

AAFCO Check Sample Program

All Labs and All Methods Report

Sort by Method

Proficiency For Individual Methods

Sample # 201090

Alfalfa Pellets



AAFCO

Association of American Feed Control Officials

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
000.01	Urea, NPN, Urea + Am, Urease Methc	278	0.8000	0.0000			0.0000	1			
001.00	Loss on Drying, Vac 95 deg 5 hr	722	4.7709	0.1122	6.2305	0.5984	0.1565	8	-2.44	12%	0
001.00	Loss on Drying, Vac 95 deg 5 hr	560	5.4550	0.0100	6.2305	0.5984	0.1565	8	-1.30	6%	0
001.00	Loss on Drying, Vac 95 deg 5 hr	658	6.2350	0.1799	6.2305	0.5984	0.1565	8	0.01	0%	0
001.00	Loss on Drying, Vac 95 deg 5 hr	309	6.2400	0.2200	6.2305	0.5984	0.1565	8	0.02	0%	0
001.00	Loss on Drying, Vac 95 deg 5 hr	784	6.3400	0.2200	6.2305	0.5984	0.1565	8	0.18	1%	0
001.00	Loss on Drying, Vac 95 deg 5 hr	504	6.6200	0.3000	6.2305	0.5984	0.1565	8	0.65	3%	0
001.00	Loss on Drying, Vac 95 deg 5 hr	509	6.7250	0.1300	6.2305	0.5984	0.1565	8	0.83	4%	0
001.00	Loss on Drying, Vac 95 deg 5 hr	169	6.7900	0.0800	6.2305	0.5984	0.1565	8	0.94	4%	0
001.00	Loss on Drying, Vac 95 deg 5 hr	596	7.7500	1.9000	6.2305	0.5984	0.1565	8	2.54	12%	1
001.00	Loss on Drying, Vac 95 deg 5 hr	785	6.2100	0.1800	6.2305	0.5984	0.1565	8	-0.03	0%	8
001.00	Loss on Drying, Vac 95 deg 5 hr	783	6.2450	0.1500	6.2305	0.5984	0.1565	8	0.02	0%	8
001.03	Loss on Drying, Low temp. methods	727	5.4850	0.3500	6.3020	0.4743	0.1280	5	-1.72	6%	0
001.03	Loss on Drying, Low temp. methods	679	6.3500	0.1000	6.3020	0.4743	0.1280	5	0.10	0%	0
001.03	Loss on Drