.02454	0.00869	36	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.56000	0.00000	0.57016	0.02454	0.00869	36	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.56000	0.02000	0.57016	0.02454	0.00869	36	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	0904	0.56000	0.02000	0.57016	0.02454	0.00869	36	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	0018	0.56350	0.00500	0.57016	0.02454	0.00869	36	-0.27	1%	0
031.01	Phosphorus, Photometric (%)	0651	0.56600	0.00400	0.57016	0.02454	0.00869	36	-0.17	0%	0
031.01	Phosphorus, Photometric (%)	0208	0.56700	0.00000	0.57016	0.02454	0.00869	36	-0.13	0%	0
031.01	Phosphorus, Photometric (%)	0674	0.57000	0.00000	0.57016	0.02454	0.00869	36	-0.01	0%	0
031.01	Phosphorus, Photometric (%)	2022	0.57000	0.00000	0.57016	0.02454	0.00869	36	-0.01	0%	0
031.01	Phosphorus, Photometric (%)	0175	0.57000	0.02000	0.57016	0.02454	0.00869	36	-0.01	0%	0
031.01	Phosphorus, Photometric (%)	0948	0.57500	0.01000	0.57016	0.02454	0.00869	36	0.20	0%	0
031.01	Phosphorus, Photometric (%)	0620	0.57585	0.03050	0.57016	0.02454	0.00869	36	0.23	0%	0
031.01	Phosphorus, Photometric (%)	2097	0.57995	0.00650	0.57016	0.02454	0.00869	36	0.40	1%	0
031.01	Phosphorus, Photometric (%)	0108	0.58000	0.00000	0.57016	0.02454	0.00869	36	0.40	1%	0
031.01	Phosphorus, Photometric (%)	0552	0.58000	0.02000	0.57016	0.02454	0.00869	36	0.40	1%	0
031.01	Phosphorus, Photometric (%)	0940	0.58000	0.02000	0.57016	0.02454	0.00869	36	0.40	1%	0
031.01	Phosphorus, Photometric (%)	0683	0.59000	0.00000	0.57016	0.02454	0.00869	36	0.81	2%	0
031.01	Phosphorus, Photometric (%)	0897	0.59250	0.00100	0.57016	0.02454	0.00869	36	0.91	2%	0
031.01	Phosphorus, Photometric (%)	0066	0.59650	0.00500	0.57016	0.02454	0.00869	36	1.07	2%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	0142	0.60000	0.00000	0.57016	0.02454	0.00869	36	1.22	3%	0
031.01	Phosphorus, Photometric (%)	0650	0.60000	0.02000	0.57016	0.02454	0.00869	36	1.22	3%	0
031.01	Phosphorus, Photometric (%)	0563	0.60085	0.00310	0.57016	0.02454	0.00869	36	1.25	3%	0
031.01	Phosphorus, Photometric (%)	0722	0.60925	0.01470	0.57016	0.02454	0.00869	36	1.59	3%	0
031.01	Phosphorus, Photometric (%)	2006	0.61900	0.00400	0.57016	0.02454	0.00869	36	1.99	4%	0
031.01	Phosphorus, Photometric (%)	2068	0.69050	0.00500	0.57016	0.02454	0.00869	36	4.90	11%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.56000	0.00000	0.57980	0.01590	0.00365	4	-1.25	2%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0011	0.57420	0.00460	0.57980	0.01590	0.00365	4	-0.35	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	0.59000	0.00000	0.57980	0.01590	0.00365	4	0.64	1%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.59500	0.01000	0.57980	0.01590	0.00365	4	0.96	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.56000	0.00000	0.56525	0.00742	0.01567	3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.57050	0.00500	0.56525	0.00742	0.01567	3			0
031.03	Phosphorus, Autoanalyzer (%)	0036	5.7770	0.04200	0.56525	0.00742	0.01567	3			0
031.06	Phosphorus, Hach Method (%)	0138	0.59700	0.01200			0.01200	1			0
031.41	Phosphorus, ICP, Dry ash (%)	0083	0.53500	0.01000	0.58144	0.03478	0.01622	25	-1.34	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.53500	0.01000	0.58144	0.03478	0.01622	25	-1.34	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.54000	0.03600	0.58144	0.03478	0.01622	25	-1.19	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.54500	0.01000	0.58144	0.03478	0.01622	25	-1.05	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.55000	0.02000	0.58144	0.03478	0.01622	25	-0.90	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.55500	0.01000	0.58144	0.03478	0.01622	25	-0.76	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.55545	0.00650	0.58144	0.03478	0.01622	25	-0.75	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.56500	0.03000	0.58144	0.03478	0.01622	25	-0.47	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.56705	0.02890	0.58144	0.03478	0.01622	25	-0.41	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.57000	0.00000	0.58144	0.03478	0.01622	25	-0.33	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.57000	0.02000	0.58144	0.03478	0.01622	25	-0.33	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.57500	0.01000	0.58144	0.03478	0.01622	25	-0.19	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.57580	0.00300	0.58144	0.03478	0.01622	25	-0.16	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.58500	0.03000	0.58144	0.03478	0.01622	25	0.10	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0425	0.59000	0.00000	0.58144	0.03478	0.01622	25	0.25	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2089	0.59000	0.00000	0.58144	0.03478	0.01622	25	0.25	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.59850	0.00480	0.58144	0.03478	0.01622	25	0.49	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.60000	0.00000	0.58144	0.03478	0.01622	25	0.53	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.60250	0.00700	0.58144	0.03478	0.01622	25	0.61	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.60500	0.07000	0.58144	0.03478	0.01622	25	0.68	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0512	0.60590	0.00940	0.58144	0.03478	0.01622	25	0.70	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.62000	0.00000	0.58144	0.03478	0.01622	25	1.11	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.63500	0.03000	0.58144	0.03478	0.01622	25	1.54	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.63500	0.05000	0.58144	0.03478	0.01622	25	1.54	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.66500	0.01000	0.58144	0.03478	0.01622	25	2.40	7%	0
031.41	Phosphorus, ICP, Dry ash (%)	0300	0.49400	0.09200	0.58144	0.03478	0.01622	25	-2.51	8%	1
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.46000	0.00000	0.55001	0.02505	0.01528	21	-3.59	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.50000	0.02000	0.55001	0.02505	0.01528	21	-2.00	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.51900	0.05200	0.55001	0.02505	0.01528	21	-1.24	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.52300	0.01400	0.55001	0.02505	0.01528	21	-1.08	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.52815	0.00070	0.55001	0.02505	0.01528	21	-0.87	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.53280	0.00020	0.55001	0.02505	0.01528	21	-0.69	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.54500	0.03000	0.55001	0.02505	0.01528	21	-0.20	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.54850	0.00500	0.55001	0.02505	0.01528	21	-0.06	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0160	0.54940	0.01400	0.55001	0.02505	0.01528	21	-0.02	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.55000	0.00000	0.55001	0.02505	0.01528	21	0.00	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.55500	0.03000	0.55001	0.02505	0.01528	21	0.20	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.55500	0.01000	0.55001	0.02505	0.01528	21	0.20	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.55500	0.01000	0.55001	0.02505	0.01528	21	0.20	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.55500	0.00800	0.55001	0.02505	0.01528	21	0.20	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	2110	0.55500	0.01000	0.55001	0.02505	0.01528	21	0.20	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	0.56335	0.05390	0.55001	0.02505	0.01528	21	0.53	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.57000	0.00000	0.55001	0.02505	0.01528	21	0.80	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.57600	0.00200	0.55001	0.02505	0.01528	21	1.04	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.57750	0.06100	0.55001	0.02505	0.01528	21	1.10	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.58000	0.00000	0.55001	0.02505	0.01528	21	1.20	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.59000	0.00000	0.55001	0.02505	0.01528	21	1.60	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0644	0.21300	0.00000	0.54346	0.04923	0.00849	14	-6.71	30%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.48000	0.02000	0.54346	0.04923	0.00849	14	-1.29	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.48500	0.01000	0.54346	0.04923	0.00849	14	-1.19	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.49500	0.01000	0.54346	0.04923	0.00849	14	-0.98	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.53800	0.00000	0.54346	0.04923	0.00849	14	-0.11	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.54500	0.01000	0.54346	0.04923	0.00849	14	0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.55500	0.00000	0.54346	0.04923	0.00849	14	0.23	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.56100	0.00200	0.54346	0.04923	0.00849	14	0.36	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.57000	0.01400	0.54346	0.04923	0.00849	14	0.54	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.57120	0.00660	0.54346	0.04923	0.00849	14	0.56	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.57455	0.00690	0.54346	0.04923	0.00849	14	0.63	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.57500	0.01000	0.54346	0.04923	0.00849	14	0.64	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.58660	0.00640	0.54346	0.04923	0.00849	14	0.88	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.60250	0.02300	0.54346	0.04923	0.00849	14	1.20	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.54700	0.04200	0.54346	0.04923	0.00849	14	0.07	0%	1
031.43	Phosphorus, ICP, Microwave (%)	0036	6.0840	0.00800	0.54346	0.04923	0.00849	14	112.54	510%	2
031.43	Phosphorus, ICP, Microwave (%)	0043	0.00000	0.00000	0.54346	0.04923	0.00849	14	-11.04	50%	4
031.44	Phosphorus, ICP, Dry ash (%)	0955	0.49350	0.04500	0.57880	0.07547	0.01840	3			0
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.60600	0.00400	0.57880	0.07547	0.01840	3			0
031.44	Phosphorus, ICP, Dry ash (%)	0065	0.63690	0.00620	0.57880	0.07547	0.01840	3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.51745	0.02930			0.02930	1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.58650	0.00900			0.02450	2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	0.87000	0.04000			0.02450	2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.99	Phosphorus, Miscellaneous (%)	0889	0.49500	0.01000	0.53800	0.03867	0.01200	5	-1.11	4%	0
031.99	Phosphorus, Miscellaneous (%)	0852	0.50500	0.01000	0.53800	0.03867	0.01200	5	-0.85	3%	0
031.99	Phosphorus, Miscellaneous (%)	0676	0.54500	0.01000	0.53800	0.03867	0.01200	5	0.18	1%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.55500	0.01000	0.53800	0.03867	0.01200	5	0.44	2%	0
031.99	Phosphorus, Miscellaneous (%)	0590	0.59000	0.02000	0.53800	0.03867	0.01200	5	1.34	5%	0
032.02	Potassium, Flame Emission (%)	0590	1.1300	0.02000			0.03000	2			0
032.02	Potassium, Flame Emission (%)	0066	1.2400	0.04000			0.03000	2			0
032.31	Potassium, AAS, Dry ash (%)	0689	0.85500	0.01000	1.0365	0.06244	0.02017	17	-2.91	9%	0
032.31	Potassium, AAS, Dry ash (%)	0505	0.88000	0.00000	1.0365	0.06244	0.02017	17	-2.51	8%	0
032.31	Potassium, AAS, Dry ash (%)	0175	0.98000	0.04000	1.0365	0.06244	0.02017	17	-0.91	3%	0
032.31	Potassium, AAS, Dry ash (%)	0874	0.99585	0.00210	1.0365	0.06244	0.02017	17	-0.65	2%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.0000	0.02000	1.0365	0.06244	0.02017	17	-0.59	2%	0
032.31	Potassium, AAS, Dry ash (%)	0904	1.0150	0.01000	1.0365	0.06244	0.02017	17	-0.34	1%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.0150	0.01000	1.0365	0.06244	0.02017	17	-0.34	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.0342	0.00080	1.0365	0.06244	0.02017	17	-0.04	0%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.0450	0.03000	1.0365	0.06244	0.02017	17	0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	0683	1.0450	0.03000	1.0365	0.06244	0.02017	17	0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.0450	0.03000	1.0365	0.06244	0.02017	17	0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.0500	0.02000	1.0365	0.06244	0.02017	17	0.22	1%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.0750	0.01000	1.0365	0.06244	0.02017	17	0.62	2%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.0850	0.03000	1.0365	0.06244	0.02017	17	0.78	2%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.1050	0.01000	1.0365	0.06244	0.02017	17	1.10	3%	0
032.31	Potassium, AAS, Dry ash (%)	2022	1.1150	0.05000	1.0365	0.06244	0.02017	17	1.26	4%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.1600	0.04000	1.0365	0.06244	0.02017	17	1.98	6%	0
032.31	Potassium, AAS, Dry ash (%)	0014	0.99500	0.09000	1.0365	0.06244	0.02017	17	-0.67	2%	1
032.32	Potassium, AAS, Open vessel (%)	0169	0.82600	0.00000			0.00500	2			0
032.32	Potassium, AAS, Open vessel (%)	0035	0.94300	0.01000			0.00500	2			0
032.41	Potassium, ICP, Dry ash (%)	0011	0.97225	0.02490	1.0687	0.06472	0.02956	22	-1.49	5%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.98000	0.04000	1.0687	0.06472	0.02956	22	-1.37	4%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.99500	0.03000	1.0687	0.06472	0.02956	22	-1.14	3%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.0175	0.11300	1.0687	0.06472	0.02956	22	-0.79	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.0250	0.00640	1.0687	0.06472	0.02956	22	-0.68	2%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.0300	0.02000	1.0687	0.06472	0.02956	22	-0.60	2%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.0350	0.05000	1.0687	0.06472	0.02956	22	-0.52	2%	0
032.41	Potassium, ICP, Dry ash (%)	0425	1.0400	0.02000	1.0687	0.06472	0.02956	22	-0.44	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.0450	0.01000	1.0687	0.06472	0.02956	22	-0.37	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.0500	0.02000	1.0687	0.06472	0.02956	22	-0.29	1%	0
032.41	Potassium, ICP, Dry ash (%)	0083	1.0550	0.01000	1.0687	0.06472	0.02956	22	-0.21	1%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.0600	0.02000	1.0687	0.06472	0.02956	22	-0.13	0%	0
032.41	Potassium, ICP, Dry ash (%)	2089	1.0650	0.05000	1.0687	0.06472	0.02956	22	-0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.0900	0.00000	1.0687	0.06472	0.02956	22	0.33	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.1000	0.04000	1.0687	0.06472	0.02956	22	0.48	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.41	Potassium, ICP, Dry ash (%)	0598	1.1035	0.00500	1.0687	0.06472	0.02956	22	0.54	2%	0
032.41	Potassium, ICP, Dry ash (%)	0512	1.1175	0.06100	1.0687	0.06472	0.02956	22	0.75	2%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.1190	0.01000	1.0687	0.06472	0.02956	22	0.78	2%	0
032.41	Potassium, ICP, Dry ash (%)	0004	1.1350	0.05000	1.0687	0.06472	0.02956	22	1.02	3%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.1450	0.01000	1.0687	0.06472	0.02956	22	1.18	4%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.2050	0.01000	1.0687	0.06472	0.02956	22	2.11	6%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.3250	0.05000	1.0687	0.06472	0.02956	22	3.96	12%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.2500	0.26000	1.0687	0.06472	0.02956	22	2.80	8%	1
032.42	Potassium, ICP, Open vessel (%)	0160	0.92280	0.00180	1.0515	0.08575	0.01857	19	-1.50	6%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.94265	0.00290	1.0515	0.08575	0.01857	19	-1.27	5%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.97000	0.00000	1.0515	0.08575	0.01857	19	-0.95	4%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.97150	0.04500	1.0515	0.08575	0.01857	19	-0.93	4%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.0050	0.01000	1.0515	0.08575	0.01857	19	-0.54	2%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.0085	0.02300	1.0515	0.08575	0.01857	19	-0.50	2%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.0220	0.03600	1.0515	0.08575	0.01857	19	-0.34	1%	0
032.42	Potassium, ICP, Open vessel (%)	0555	1.0339	0.00320	1.0515	0.08575	0.01857	19	-0.21	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.0350	0.01000	1.0515	0.08575	0.01857	19	-0.19	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.0350	0.03000	1.0515	0.08575	0.01857	19	-0.19	1%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.0425	0.00100	1.0515	0.08575	0.01857	19	-0.11	0%	0
032.42	Potassium, ICP, Open vessel (%)	0202	1.0550	0.01000	1.0515	0.08575	0.01857	19	0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.0750	0.05000	1.0515	0.08575	0.01857	19	0.27	1%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.0950	0.01000	1.0515	0.08575	0.01857	19	0.51	2%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.1350	0.03000	1.0515	0.08575	0.01857	19	0.97	4%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.1400	0.00000	1.0515	0.08575	0.01857	19	1.03	4%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.1400	0.02000	1.0515	0.08575	0.01857	19	1.03	4%	0
032.42	Potassium, ICP, Open vessel (%)	0613	1.1700	0.04000	1.0515	0.08575	0.01857	19	1.38	6%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.4350	0.03000	1.0515	0.08575	0.01857	19	4.47	18%	0
032.42	Potassium, ICP, Open vessel (%)	2110	1.1500	0.10000	1.0515	0.08575	0.01857	19	1.15	5%	1
032.43	Potassium, ICP, Microwave (%)	0644	0.50900	0.00000	1.0535	0.06621	0.02334	17	-8.22	26%	0
032.43	Potassium, ICP, Microwave (%)	0036	0.96975	0.02370	1.0535	0.06621	0.02334	17	-1.27	4%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.99350	0.03500	1.0535	0.06621	0.02334	17	-0.91	3%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.99500	0.01000	1.0535	0.06621	0.02334	17	-0.88	3%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.0050	0.03000	1.0535	0.06621	0.02334	17	-0.73	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.0250	0.01000	1.0535	0.06621	0.02334	17	-0.43	1%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.0300	0.04000	1.0535	0.06621	0.02334	17	-0.36	1%	0
032.43	Potassium, ICP, Microwave (%)	0034	1.0486	0.01710	1.0535	0.06621	0.02334	17	-0.08	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.0550	0.05000	1.0535	0.06621	0.02334	17	0.02	0%	0
032.43	Potassium, ICP, Microwave (%)	0033	1.0600	0.00000	1.0535	0.06621	0.02334	17	0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.0700	0.02000	1.0535	0.06621	0.02334	17	0.25	1%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.0790	0.01800	1.0535	0.06621	0.02334	17	0.38	1%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.1100	0.00000	1.0535	0.06621	0.02334	17	0.85	3%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.1250	0.05000	1.0535	0.06621	0.02334	17	1.08	3%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.43	Potassium, ICP, Microwave (%)	0861	1.1250	0.07000	1.0535	0.06621	0.02334	17	1.08	3%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.1269	0.00490	1.0535	0.06621	0.02334	17	1.11	3%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.1380	0.01800	1.0535	0.06621	0.02334	17	1.28	4%	0
032.43	Potassium, ICP, Microwave (%)	0043	0.00000	0.00000	1.0535	0.06621	0.02334	17	-15.91	50%	4
032.44	Potassium, ICP, Dry ash (%)	0955	1.1000	0.16000	1.1458	0.00590	0.06110	3			0
032.44	Potassium, ICP, Dry ash (%)	0065	1.1417	0.00330	1.1458	0.00590	0.06110	3			0
032.44	Potassium, ICP, Dry ash (%)	2004	1.1500	0.02000	1.1458	0.00590	0.06110	3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.0277	0.01820			0.01820	1			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.0200	0.00000			0.02500	2			0
032.53	Potassium, ICP-MS, Microwave (%)	0199	1.4650	0.05000			0.02500	2			0
032.99	Potassium, Miscellaneous (%)	0100	1.0150	0.01000			0.00650	2			0
032.99	Potassium, Miscellaneous (%)	0001	1.0465	0.00300			0.00650	2			0
032.99	Potassium, Miscellaneous (%)	0889	0.00000	0.00000			0.00650	2			4
033.00	Salt as chloride, Sol Cl (%)	0693	3.6900	0.14000	4.1238	0.20806	0.04954	11	-2.09	5%	0
033.00	Salt as chloride, Sol Cl (%)	0675	3.8750	0.07000	4.1238	0.20806	0.04954	11	-1.20	3%	0
033.00	Salt as chloride, Sol Cl (%)	0298	4.0300	0.02000	4.1238	0.20806	0.04954	11	-0.45	1%	0
033.00	Salt as chloride, Sol Cl (%)	0353	4.0500	0.04000	4.1238	0.20806	0.04954	11	-0.35	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	4.1200	0.00000	4.1238	0.20806	0.04954	11	-0.02	0%	0
033.00	Salt as chloride, Sol Cl (%)	2022	4.1255	0.00100	4.1238	0.20806	0.04954	11	0.01	0%	0
033.00	Salt as chloride, Sol Cl (%)	2068	4.1415	0.04100	4.1238	0.20806	0.04954	11	0.08	0%	0
033.00	Salt as chloride, Sol Cl (%)	0309	4.1774	0.00290	4.1238	0.20806	0.04954	11	0.26	1%	0
033.00	Salt as chloride, Sol Cl (%)	0897	4.2600	0.02000	4.1238	0.20806	0.04954	11	0.65	2%	0
033.00	Salt as chloride, Sol Cl (%)	0366	4.3350	0.21000	4.1238	0.20806	0.04954	11	1.01	3%	0
033.00	Salt as chloride, Sol Cl (%)	0674	4.4500	0.00000	4.1238	0.20806	0.04954	11	1.57	4%	0
033.01	Salt as chloride, Poten Cl (%)	0011	4.0231	0.01310	4.1986	0.10789	0.02667	27	-1.63	2%	0
033.01	Salt as chloride, Poten Cl (%)	0229	4.0300	0.02000	4.1986	0.10789	0.02667	27	-1.56	2%	0
033.01	Salt as chloride, Poten Cl (%)	0425	4.0400	0.02000	4.1986	0.10789	0.02667	27	-1.47	2%	0
033.01	Salt as chloride, Poten Cl (%)	0510	4.0850	0.05000	4.1986	0.10789	0.02667	27	-1.05	1%	0
033.01	Salt as chloride, Poten Cl (%)	2109	4.0960	0.01200	4.1986	0.10789	0.02667	27	-0.95	1%	0
033.01	Salt as chloride, Poten Cl (%)	0003	4.1000	0.00000	4.1986	0.10789	0.02667	27	-0.91	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	4.1275	0.01100	4.1986	0.10789	0.02667	27	-0.66	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	4.1400	0.00000	4.1986	0.10789	0.02667	27	-0.54	1%	0
033.01	Salt as chloride, Poten Cl (%)	0650	4.1450	0.07000	4.1986	0.10789	0.02667	27	-0.50	1%	0
033.01	Salt as chloride, Poten Cl (%)	0948	4.1650	0.01000	4.1986	0.10789	0.02667	27	-0.31	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	4.1850	0.01000	4.1986	0.10789	0.02667	27	-0.13	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	4.2000	0.02000	4.1986	0.10789	0.02667	27	0.01	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	4.2000	0.02000	4.1986	0.10789	0.02667	27	0.01	0%	0
033.01	Salt as chloride, Poten Cl (%)	0629	4.2050	0.01000	4.1986	0.10789	0.02667	27	0.06	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	4.2200	0.08000	4.1986	0.10789	0.02667	27	0.20	0%	0
033.01	Salt as chloride, Poten Cl (%)	0199	4.2200	0.02000	4.1986	0.10789	0.02667	27	0.20	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	4.2250	0.01000	4.1986	0.10789	0.02667	27	0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0175	4.2350	0.03000	4.1986	0.10789	0.02667	27	0.34	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
033.01	Salt as chloride, Poten Cl (%)	0001	4.2450	0.05000	4.1986	0.10789	0.02667	27	0.43	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	4.2450	0.01000	4.1986	0.10789	0.02667	27	0.43	1%	0
033.01	Salt as chloride, Poten Cl (%)	0861	4.2550	0.01000	4.1986	0.10789	0.02667	27	0.52	1%	0
033.01	Salt as chloride, Poten Cl (%)	0205	4.2950	0.09000	4.1986	0.10789	0.02667	27	0.89	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	4.3050	0.01000	4.1986	0.10789	0.02667	27	0.99	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	4.3050	0.05000	4.1986	0.10789	0.02667	27	0.99	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	4.3300	0.04000	4.1986	0.10789	0.02667	27	1.22	2%	0
033.01	Salt as chloride, Poten Cl (%)	0019	4.3700	0.04000	4.1986	0.10789	0.02667	27	1.59	2%	0
033.01	Salt as chloride, Poten Cl (%)	0874	4.4565	0.01390	4.1986	0.10789	0.02667	27	2.39	3%	0
033.01	Salt as chloride, Poten Cl (%)	0004	4.0900	0.16000	4.1986	0.10789	0.02667	27	-1.01	1%	1
033.01	Salt as chloride, Poten Cl (%)	0413	4.2950	0.17000	4.1986	0.10789	0.02667	27	0.89	1%	1
033.03	Salt as chloride, Quantab (%)	0144	3.4300	0.30000	4.7060	1.4741	0.28000	5	-0.87	14%	0
033.03	Salt as chloride, Quantab (%)	0505	4.1000	0.20000	4.7060	1.4741	0.28000	5	-0.41	6%	0
033.03	Salt as chloride, Quantab (%)	0529	4.1400	0.32000	4.7060	1.4741	0.28000	5	-0.38	6%	0
033.03	Salt as chloride, Quantab (%)	0265	4.6300	0.00000	4.7060	1.4741	0.28000	5	-0.05	1%	0
033.03	Salt as chloride, Quantab (%)	0190	7.2300	0.58000	4.7060	1.4741	0.28000	5	1.71	27%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	3.1950	0.03000			0.07000	2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	4.2950	0.11000			0.07000	2			0
033.99	Salt, Miscellaneous (%)	0358	3.7250	0.29000	4.0588	0.31455	0.16367	6	-1.06	4%	0
033.99	Salt, Miscellaneous (%)	0613	3.8550	0.13000	4.0588	0.31455	0.16367	6	-0.65	3%	0
033.99	Salt, Miscellaneous (%)	0552	4.0300	0.02000	4.0588	0.31455	0.16367	6	-0.09	0%	0
033.99	Salt, Miscellaneous (%)	0027	4.0620	0.07200	4.0588	0.31455	0.16367	6	0.01	0%	0
033.99	Salt, Miscellaneous (%)	2073	4.1500	0.04000	4.0588	0.31455	0.16367	6	0.29	1%	0
033.99	Salt, Miscellaneous (%)	0208	4.6550	0.43000	4.0588	0.31455	0.16367	6	1.90	7%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	2.3550	0.11000	3.3203	0.60228	0.11134	5	-1.60	15%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	3.1750	0.05000	3.3203	0.60228	0.11134	5	-0.24	2%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	3.4500	0.10000	3.3203	0.60228	0.11134	5	0.22	2%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	3.8100	0.20000	3.3203	0.60228	0.11134	5	0.81	7%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	3.8117	0.09670	3.3203	0.60228	0.11134	5	0.82	7%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0512	3.5195	0.31300			0.31300	1			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	4.6500	1.3000			1.3000	1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	3.5462	0.02610			0.04805	2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0675	4.1950	0.07000			0.04805	2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000			0.04805	2			4
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0555	3.7000	0.00000			0.29000	2			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	4.4000	0.58000			0.29000	2			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0199	3.2650	0.07000	3.8197	0.43586	0.08858	5	-1.27	7%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0644	3.4400	0.00000	3.8197	0.43586	0.08858	5	-0.87	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	4.0300	0.02000	3.8197	0.43586	0.08858	5	0.48	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	4.1536	0.09290	3.8197	0.43586	0.08858	5	0.77	4%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0033	4.2100	0.26000	3.8197	0.43586	0.08858	5	0.90	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	4.3125	0.92700	3.8197	0.43586	0.08858	5	1.13	6%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0555	3.6000	0.00000	3.9417	0.41959	0.15667	3			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0045	3.8150	0.37000	3.9417	0.41959	0.15667	3			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	4.4100	0.10000	3.9417	0.41959	0.15667	3			0
035.01	Sodium, Ion-selective electrode (%)	2109	1.4375	0.00100	1.4380	0.00071	0.01100	3			0
035.01	Sodium, Ion-selective electrode (%)	2006	1.4385	0.00700	1.4380	0.00071	0.01100	3			0
035.01	Sodium, Ion-selective electrode (%)	0138	1.4875	0.02500	1.4380	0.00071	0.01100	3			0
035.05	Sodium, Flame Emission (%)	0108	1.4250	0.17000	1.5709	0.10258	0.06175	4	-1.42	5%	0
035.05	Sodium, Flame Emission (%)	0066	1.5900	0.06000	1.5709	0.10258	0.06175	4	0.19	1%	0
035.05	Sodium, Flame Emission (%)	0590	1.6035	0.00700	1.5709	0.10258	0.06175	4	0.32	1%	0
035.05	Sodium, Flame Emission (%)	0152	1.6650	0.01000	1.5709	0.10258	0.06175	4	0.92	3%	0
035.31	Sodium, AAS, Dry ash (%)	0689	1.0600	0.00000	1.3754	0.15737	0.02116	17	-2.00	11%	0
035.31	Sodium, AAS, Dry ash (%)	0175	1.1700	0.02000	1.3754	0.15737	0.02116	17	-1.31	7%	0
035.31	Sodium, AAS, Dry ash (%)	0683	1.1750	0.01000	1.3754	0.15737	0.02116	17	-1.27	7%	0
035.31	Sodium, AAS, Dry ash (%)	0142	1.2600	0.03690	1.3754	0.15737	0.02116	17	-0.73	4%	0
035.31	Sodium, AAS, Dry ash (%)	0354	1.2950	0.01000	1.3754	0.15737	0.02116	17	-0.51	3%	0
035.31	Sodium, AAS, Dry ash (%)	0904	1.3100	0.02000	1.3754	0.15737	0.02116	17	-0.42	2%	0
035.31	Sodium, AAS, Dry ash (%)	2022	1.3540	0.01000	1.3754	0.15737	0.02116	17	-0.14	1%	0
035.31	Sodium, AAS, Dry ash (%)	0650	1.3550	0.01000	1.3754	0.15737	0.02116	17	-0.13	1%	0
035.31	Sodium, AAS, Dry ash (%)	0948	1.3550	0.01000	1.3754	0.15737	0.02116	17	-0.13	1%	0
035.31	Sodium, AAS, Dry ash (%)	0038	1.4250	0.05000	1.3754	0.15737	0.02116	17	0.32	2%	0
035.31	Sodium, AAS, Dry ash (%)	0563	1.4422	0.01000	1.3754	0.15737	0.02116	17	0.42	2%	0
035.31	Sodium, AAS, Dry ash (%)	0505	1.4500	0.04000	1.3754	0.15737	0.02116	17	0.47	3%	0
035.31	Sodium, AAS, Dry ash (%)	0208	1.4800	0.00000	1.3754	0.15737	0.02116	17	0.66	4%	0
035.31	Sodium, AAS, Dry ash (%)	0629	1.4800	0.06000	1.3754	0.15737	0.02116	17	0.66	4%	0
035.31	Sodium, AAS, Dry ash (%)	0874	1.5251	0.02290	1.3754	0.15737	0.02116	17	0.95	5%	0
035.31	Sodium, AAS, Dry ash (%)	0939	1.5550	0.05000	1.3754	0.15737	0.02116	17	1.14	7%	0
035.31	Sodium, AAS, Dry ash (%)	0921	1.8050	0.00000	1.3754	0.15737	0.02116	17	2.73	16%	0
035.32	Sodium, AAS, Open vessel (%)	0035	1.0097	0.03260			0.02130	2			0
035.32	Sodium, AAS, Open vessel (%)	0169	1.1750	0.01000			0.02130	2			0
035.33	Sodium, AAS, Microwave (%)	2033	1.5000	0.10000			0.10000	1			0
035.41	Sodium, ICP, Dry ash (%)	0089	0.56000	0.00000	1.4397	0.10509	0.02326	23	-8.37	31%	0
035.41	Sodium, ICP, Dry ash (%)	0144	1.3150	0.07000	1.4397	0.10509	0.02326	23	-1.19	4%	0
035.41	Sodium, ICP, Dry ash (%)	0148	1.3175	0.00100	1.4397	0.10509	0.02326	23	-1.16	4%	0
035.41	Sodium, ICP, Dry ash (%)	0298	1.3400	0.02000	1.4397	0.10509	0.02326	23	-0.95	3%	0
035.41	Sodium, ICP, Dry ash (%)	0011	1.3442	0.02630	1.4397	0.10509	0.02326	23	-0.91	3%	0
035.41	Sodium, ICP, Dry ash (%)	0405	1.3650	0.03000	1.4397	0.10509	0.02326	23	-0.71	3%	0
035.41	Sodium, ICP, Dry ash (%)	0164	1.3800	0.04000	1.4397	0.10509	0.02326	23	-0.57	2%	0
035.41	Sodium, ICP, Dry ash (%)	0171	1.3900	0.02000	1.4397	0.10509	0.02326	23	-0.47	2%	0
035.41	Sodium, ICP, Dry ash (%)	0425	1.3900	0.00000	1.4397	0.10509	0.02326	23	-0.47	2%	0
035.41	Sodium, ICP, Dry ash (%)	0598	1.3910	0.00800	1.4397	0.10509	0.02326	23	-0.46	2%	0
035.41	Sodium, ICP, Dry ash (%)	0098	1.4100	0.02000	1.4397	0.10509	0.02326	23	-0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	2012	1.4200	0.00000	1.4397	0.10509	0.02326	23	-0.19	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.41	Sodium, ICP, Dry ash (%)	2089	1.4750	0.01000	1.4397	0.10509	0.02326	23	0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	0300	1.4765	0.07500	1.4397	0.10509	0.02326	23	0.35	1%	0
035.41	Sodium, ICP, Dry ash (%)	2004	1.4900	0.00000	1.4397	0.10509	0.02326	23	0.48	2%	0
035.41	Sodium, ICP, Dry ash (%)	0413	1.5000	0.00000	1.4397	0.10509	0.02326	23	0.57	2%	0
035.41	Sodium, ICP, Dry ash (%)	0229	1.5050	0.01000	1.4397	0.10509	0.02326	23	0.62	2%	0
035.41	Sodium, ICP, Dry ash (%)	0226	1.5200	0.02000	1.4397	0.10509	0.02326	23	0.76	3%	0
035.41	Sodium, ICP, Dry ash (%)	0358	1.5200	0.00000	1.4397	0.10509	0.02326	23	0.76	3%	0
035.41	Sodium, ICP, Dry ash (%)	0208	1.5300	0.03800	1.4397	0.10509	0.02326	23	0.86	3%	0
035.41	Sodium, ICP, Dry ash (%)	0065	1.5673	0.00550	1.4397	0.10509	0.02326	23	1.21	4%	0
035.41	Sodium, ICP, Dry ash (%)	0407	1.5867	0.03120	1.4397	0.10509	0.02326	23	1.40	5%	0
035.41	Sodium, ICP, Dry ash (%)	0955	1.6150	0.11000	1.4397	0.10509	0.02326	23	1.67	6%	0
035.41	Sodium, ICP, Dry ash (%)	0083	1.5500	0.22000	1.4397	0.10509	0.02326	23	1.05	4%	1
035.42	Sodium, ICP, Open vessel (%)	0366	0.93000	0.02000	1.5185	0.12906	0.03150	15	-4.56	19%	0
035.42	Sodium, ICP, Open vessel (%)	0045	1.3900	0.00000	1.5185	0.12906	0.03150	15	-1.00	4%	0
035.42	Sodium, ICP, Open vessel (%)	0042	1.4100	0.00000	1.5185	0.12906	0.03150	15	-0.84	4%	0
035.42	Sodium, ICP, Open vessel (%)	0190	1.4400	0.04000	1.5185	0.12906	0.03150	15	-0.61	3%	0
035.42	Sodium, ICP, Open vessel (%)	0693	1.4650	0.09000	1.5185	0.12906	0.03150	15	-0.41	2%	0
035.42	Sodium, ICP, Open vessel (%)	0555	1.4788	0.01450	1.5185	0.12906	0.03150	15	-0.31	1%	0
035.42	Sodium, ICP, Open vessel (%)	0205	1.4800	0.04000	1.5185	0.12906	0.03150	15	-0.30	1%	0
035.42	Sodium, ICP, Open vessel (%)	0202	1.5000	0.02000	1.5185	0.12906	0.03150	15	-0.14	1%	0
035.42	Sodium, ICP, Open vessel (%)	0265	1.5150	0.01000	1.5185	0.12906	0.03150	15	-0.03	0%	0
035.42	Sodium, ICP, Open vessel (%)	0278	1.5200	0.02000	1.5185	0.12906	0.03150	15	0.01	0%	0
035.42	Sodium, ICP, Open vessel (%)	0294	1.5650	0.01000	1.5185	0.12906	0.03150	15	0.36	2%	0
035.42	Sodium, ICP, Open vessel (%)	0187	1.6300	0.06000	1.5185	0.12906	0.03150	15	0.86	4%	0
035.42	Sodium, ICP, Open vessel (%)	0613	1.6350	0.01000	1.5185	0.12906	0.03150	15	0.90	4%	0
035.42	Sodium, ICP, Open vessel (%)	0692	1.7450	0.11000	1.5185	0.12906	0.03150	15	1.75	7%	0
035.42	Sodium, ICP, Open vessel (%)	0560	1.9210	0.02800	1.5185	0.12906	0.03150	15	3.12	13%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.68530	1.1214	1.5185	0.12906	0.03150	15	-6.46	27%	1
035.43	Sodium, ICP, Microwave (%)	0510	1.2105	0.00100	1.4505	0.05891	0.01847	11	-4.07	8%	0
035.43	Sodium, ICP, Microwave (%)	0918	1.4165	0.06500	1.4505	0.05891	0.01847	11	-0.58	1%	0
035.43	Sodium, ICP, Microwave (%)	0297	1.4200	0.00000	1.4505	0.05891	0.01847	11	-0.52	1%	0
035.43	Sodium, ICP, Microwave (%)	0353	1.4200	0.00000	1.4505	0.05891	0.01847	11	-0.52	1%	0
035.43	Sodium, ICP, Microwave (%)	0644	1.4300	0.00000	1.4505	0.05891	0.01847	11	-0.35	1%	0
035.43	Sodium, ICP, Microwave (%)	0629	1.4500	0.00000	1.4505	0.05891	0.01847	11	-0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0038	1.4600	0.02000	1.4505	0.05891	0.01847	11	0.16	0%	0
035.43	Sodium, ICP, Microwave (%)	0098	1.4600	0.00000	1.4505	0.05891	0.01847	11	0.16	0%	0
035.43	Sodium, ICP, Microwave (%)	0675	1.4600	0.02000	1.4505	0.05891	0.01847	11	0.16	0%	0
035.43	Sodium, ICP, Microwave (%)	0964	1.5381	0.02720	1.4505	0.05891	0.01847	11	1.49	3%	0
035.43	Sodium, ICP, Microwave (%)	0861	1.5550	0.07000	1.4505	0.05891	0.01847	11	1.77	4%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.00000	0.00000	1.4505	0.05891	0.01847	11	-24.62	50%	4
035.52	Sodium, ICP-MS, Open vessel (%)	0154	1.5102	0.16250			0.16250	1			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	1.4450	0.01000			0.05500	2			0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.53	Sodium, ICP-MS, Microwave (%)	0199	2.0200	0.10000			0.05500	2			0
035.99	Sodium, Miscellaneous (%)	0100	1.4900	0.02000	1.6300	0.12379	0.02667	3			0
035.99	Sodium, Miscellaneous (%)	0889	1.6750	0.01000	1.6300	0.12379	0.02667	3			0
035.99	Sodium, Miscellaneous (%)	2105	1.7250	0.05000	1.6300	0.12379	0.02667	3			0
036.04	Sulfur, LECO (%)	0098	0.79500	0.01000	0.80833	0.01258	0.02333	3			0
036.04	Sulfur, LECO (%)	0226	0.81000	0.02000	0.80833	0.01258	0.02333	3			0
036.04	Sulfur, LECO (%)	0229	0.82000	0.04000	0.80833	0.01258	0.02333	3			0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.78500	0.01000	0.87706	0.07910	0.01472	19	-1.16	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.80070	0.01900	0.87706	0.07910	0.01472	19	-0.97	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.80500	0.01000	0.87706	0.07910	0.01472	19	-0.91	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.80720	0.03080	0.87706	0.07910	0.01472	19	-0.88	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.83350	0.00300	0.87706	0.07910	0.01472	19	-0.55	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.83500	0.01000	0.87706	0.07910	0.01472	19	-0.53	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.83500	0.01000	0.87706	0.07910	0.01472	19	-0.53	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.83500	0.01000	0.87706	0.07910	0.01472	19	-0.53	2%	0
036.42	Sulfur, ICP, Open vessel (%)	2089	0.83500	0.01000	0.87706	0.07910	0.01472	19	-0.53	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.83850	0.04300	0.87706	0.07910	0.01472	19	-0.49	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.87000	0.00000	0.87706	0.07910	0.01472	19	-0.09	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.90000	0.00200	0.87706	0.07910	0.01472	19	0.29	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.90275	0.01750	0.87706	0.07910	0.01472	19	0.32	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.91500	0.01000	0.87706	0.07910	0.01472	19	0.48	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.93100	0.02000	0.87706	0.07910	0.01472	19	0.68	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.95000	0.04000	0.87706	0.07910	0.01472	19	0.92	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.99400	0.03200	0.87706	0.07910	0.01472	19	1.48	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	1.0200	0.00000	0.87706	0.07910	0.01472	19	1.81	8%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	1.0813	0.00240	0.87706	0.07910	0.01472	19	2.58	12%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.86000	0.16000	0.87706	0.07910	0.01472	19	-0.22	1%	1
036.43	Sulfur, ICP, Microwave (%)	0297	0.77500	0.01000	0.84945	0.04928	0.00755	8	-1.51	4%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.81750	0.00900	0.84945	0.04928	0.00755	8	-0.65	2%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.83000	0.00000	0.84945	0.04928	0.00755	8	-0.39	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.84520	0.01940	0.84945	0.04928	0.00755	8	-0.09	0%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.86000	0.00000	0.84945	0.04928	0.00755	8	0.21	1%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.86900	0.01200	0.84945	0.04928	0.00755	8	0.40	1%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.87500	0.01000	0.84945	0.04928	0.00755	8	0.52	2%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.93000	0.00000	0.84945	0.04928	0.00755	8	1.63	5%	0
036.99	Sulfur, Miscellaneous (%)	0889	0.72500	0.01000			0.01000	1			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	601.15	52.900	659.90	20.435	16.055	17	-2.87	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	631.00	6.0000	659.90	20.435	16.055	17	-1.41	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	641.15	36.150	659.90	20.435	16.055	17	-0.92	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	649.33	3.1700	659.90	20.435	16.055	17	-0.52	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2068	649.91	3.2420	659.90	20.435	16.055	17	-0.49	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	650.79	4.5800	659.90	20.435	16.055	17	-0.45	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0014	653.00	18.000	659.90	20.435	16.055	17	-0.34	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	655.00	10.000	659.90	20.435	16.055	17	-0.24	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	656.00	4.0000	659.90	20.435	16.055	17	-0.19	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	665.54	1.4918	659.90	20.435	16.055	17	0.28	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0590	666.50	21.000	659.90	20.435	16.055	17	0.32	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	667.00	48.000	659.90	20.435	16.055	17	0.35	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	667.82	28.600	659.90	20.435	16.055	17	0.39	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	676.00	8.0000	659.90	20.435	16.055	17	0.79	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	678.90	7.8000	659.90	20.435	16.055	17	0.93	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	707.50	19.000	659.90	20.435	16.055	17	2.33	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	709.50	1.0000	659.90	20.435	16.055	17	2.43	4%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0013	662.50	13.000	665.17	3.4034	9.1333	3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	664.00	2.0000	665.17	3.4034	9.1333	3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	669.00	12.400	665.17	3.4034	9.1333	3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	778.50	2.6900			2.6900	1			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	533.16	2.7950	632.06	52.422	12.481	20	-1.89	8%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	558.50	1.0000	632.06	52.422	12.481	20	-1.40	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	588.50	11.000	632.06	52.422	12.481	20	-0.83	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	589.35	0.10000	632.06	52.422	12.481	20	-0.81	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	594.00	4.0000	632.06	52.422	12.481	20	-0.73	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	595.51	0.53320	632.06	52.422	12.481	20	-0.70	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	597.00	12.000	632.06	52.422	12.481	20	-0.67	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	601.00	8.0000	632.06	52.422	12.481	20	-0.59	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	620.50	5.0000	632.06	52.422	12.481	20	-0.22	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	630.76	29.460	632.06	52.422	12.481	20	-0.02	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	642.75	3.9000	632.06	52.422	12.481	20	0.20	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	644.55	6.5900	632.06	52.422	12.481	20	0.24	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0425	650.95	0.50000	632.06	52.422	12.481	20	0.36	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	651.95	14.500	632.06	52.422	12.481	20	0.38	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	669.04	1.4700	632.06	52.422	12.481	20	0.71	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	677.50	41.000	632.06	52.422	12.481	20	0.87	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2089	687.75	47.080	632.06	52.422	12.481	20	1.06	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	688.00	10.000	632.06	52.422	12.481	20	1.07	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0512	689.55	48.700	632.06	52.422	12.481	20	1.10	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0004	722.00	2.0000	632.06	52.422	12.481	20	1.72	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	650.90	121.20	632.06	52.422	12.481	20	0.36	1%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	475.90	19.600	620.70	37.595	18.205	19	-3.85	12%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	560.45	16.700	620.70	37.595	18.205	19	-1.60	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	594.00	36.000	620.70	37.595	18.205	19	-0.71	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	596.00	4.4000	620.70	37.595	18.205	19	-0.66	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	596.50	5.0000	620.70	37.595	18.205	19	-0.64	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	599.50	27.000	620.70	37.595	18.205	19	-0.56	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	607.00	40.000	620.70	37.595	18.205	19	-0.36	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	607.49	4.9800	620.70	37.595	18.205	19	-0.35	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	610.00	6.0000	620.70	37.595	18.205	19	-0.28	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	611.50	7.0000	620.70	37.595	18.205	19	-0.24	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0160	628.70	12.490	620.70	37.595	18.205	19	0.21	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	629.45	1.7000	620.70	37.595	18.205	19	0.23	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	634.00	2.0000	620.70	37.595	18.205	19	0.35	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	635.00	42.000	620.70	37.595	18.205	19	0.38	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	637.65	3.1100	620.70	37.595	18.205	19	0.45	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	662.76	19.120	620.70	37.595	18.205	19	1.12	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	663.10	31.800	620.70	37.595	18.205	19	1.13	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	675.00	54.000	620.70	37.595	18.205	19	1.44	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	679.50	13.000	620.70	37.595	18.205	19	1.56	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	505.50	17.000	636.48	27.194	14.566	15	-4.82	10%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	601.00	14.000	636.48	27.194	14.566	15	-1.30	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	607.41	20.460	636.48	27.194	14.566	15	-1.07	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0644	617.00	0.00000	636.48	27.194	14.566	15	-0.72	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	629.76	12.980	636.48	27.194	14.566	15	-0.25	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	632.50	1.0000	636.48	27.194	14.566	15	-0.15	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0034	639.15	26.700	636.48	27.194	14.566	15	0.10	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	640.50	3.0000	636.48	27.194	14.566	15	0.15	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	642.00	0.00000	636.48	27.194	14.566	15	0.20	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	643.50	18.200	636.48	27.194	14.566	15	0.26	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	645.59	7.1430	636.48	27.194	14.566	15	0.34	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	648.00	4.0000	636.48	27.194	14.566	15	0.42	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	650.50	7.0000	636.48	27.194	14.566	15	0.52	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	711.50	37.000	636.48	27.194	14.566	15	2.76	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	756.00	50.000	636.48	27.194	14.566	15	4.40	9%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	0.00000	0.00000	636.48	27.194	14.566	15	-23.40	50%	4
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	635.50	27.000			16.500	2			0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0955	639.00	6.0000			16.500	2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0555	642.50	5.0000			7.5000	2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	2110	655.00	10.000			7.5000	2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0199	647.95	3.9000			13.950	2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	686.00	24.000			13.950	2			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	613.50	7.0000			22.000	2			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	674.50	37.000			22.000	2			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	3.4500	0.10000			0.08350	2			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	4.5595	0.06700			0.08350	2			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	4.2950	0.33000	4.6200	0.28200	0.32000	3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	4.7650	0.63000	4.6200	0.28200	0.32000	3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	4.8000	0.00000	4.6200	0.28200	0.32000	3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	4.5500	0.10000	4.7343	0.24111	0.06583	6	-0.76	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	4.5900	0.00000	4.7343	0.24111	0.06583	6	-0.60	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	4.5900	0.08000	4.7343	0.24111	0.06583	6	-0.60	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	4.6672	0.00570	4.7343	0.24111	0.06583	6	-0.28	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	5.0000	0.20000	4.7343	0.24111	0.06583	6	1.10	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	5.0088	0.00930	4.7343	0.24111	0.06583	6	1.14	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0021	2.2000	4.4000	4.7343	0.24111	0.06583	6	-10.51	27%	4
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0555	4.6000	0.60000			0.60000	1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	4.0980	2.2460	4.7899	0.61536	0.79103	3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	4.3548	0.03710	4.7899	0.61536	0.79103	3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	5.2250	0.09000	4.7899	0.61536	0.79103	3			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	9.7050	0.01000			0.01000	1			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0555	9.9000	0.20000			0.20000	1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	9.1226	0.23150			0.23150	1			0
041.43	Vanadium, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000			0.00000	0			4
041.52	Vanadium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.90000	0.18000			0.18000	1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.5350	0.13000			0.13000	1			0
042.00	Chloride, Titrimetric (%)	0297	2.5550	0.03000			0.03000	1			0
042.99	Chloride, Miscellaneous (%)	0613	2.3400	0.08000			0.08000	1			0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0043	224.00	2.4000	267.59	30.464	15.478	6	-1.43	8%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0964	245.85	11.431	267.59	30.464	15.478	6	-0.71	4%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0218	277.28	17.533	267.59	30.464	15.478	6	0.32	2%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0035	278.63	12.760	267.59	30.464	15.478	6	0.36	2%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0027	286.27	17.745	267.59	30.464	15.478	6	0.61	3%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0148	293.50	31.000	267.59	30.464	15.478	6	0.85	5%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0613	228.75	2.0100	260.03	22.313	7.1322	9	-1.40	6%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0038	243.55	22.100	260.03	22.313	7.1322	9	-0.74	3%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0917	247.50	13.000	260.03	22.313	7.1322	9	-0.56	2%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0675	253.89	6.6800	260.03	22.313	7.1322	9	-0.27	1%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0010	262.35	0.00000	260.03	22.313	7.1322	9	0.10	0%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0033	263.00	4.0000	260.03	22.313	7.1322	9	0.13	1%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0036	265.60	8.8000	260.03	22.313	7.1322	9	0.25	1%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0001	282.10	0.20000	260.03	22.313	7.1322	9	0.99	4%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0032	310.40	7.4000	260.03	22.313	7.1322	9	2.26	10%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0512	232.75	98.100	260.03	22.313	7.1322	9	-1.22	5%	1
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0590	214.00	0.00000	235.69	17.835	3.0639	7	-1.22	5%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0629	220.00	0.00000	235.69	17.835	3.0639	7	-0.88	3%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0035	225.58	1.5300	235.69	17.835	3.0639	7	-0.57	2%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0036	239.70	0.60000	235.69	17.835	3.0639	7	0.22	1%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0027	248.30	3.4172	235.69	17.835	3.0639	7	0.71	3%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	2053	248.50	7.0000	235.69	17.835	3.0639	7	0.72	3%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0218	253.75	8.9000	235.69	17.835	3.0639	7	1.01	4%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0043	249.86	41.152	235.69	17.835	3.0639	7	0.79	3%	1
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0013	231.50	3.0000	250.27	4.7362	11.122	8	-3.96	4%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0033	246.50	9.0000	250.27	4.7362	11.122	8	-0.80	1%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0010	248.00	0.00000	250.27	4.7362	11.122	8	-0.48	0%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0032	250.50	3.0000	250.27	4.7362	11.122	8	0.05	0%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0001	251.50	7.0000	250.27	4.7362	11.122	8	0.26	0%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0964	253.00	6.3760	250.27	4.7362	11.122	8	0.58	1%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0014	253.50	23.000	250.27	4.7362	11.122	8	0.68	1%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0038	256.00	37.600	250.27	4.7362	11.122	8	1.21	1%	0
061.99	Lasalocid Sodium, Miscellaneous (mg / kg (ppm))	0553	201.76	23.300	236.14	30.307	22.200	3			0
061.99	Lasalocid Sodium, Miscellaneous (mg / kg (ppm))	0610	247.65	3.3000	236.14	30.307	22.200	3			0
061.99	Lasalocid Sodium, Miscellaneous (mg / kg (ppm))	2055	259.00	40.000	236.14	30.307	22.200	3			0
064.01	Melengestrol Acetate, LC (mg / kg (ppm))	2053	2.2500	0.30000			0.30000	1			0
065.00	Monensin, Plate (mg / kg (ppm))	0043	417.40	2.6000	423.99	9.3126	15.820	3			0
065.00	Monensin, Plate (mg / kg (ppm))	0964	422.70	40.179	423.99	9.3126	15.820	3			0
065.00	Monensin, Plate (mg / kg (ppm))	0035	430.57	4.6800	423.99	9.3126	15.820	3			0
065.03	Monensin, LC (mg / kg (ppm))	0013	385.50	61.000	416.24	22.759	20.215	10	-1.35	4%	0
065.03	Monensin, LC (mg / kg (ppm))	0904	385.86	4.6500	416.24	22.759	20.215	10	-1.33	4%	0
065.03	Monensin, LC (mg / kg (ppm))	0038	409.10	66.600	416.24	22.759	20.215	10	-0.31	1%	0
065.03	Monensin, LC (mg / kg (ppm))	0668	415.65	21.300	416.24	22.759	20.215	10	-0.03	0%	0
065.03	Monensin, LC (mg / kg (ppm))	0148	416.90	0.40000	416.24	22.759	20.215	10	0.03	0%	0
065.03	Monensin, LC (mg / kg (ppm))	0629	418.00	0.00000	416.24	22.759	20.215	10	0.08	0%	0
065.03	Monensin, LC (mg / kg (ppm))	2053	419.50	5.0000	416.24	22.759	20.215	10	0.14	0%	0
065.03	Monensin, LC (mg / kg (ppm))	0001	423.50	17.000	416.24	22.759	20.215	10	0.32	1%	0
065.03	Monensin, LC (mg / kg (ppm))	0905	438.00	0.00000	416.24	22.759	20.215	10	0.96	3%	0
065.03	Monensin, LC (mg / kg (ppm))	0613	574.10	26.200	416.24	22.759	20.215	10	6.94	19%	0
065.04	Monensin, LC-PCD (mg / kg (ppm))	0036	403.85	1.5000	411.49	5.9511	5.8283	4	-1.28	1%	0
065.04	Monensin, LC-PCD (mg / kg (ppm))	0218	410.88	9.1630	411.49	5.9511	5.8283	4	-0.10	0%	0
065.04	Monensin, LC-PCD (mg / kg (ppm))	0032	413.00	8.0000	411.49	5.9511	5.8283	4	0.25	0%	0
065.04	Monensin, LC-PCD (mg / kg (ppm))	0009	418.22	4.6500	411.49	5.9511	5.8283	4	1.13	1%	0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0033	348.50	3.0000	409.19	51.228	15.406	5	-1.18	7%	0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0668	401.90	17.600	409.19	51.228	15.406	5	-0.14	1%	0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0610	412.95	0.30000	409.19	51.228	15.406	5	0.07	0%	0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	2055	449.50	49.000	409.19	51.228	15.406	5	0.79	5%	0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0553	473.40	7.1300	409.19	51.228	15.406	5	1.25	8%	0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0036	0.00000	0.00000			0.00000	0			4
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	1,270.0	20.000			20.000	1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	1,070.0	60.000			60.000	1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	77.100	5.6000			5.6000	1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	10.650	0.10000			0.10000	1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	4.5000	1.0000			1.0000	1			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	1.3000	0.04000			0.04000	1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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106.00	Vitamin A, Color (KU / kg)	0019	41.665	1.7100			1.7100	1			0
106.01	Vitamin A, UV (KU / kg)	0098	36.000	0.80000			0.80000	1			0
106.02	Vitamin A, LC (KU / kg)	0861	23.200	10.800	42.849	13.503	5.3265	22	-1.46	23%	0
106.02	Vitamin A, LC (KU / kg)	2053	28.600	8.2000	42.849	13.503	5.3265	22	-1.06	17%	0
106.02	Vitamin A, LC (KU / kg)	0227	28.900	1.4000	42.849	13.503	5.3265	22	-1.03	16%	0
106.02	Vitamin A, LC (KU / kg)	0027	29.901	6.6404	42.849	13.503	5.3265	22	-0.96	15%	0
106.02	Vitamin A, LC (KU / kg)	0904	30.670	0.00000	42.849	13.503	5.3265	22	-0.90	14%	0
106.02	Vitamin A, LC (KU / kg)	2004	32.450	0.70000	42.849	13.503	5.3265	22	-0.77	12%	0
106.02	Vitamin A, LC (KU / kg)	0941	34.000	6.6200	42.849	13.503	5.3265	22	-0.66	10%	0
106.02	Vitamin A, LC (KU / kg)	0610	36.550	15.300	42.849	13.503	5.3265	22	-0.47	7%	0
106.02	Vitamin A, LC (KU / kg)	0003	38.500	1.0000	42.849	13.503	5.3265	22	-0.32	5%	0
106.02	Vitamin A, LC (KU / kg)	2103	40.980	3.8400	42.849	13.503	5.3265	22	-0.14	2%	0
106.02	Vitamin A, LC (KU / kg)	0208	41.116	5.5110	42.849	13.503	5.3265	22	-0.13	2%	0
106.02	Vitamin A, LC (KU / kg)	0004	42.515	1.6500	42.849	13.503	5.3265	22	-0.02	0%	0
106.02	Vitamin A, LC (KU / kg)	0563	44.569	0.46570	42.849	13.503	5.3265	22	0.13	2%	0
106.02	Vitamin A, LC (KU / kg)	2068	46.420	0.23900	42.849	13.503	5.3265	22	0.26	4%	0
106.02	Vitamin A, LC (KU / kg)	0148	46.680	2.6600	42.849	13.503	5.3265	22	0.28	4%	0
106.02	Vitamin A, LC (KU / kg)	0905	49.060	6.9660	42.849	13.503	5.3265	22	0.46	7%	0
106.02	Vitamin A, LC (KU / kg)	0676	51.450	8.5000	42.849	13.503	5.3265	22	0.64	10%	0
106.02	Vitamin A, LC (KU / kg)	0010	51.915	3.7500	42.849	13.503	5.3265	22	0.67	11%	0
106.02	Vitamin A, LC (KU / kg)	0014	55.900	13.000	42.849	13.503	5.3265	22	0.97	15%	0
106.02	Vitamin A, LC (KU / kg)	0675	67.700	9.5400	42.849	13.503	5.3265	22	1.84	29%	0
106.02	Vitamin A, LC (KU / kg)	0169	90.500	7.0000	42.849	13.503	5.3265	22	3.53	56%	0
106.02	Vitamin A, LC (KU / kg)	0555	202.80	3.4000	42.849	13.503	5.3265	22	11.85	187%	0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	21.000	2.0000			2.0000	1			0
108.02	Vitamin D3, LC (KU / kg)	0160	1.1233	0.20650	2.9958	1.4290	1.0833	5	-1.31	31%	0
108.02	Vitamin D3, LC (KU / kg)	0227	2.9000	0.16000	2.9958	1.4290	1.0833	5	-0.07	2%	0
108.02	Vitamin D3, LC (KU / kg)	0610	3.4000	1.6000	2.9958	1.4290	1.0833	5	0.28	7%	0
108.02	Vitamin D3, LC (KU / kg)	0208	4.5600	3.0600	2.9958	1.4290	1.0833	5	1.09	26%	0
108.02	Vitamin D3, LC (KU / kg)	0675	19.855	0.39000	2.9958	1.4290	1.0833	5	11.80	281%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	3.8450	0.11000			0.11000	1			0
109.02	Vitamin E, LC (IU/kg)	0555	3.8000	0.40000	83.531	11.391	3.3783	19	-7.00	48%	0
109.02	Vitamin E, LC (IU/kg)	2068	60.500	1.0000	83.531	11.391	3.3783	19	-2.02	14%	0
109.02	Vitamin E, LC (IU/kg)	0904	73.900	4.6600	83.531	11.391	3.3783	19	-0.85	6%	0
109.02	Vitamin E, LC (IU/kg)	0148	74.435	6.5100	83.531	11.391	3.3783	19	-0.80	5%	0
109.02	Vitamin E, LC (IU/kg)	0675	78.420	0.86000	83.531	11.391	3.3783	19	-0.45	3%	0
109.02	Vitamin E, LC (IU/kg)	0208	79.537	4.5550	83.531	11.391	3.3783	19	-0.35	2%	0
109.02	Vitamin E, LC (IU/kg)	0027	80.093	1.8630	83.531	11.391	3.3783	19	-0.30	2%	0
109.02	Vitamin E, LC (IU/kg)	0905	81.000	4.0000	83.531	11.391	3.3783	19	-0.22	2%	0
109.02	Vitamin E, LC (IU/kg)	0861	82.000	14.000	83.531	11.391	3.3783	19	-0.13	1%	0
109.02	Vitamin E, LC (IU/kg)	0098	82.150	1.7000	83.531	11.391	3.3783	19	-0.12	1%	0
109.02	Vitamin E, LC (IU/kg)	0036	82.300	3.6000	83.531	11.391	3.3783	19	-0.11	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
109.02	Vitamin E, LC (IU/kg)	0941	83.615	5.1500	83.531	11.391	3.3783	19	0.01	0%	0
109.02	Vitamin E, LC (IU/kg)	2103	85.700	6.4000	83.531	11.391	3.3783	19	0.19	1%	0
109.02	Vitamin E, LC (IU/kg)	0227	88.150	1.7000	83.531	11.391	3.3783	19	0.41	3%	0
109.02	Vitamin E, LC (IU/kg)	0676	89.250	2.1000	83.531	11.391	3.3783	19	0.50	3%	0
109.02	Vitamin E, LC (IU/kg)	0610	92.500	3.0000	83.531	11.391	3.3783	19	0.79	5%	0
109.02	Vitamin E, LC (IU/kg)	0563	99.918	0.68960	83.531	11.391	3.3783	19	1.44	10%	0
109.02	Vitamin E, LC (IU/kg)	0169	102.00	2.0000	83.531	11.391	3.3783	19	1.62	11%	0
109.02	Vitamin E, LC (IU/kg)	0590	135.20	0.00000	83.531	11.391	3.3783	19	4.54	31%	0
109.02	Vitamin E, LC (IU/kg)	0038	325.57	23.260	83.531	11.391	3.3783	19	21.25	145%	1
109.99	Vitamin E, Miscellaneous (IU/kg)	0171	76.000	2.0000			2.0000	1			0
112.01	Pyridoxine, LC (µg / g)	0227	4.9300	0.14000			0.14000	1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	0.96650	0.00100			0.00100	1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.27550	0.00300			0.00300	1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0505	3.9100	0.04000	4.1608	0.17904	0.07120	5	-1.40	3%	0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0512	4.1980	0.00600	4.1608	0.17904	0.07120	5	0.21	0%	0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0033	4.2000	0.00000	4.1608	0.17904	0.07120	5	0.22	0%	0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0035	4.3350	0.01000	4.1608	0.17904	0.07120	5	0.97	2%	0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0098	26.450	0.30000	4.1608	0.17904	0.07120	5	124.49	268%	0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0003	25.750	1.1000	4.1608	0.17904	0.07120	5	120.58	259%	1
115.99	Non Protein N (NPN), Miscellaneous (%)	0904	4.3450	0.11000	4.3975	0.07425	0.75667	3			0
115.99	Non Protein N (NPN), Miscellaneous (%)	0676	4.4500	0.06000	4.3975	0.07425	0.75667	3			0
115.99	Non Protein N (NPN), Miscellaneous (%)	0027	23.370	2.1000	4.3975	0.07425	0.75667	3			0
120.00	Alanine, Post-col Ninhydrin Der (%)	2022	0.61500	0.01000	0.64394	0.01619	0.01460	12	-1.79	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.63000	0.04000	0.64394	0.01619	0.01460	12	-0.86	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.63450	0.00100	0.64394	0.01619	0.01460	12	-0.58	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.63500	0.01000	0.64394	0.01619	0.01460	12	-0.55	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.63500	0.03000	0.64394	0.01619	0.01460	12	-0.55	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.64000	0.00000	0.64394	0.01619	0.01460	12	-0.24	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.64500	0.01000	0.64394	0.01619	0.01460	12	0.07	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.65100	0.00000	0.64394	0.01619	0.01460	12	0.44	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.65200	0.00400	0.64394	0.01619	0.01460	12	0.50	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.65250	0.01300	0.64394	0.01619	0.01460	12	0.53	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.66440	0.01720	0.64394	0.01619	0.01460	12	1.26	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.72100	0.04000	0.64394	0.01619	0.01460	12	4.76	6%	0
120.01	Alanine, Pre-col OPA Der (%)	0297	0.59200	0.01400			0.01400	1			0
120.02	Alanine, Post-col OPA Der (%)	0098	0.66600	0.00000			0.00000	1			0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.59400	0.00200			0.00200	1			0
120.99	Alanine, Miscellaneous (%)	0904	0.66000	0.04000			0.04000	1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	0.71500	0.01000	0.74940	0.03050	0.01079	12	-1.13	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2022	0.71500	0.01000	0.74940	0.03050	0.01079	12	-1.13	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	0.72400	0.00600	0.74940	0.03050	0.01079	12	-0.83	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.72500	0.01000	0.74940	0.03050	0.01079	12	-0.80	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.73000	0.00000	0.74940	0.03050	0.01079	12	-0.64	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.74500	0.03000	0.74940	0.03050	0.01079	12	-0.14	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	0.76050	0.00900	0.74940	0.03050	0.01079	12	0.36	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	0.76500	0.01000	0.74940	0.03050	0.01079	12	0.51	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.76750	0.00500	0.74940	0.03050	0.01079	12	0.59	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	0.77485	0.03350	0.74940	0.03050	0.01079	12	0.83	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	0.78400	0.00400	0.74940	0.03050	0.01079	12	1.13	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.78700	0.00200	0.74940	0.03050	0.01079	12	1.23	3%	0
121.01	Arginine, Pre-col OPA Der (%)	0297	0.81750	0.01300			0.01300	1			0
121.02	Arginine, Post-col OPA Der (%)	0098	0.76100	0.01000			0.01000	1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	0.85400	0.01200			0.01200	1			0
121.99	Arginine, Miscellaneous (%)	0904	0.88000	0.04000			0.04000	1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2022	0.87000	0.02000	0.92145	0.02664	0.01550	12	-1.93	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	0.90000	0.04000	0.92145	0.02664	0.01550	12	-0.81	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	0.90050	0.00100	0.92145	0.02664	0.01550	12	-0.79	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	0.90500	0.01000	0.92145	0.02664	0.01550	12	-0.62	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	0.91500	0.01000	0.92145	0.02664	0.01550	12	-0.24	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	0.91900	0.00000	0.92145	0.02664	0.01550	12	-0.09	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	0.92450	0.00700	0.92145	0.02664	0.01550	12	0.11	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	0.92500	0.01000	0.92145	0.02664	0.01550	12	0.13	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	0.93000	0.04000	0.92145	0.02664	0.01550	12	0.32	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	0.93800	0.00200	0.92145	0.02664	0.01550	12	0.62	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	0.95750	0.01100	0.92145	0.02664	0.01550	12	1.35	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	0.98250	0.03500	0.92145	0.02664	0.01550	12	2.29	3%	0
122.01	Aspartic, Pre-col OPA Der (%)	0297	0.92850	0.02100			0.02100	1			0
122.02	Aspartic, Post-col OPA Der (%)	0098	0.94700	0.00400			0.00400	1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	0.98700	0.00000			0.00000	1			0
122.99	Aspartic, Miscellaneous (%)	0904	0.43500	0.01000			0.01000	1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2022	0.21000	0.00000	0.24557	0.02241	0.00776	11	-1.59	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0227	0.22500	0.01000	0.24557	0.02241	0.00776	11	-0.92	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0504	0.23000	0.02000	0.24557	0.02241	0.00776	11	-0.69	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0675	0.23000	0.00000	0.24557	0.02241	0.00776	11	-0.69	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0968	0.23850	0.00100	0.24557	0.02241	0.00776	11	-0.32	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0918	0.25080	0.00240	0.24557	0.02241	0.00776	11	0.23	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0684	0.25450	0.01500	0.24557	0.02241	0.00776	11	0.40	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0571	0.25800	0.00800	0.24557	0.02241	0.00776	11	0.55	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0652	0.26000	0.02000	0.24557	0.02241	0.00776	11	0.64	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2059	0.26750	0.00500	0.24557	0.02241	0.00776	11	0.98	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0872	0.27500	0.00400	0.24557	0.02241	0.00776	11	1.31	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0941	0.21000	0.08000	0.24557	0.02241	0.00776	11	-1.59	7%	1
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0297	0.23150	0.00500			0.00500	1			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.22600	0.01400			0.01400	1			0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.24400	0.01000			0.01000	1			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0904	0.31500	0.05000			0.05000	1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	2.1550	0.01000	2.2426	0.04599	0.02707	11	-1.91	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.2130	0.01000	2.2426	0.04599	0.02707	11	-0.64	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.2150	0.09000	2.2426	0.04599	0.02707	11	-0.60	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.2170	0.02400	2.2426	0.04599	0.02707	11	-0.56	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.2205	0.03500	2.2426	0.04599	0.02707	11	-0.48	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.2350	0.01000	2.2426	0.04599	0.02707	11	-0.17	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.2450	0.01000	2.2426	0.04599	0.02707	11	0.05	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	2.2731	0.07780	2.2426	0.04599	0.02707	11	0.66	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.2800	0.02000	2.2426	0.04599	0.02707	11	0.81	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2022	2.2850	0.01000	2.2426	0.04599	0.02707	11	0.92	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.3295	0.00100	2.2426	0.04599	0.02707	11	1.89	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	2.5315	0.17100	2.2426	0.04599	0.02707	11	6.28	6%	1
125.01	Glutamic, Pre-col OPA Der (%)	0297	2.1645	0.00100			0.00100	1			0
125.02	Glutamic, Post-col OPA Der (%)	0098	2.1990	0.02200			0.02200	1			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	2.2845	0.00100			0.00100	1			0
125.99	Glutamic, Miscellaneous (%)	0904	1.4250	0.03000			0.03000	1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	2022	0.59000	0.02000	0.60598	0.01407	0.01195	12	-1.14	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.59500	0.01000	0.60598	0.01407	0.01195	12	-0.78	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.59500	0.03000	0.60598	0.01407	0.01195	12	-0.78	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.59500	0.01000	0.60598	0.01407	0.01195	12	-0.78	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.59500	0.01000	0.60598	0.01407	0.01195	12	-0.78	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.60350	0.00700	0.60598	0.01407	0.01195	12	-0.18	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.60420	0.00340	0.60598	0.01407	0.01195	12	-0.13	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.61300	0.00600	0.60598	0.01407	0.01195	12	0.50	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.61500	0.01000	0.60598	0.01407	0.01195	12	0.64	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.61800	0.00200	0.60598	0.01407	0.01195	12	0.85	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.62100	0.00800	0.60598	0.01407	0.01195	12	1.07	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.63650	0.02700	0.60598	0.01407	0.01195	12	2.17	3%	0
126.01	Glycine, Pre-col OPA Der (%)	0297	0.56450	0.02100			0.02100	1			0
126.02	Glycine, Post-col OPA Der (%)	0098	0.61200	0.00200			0.00200	1			0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.63150	0.00300			0.00300	1			0
126.99	Glycine, Miscellaneous (%)	0904	0.61000	0.04000			0.04000	1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	2022	0.29000	0.00000	0.31728	0.01868	0.00867	11	-1.46	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.29200	0.00200	0.31728	0.01868	0.00867	11	-1.35	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.30600	0.00200	0.31728	0.01868	0.00867	11	-0.60	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.31000	0.02000	0.31728	0.01868	0.00867	11	-0.39	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.32050	0.01500	0.31728	0.01868	0.00867	11	0.17	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.32150	0.00100	0.31728	0.01868	0.00867	11	0.23	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.32480	0.00940	0.31728	0.01868	0.00867	11	0.40	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.32500	0.01000	0.31728	0.01868	0.00867	11	0.41	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.32500	0.01000	0.31728	0.01868	0.00867	11	0.41	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.33000	0.00000	0.31728	0.01868	0.00867	11	0.68	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.34700	0.02600	0.31728	0.01868	0.00867	11	1.59	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.37500	0.05000	0.31728	0.01868	0.00867	11	3.09	9%	1
127.01	Histidine, Pre-col OPA Der (%)	0297	0.50650	0.01700			0.01700	1			0
127.02	Histidine, Post-col OPA Der (%)	0098	0.31850	0.00100			0.00100	1			0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.31650	0.00300			0.00300	1			0
127.99	Histidine, Miscellaneous (%)	0904	0.32500	0.03000			0.03000	1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	0.35000	0.02000	0.41079	0.01734	0.01118	12	-3.51	7%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.39500	0.01000	0.41079	0.01734	0.01118	12	-0.91	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.39800	0.01600	0.41079	0.01734	0.01118	12	-0.74	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.40000	0.02000	0.41079	0.01734	0.01118	12	-0.62	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.40350	0.00300	0.41079	0.01734	0.01118	12	-0.42	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.41050	0.00700	0.41079	0.01734	0.01118	12	-0.02	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.41350	0.00300	0.41079	0.01734	0.01118	12	0.16	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.41500	0.01000	0.41079	0.01734	0.01118	12	0.24	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.42000	0.00000	0.41079	0.01734	0.01118	12	0.53	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.42100	0.00200	0.41079	0.01734	0.01118	12	0.59	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.43140	0.01320	0.41079	0.01734	0.01118	12	1.19	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.46500	0.03000	0.41079	0.01734	0.01118	12	3.13	7%	0
128.01	Isoleucine, Pre-col OPA Der (%)	0297	0.36100	0.01200			0.01200	1			0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.42900	0.00800			0.00800	1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.38850	0.00700			0.00700	1			0
128.99	Isoleucine, Miscellaneous (%)	0904	0.43500	0.03000			0.03000	1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	0.85000	0.00000	0.88252	0.01993	0.01863	12	-1.63	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	0.86400	0.00400	0.88252	0.01993	0.01863	12	-0.93	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	0.87000	0.00000	0.88252	0.01993	0.01863	12	-0.63	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	0.87150	0.00900	0.88252	0.01993	0.01863	12	-0.55	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	0.87500	0.01000	0.88252	0.01993	0.01863	12	-0.38	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2022	0.87500	0.01000	0.88252	0.01993	0.01863	12	-0.38	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	0.88100	0.01000	0.88252	0.01993	0.01863	12	-0.08	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	0.89500	0.01000	0.88252	0.01993	0.01863	12	0.63	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	0.89650	0.00500	0.88252	0.01993	0.01863	12	0.70	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	0.89720	0.02560	0.88252	0.01993	0.01863	12	0.74	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	0.90000	0.06000	0.88252	0.01993	0.01863	12	0.88	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	0.95400	0.08000	0.88252	0.01993	0.01863	12	3.59	4%	0
129.01	Leucine, Pre-col OPA Der (%)	0297	0.76900	0.01800			0.01800	1			0
129.02	Leucine, Post-col OPA Der (%)	0098	0.91150	0.01700			0.01700	1			0
129.05	Leucine, Pre-col AQC Der (%)	0626	0.87850	0.00300			0.00300	1			0
129.99	Leucine, Miscellaneous (%)	0904	0.83500	0.01000			0.01000	1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.48000	0.00000	0.50460	0.02177	0.01262	12	-1.13	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2022	0.48000	0.02000	0.50460	0.02177	0.01262	12	-1.13	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.48500	0.01000	0.50460	0.02177	0.01262	12	-0.90	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.49650	0.00500	0.50460	0.02177	0.01262	12	-0.37	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.50100	0.00600	0.50460	0.02177	0.01262	12	-0.17	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.50250	0.00700	0.50460	0.02177	0.01262	12	-0.10	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.50370	0.01140	0.50460	0.02177	0.01262	12	-0.04	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.50500	0.00200	0.50460	0.02177	0.01262	12	0.02	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.50700	0.04000	0.50460	0.02177	0.01262	12	0.11	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.52000	0.00000	0.50460	0.02177	0.01262	12	0.71	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.56500	0.03000	0.50460	0.02177	0.01262	12	2.77	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.59000	0.02000	0.50460	0.02177	0.01262	12	3.92	8%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0297	0.49800	0.01400			0.01400	1			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.52450	0.01900			0.01900	1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.53850	0.00300			0.00300	1			0
130.99	L-Lysine, Miscellaneous (%)	0904	0.45500	0.01000			0.01000	1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2022	0.14000	0.00000	0.18526	0.02372	0.00693	12	-1.91	12%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.15500	0.01000	0.18526	0.02372	0.00693	12	-1.28	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.17000	0.00000	0.18526	0.02372	0.00693	12	-0.64	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.17500	0.01000	0.18526	0.02372	0.00693	12	-0.43	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.18100	0.00400	0.18526	0.02372	0.00693	12	-0.18	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.18350	0.00900	0.18526	0.02372	0.00693	12	-0.07	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.18600	0.00600	0.18526	0.02372	0.00693	12	0.03	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.18850	0.00100	0.18526	0.02372	0.00693	12	0.14	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.20400	0.00400	0.18526	0.02372	0.00693	12	0.79	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.20500	0.01000	0.18526	0.02372	0.00693	12	0.83	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.21000	0.02000	0.18526	0.02372	0.00693	12	1.04	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.21540	0.00920	0.18526	0.02372	0.00693	12	1.27	8%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	0297	0.17300	0.00400			0.00600	2			0
131.01	Methionine, PAO Pre-col OPA Der (%)	0676	0.20400	0.00800			0.00600	2			0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.17550	0.00700			0.00700	1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.18400	0.00600			0.00600	1			0
131.99	Methionine, Miscellaneous (%)	0904	0.15000	0.00000			0.00000	1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.48850	0.01100	0.51054	0.01436	0.01065	12	-1.53	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.49200	0.02180	0.51054	0.01436	0.01065	12	-1.29	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.50150	0.00100	0.51054	0.01436	0.01065	12	-0.63	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.50500	0.01000	0.51054	0.01436	0.01065	12	-0.39	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.50500	0.01000	0.51054	0.01436	0.01065	12	-0.39	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.50950	0.00100	0.51054	0.01436	0.01065	12	-0.07	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.51500	0.03000	0.51054	0.01436	0.01065	12	0.31	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2022	0.51500	0.01000	0.51054	0.01436	0.01065	12	0.31	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.51700	0.00200	0.51054	0.01436	0.01065	12	0.45	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.52250	0.00100	0.51054	0.01436	0.01065	12	0.83	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.52500	0.01000	0.51054	0.01436	0.01065	12	1.01	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.53000	0.02000	0.51054	0.01436	0.01065	12	1.35	2%	0
132.01	Phenylalanine, Pre-col OPA Der (%)	0297	0.53950	0.01300			0.01300	1			0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.51700	0.00200			0.00200	1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.51000	0.00400			0.00400	1			0
132.99	Phenylalanine, Miscellaneous (%)	0904	0.53000	0.02000			0.02000	1			0
133.00	Proline, Post-col Ninhydrin Der (%)	2022	0.71000	0.02000	0.81287	0.04222	0.02358	12	-2.44	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.77500	0.01000	0.81287	0.04222	0.02358	12	-0.90	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.78200	0.00200	0.81287	0.04222	0.02358	12	-0.73	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	0.79500	0.03000	0.81287	0.04222	0.02358	12	-0.42	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	0.79690	0.02500	0.81287	0.04222	0.02358	12	-0.38	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.80000	0.04000	0.81287	0.04222	0.02358	12	-0.30	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.81300	0.00400	0.81287	0.04222	0.02358	12	0.00	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.81450	0.02500	0.81287	0.04222	0.02358	12	0.04	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	0.84500	0.01000	0.81287	0.04222	0.02358	12	0.76	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	0.85400	0.01200	0.81287	0.04222	0.02358	12	0.97	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	0.86450	0.05500	0.81287	0.04222	0.02358	12	1.22	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.86500	0.05000	0.81287	0.04222	0.02358	12	1.23	3%	0
133.05	Proline, Pre-col AQC Der (%)	0626	0.89400	0.03600			0.03600	1			0
133.99	Proline, Miscellaneous (%)	0904	0.79500	0.01000			0.01000	1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.52050	0.00500	0.53971	0.01449	0.01441	12	-1.33	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.52900	0.00600	0.53971	0.01449	0.01441	12	-0.74	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.53000	0.02000	0.53971	0.01449	0.01441	12	-0.67	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.53000	0.02000	0.53971	0.01449	0.01441	12	-0.67	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.53105	0.00590	0.53971	0.01449	0.01441	12	-0.60	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.53500	0.01000	0.53971	0.01449	0.01441	12	-0.32	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.54050	0.00900	0.53971	0.01449	0.01441	12	0.05	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.54500	0.01000	0.53971	0.01449	0.01441	12	0.37	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2022	0.54500	0.01000	0.53971	0.01449	0.01441	12	0.37	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.54900	0.01600	0.53971	0.01449	0.01441	12	0.64	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.56000	0.02000	0.53971	0.01449	0.01441	12	1.40	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.61450	0.04100	0.53971	0.01449	0.01441	12	5.16	7%	0
134.01	Serine, Pre-col OPA Der (%)	0297	0.61750	0.01100			0.01100	1			0
134.02	Serine, Post-col OPA Der (%)	0098	0.51350	0.00700			0.00700	1			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.59950	0.00100			0.00100	1			0
134.99	Serine, Miscellaneous (%)	0904	0.57000	0.02000			0.02000	1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	0.42500	0.01000	0.44497	0.01488	0.01202	12	-1.34	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.43150	0.00100	0.44497	0.01488	0.01202	12	-0.91	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.43500	0.01000	0.44497	0.01488	0.01202	12	-0.67	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.43900	0.00400	0.44497	0.01488	0.01202	12	-0.40	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.44000	0.02000	0.44497	0.01488	0.01202	12	-0.33	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.44000	0.00000	0.44497	0.01488	0.01202	12	-0.33	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.44150	0.01100	0.44497	0.01488	0.01202	12	-0.23	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.44950	0.00300	0.44497	0.01488	0.01202	12	0.30	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.45000	0.02000	0.44497	0.01488	0.01202	12	0.34	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.45360	0.00320	0.44497	0.01488	0.01202	12	0.58	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.47500	0.03000	0.44497	0.01488	0.01202	12	2.02	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.50500	0.03200	0.44497	0.01488	0.01202	12	4.03	7%	0
135.01	Threonine, Pre-col OPA Der (%)	0297	0.60050	0.00700			0.00700	1			0
135.02	Threonine, Post-col OPA Der (%)	0098	0.44450	0.00500			0.00500	1			0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.45650	0.01100			0.01100	1			0
135.99	Threonine, Miscellaneous (%)	0904	0.51000	0.02000			0.02000	1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.13295	0.00690	0.17849	0.03101	0.00473	4	-1.47	13%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.18500	0.01000	0.17849	0.03101	0.00473	4	0.21	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.19600	0.00200	0.17849	0.03101	0.00473	4	0.56	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.20000	0.00000	0.17849	0.03101	0.00473	4	0.69	6%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.14100	0.00200			0.00200	1			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.18000	0.01400			0.01400	1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.16650	0.00100	0.17767	0.01077	0.00200	3			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.17850	0.00300	0.17767	0.01077	0.00200	3			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0297	0.18800	0.00200	0.17767	0.01077	0.00200	3			0
136.99	Tryptophan, Miscellaneous (%)	0904	0.16500	0.03000			0.02000	2			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.19500	0.01000			0.02000	2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.33500	0.01000	0.38043	0.03120	0.00959	9	-1.46	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.34700	0.00200	0.38043	0.03120	0.00959	9	-1.07	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.35500	0.01000	0.38043	0.03120	0.00959	9	-0.82	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.39000	0.02000	0.38043	0.03120	0.00959	9	0.31	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.39450	0.01300	0.38043	0.03120	0.00959	9	0.45	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.39500	0.01000	0.38043	0.03120	0.00959	9	0.47	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.39550	0.00300	0.38043	0.03120	0.00959	9	0.48	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.39600	0.00400	0.38043	0.03120	0.00959	9	0.50	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.41585	0.01430	0.38043	0.03120	0.00959	9	1.14	5%	0
137.01	Tyrosine, Pre-col OPA Der (%)	0297	0.45400	0.01000			0.01000	1			0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.36500	0.04200			0.04200	1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.35550	0.01300			0.01300	1			0
137.99	Tyrosine, Miscellaneous (%)	0904	0.44500	0.03000			0.03000	1			0
138.00	Valine, Post-col Ninhydrin Der (%)	2022	0.51000	0.02000	0.56903	0.01543	0.01023	12	-3.83	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.54500	0.01000	0.56903	0.01543	0.01023	12	-1.56	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.56000	0.00000	0.56903	0.01543	0.01023	12	-0.59	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.56050	0.00700	0.56903	0.01543	0.01023	12	-0.55	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.56700	0.01200	0.56903	0.01543	0.01023	12	-0.13	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.57000	0.00000	0.56903	0.01543	0.01023	12	0.06	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.57500	0.01000	0.56903	0.01543	0.01023	12	0.39	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.57500	0.01000	0.56903	0.01543	0.01023	12	0.39	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.57750	0.00700	0.56903	0.01543	0.01023	12	0.55	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.58300	0.00600	0.56903	0.01543	0.01023	12	0.91	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.58360	0.01080	0.56903	0.01543	0.01023	12	0.94	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.58500	0.03000	0.56903	0.01543	0.01023	12	1.04	1%	0
138.01	Valine, Pre-col OPA Der (%)	0297	0.68100	0.02400			0.02400	1			0
138.02	Valine, Post-col OPA Der (%)	0098	0.59800	0.02800			0.02800	1			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.58000	0.00600			0.00600	1			0
138.99	Valine, Miscellaneous (%)	0904	0.62500	0.01000			0.01000	1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.06500	0.01000			0.01000	1			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000			0.00000	0			4
160.99	Fructose, Miscellaneous (%)	0227	0.21000	0.04000	0.31633	0.12166	0.01867	3			0
160.99	Fructose, Miscellaneous (%)	0889	0.29000	0.00000	0.31633	0.12166	0.01867	3			0
160.99	Fructose, Miscellaneous (%)	0297	0.44900	0.01600	0.31633	0.12166	0.01867	3			0
161.99	Galactose, Miscellaneous (%)	0297	0.00000	0.00000			0.00000	0			4
162.99	Glucose, Miscellaneous (%)	0227	0.21500	0.05000	0.30400	0.09382	0.03333	3			0
162.99	Glucose, Miscellaneous (%)	0889	0.29500	0.05000	0.30400	0.09382	0.03333	3			0
162.99	Glucose, Miscellaneous (%)	0297	0.40200	0.00000	0.30400	0.09382	0.03333	3			0
163.99	Lactose, Miscellaneous (%)	0297	0.00000	0.00000			0.00000	0			4
164.99	Maltose, Miscellaneous (%)	0297	0.49250	0.07100			0.07100	1			0
165.99	Sucrose, Miscellaneous (%)	0889	1.1150	0.01000	1.3735	0.26285	0.03967	3			0
165.99	Sucrose, Miscellaneous (%)	0227	1.3650	0.09000	1.3735	0.26285	0.03967	3			0
165.99	Sucrose, Miscellaneous (%)	0297	1.6405	0.01900	1.3735	0.26285	0.03967	3			0
166.99	Raffinose, Miscellaneous (%)	0227	0.46500	0.03000			0.01850	2			0
166.99	Raffinose, Miscellaneous (%)	0297	0.70850	0.00700			0.01850	2			0
167.99	Stachyose, Miscellaneous (%)	0227	0.14000	0.00000			0.02150	2			0
167.99	Stachyose, Miscellaneous (%)	0297	0.41850	0.04300			0.02150	2			0
361.04	Lasalocid sodium, residual, LC-MS/MS (µg / kg (p	0555	195.00	18.000			18.000	1			0
365.05	Monensin, residual, LC-MS/MS (µg / kg (ppb))	0555	400.50	17.000			17.000	1			0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.41100	0.00400	0.42475	0.01202	0.00230	3			0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.43000	0.00000	0.42475	0.01202	0.00230	3			0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.43325	0.00290	0.42475	0.01202	0.00230	3			0
400.99	Water activity, Miscellaneous (Units)	2073	0.42750	0.02300			0.02300	1			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	1.3150	0.01000			0.01000	1			0
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0964	1.5962	0.27390				1			0
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000				1			4
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0208	1.3750	0.19000			0.19500	2			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.5000	0.20000			0.19500	2			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0199	1.2400	0.06000	1.4198	0.14391	0.14196	5	-1.25	6%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	1.3850	0.43000	1.4198	0.14391	0.14196	5	-0.24	1%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	1.4125	0.04900	1.4198	0.14391	0.14196	5	-0.05	0%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	1.4350	0.13000	1.4198	0.14391	0.14196	5	0.11	1%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	1.5916	0.04080	1.4198	0.14391	0.14196	5	1.19	6%	0
518.31	Cadmium, AAS, Dry ash (mg / kg (ppm))	0689	0.08500	0.01000			0.01000	1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0968	0.20000	0.00000	0.23488	0.04932	0.01683	3			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.23500	0.05000	0.23488	0.04932	0.01683	3			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0011	0.26975	0.00050	0.23488	0.04932	0.01683	3			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000			0.00000	0			4
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.31800	0.02400			0.12200	2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.40000	0.22000			0.12200	2			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.32500	0.00000	0.36808	0.02882	0.02892	5	-1.49	6%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.36250	0.00300	0.36808	0.02882	0.02892	5	-0.19	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.37250	0.06300	0.36808	0.02882	0.02892	5	0.15	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.37540	0.04860	0.36808	0.02882	0.02892	5	0.25	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.40500	0.03000	0.36808	0.02882	0.02892	5	1.28	5%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	7.2000	0.80000			1.3748	2			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0011	9.8523	1.9495			1.3748	2			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	11.415	0.27000			0.67340	2			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0964	14.695	1.0768			0.67340	2			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000			0.67340	2			4
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0555	5.7000	2.8000			2.8000	1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	7.1740	0.94990			1.0750	2			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	12.700	1.2000			1.0750	2			0
520.99	Chromium, Miscellaneous (mg / kg (ppm))	0968	8.9630	0.94000			0.94000	1			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.54500	0.01000			0.01000	1			0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000			0.00000	0			4
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.79000	0.12000			0.06150	2			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.83250	0.00300			0.06150	2			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.69500	0.06400	0.72236	0.03612	0.04180	5	-0.76	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0199	0.69500	0.13000	0.72236	0.03612	0.04180	5	-0.76	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.69800	0.00600	0.72236	0.03612	0.04180	5	-0.67	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.76150	0.00900	0.72236	0.03612	0.04180	5	1.08	3%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.76230	0.00000	0.72236	0.03612	0.04180	5	1.11	3%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0555	0.12000	0.00000				1			0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0199	0.00000	0.00000				1			4
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0918	0.00000	0.00000				1			4
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0011	5.7255	0.13100			0.13100	1			0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0021	5.0000	0.80000			0.46255	2			0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0964	6.9477	0.12510			0.46255	2			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0555	3.8500	0.70000			0.70000	1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	4.1136	0.60910			0.61455	2			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	6.8200	0.62000			0.61455	2			0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.00700	0.00000			0.00000	1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.00700	0.00000			0.00000	1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	1.3805	0.02900			0.02900	1			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellane	0676	0.09100	0.00200			0.00200	1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellane	0676	0.00000	0.00000			0.00000	0			4
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0676	0.09000	0.00000			0.00000	1			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0676	1.3850	0.03000			0.03000	1			0

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 8 = Analyst data exempt and 4 = zeros submitted as values. Robust statistics not used if < 6 labs reporting, in this case the Z Scores may be included for information only (Grey, No Action!). Flag 9 indicates no statistics calculated for this dataset. To review the problem please see all submitted data for this test.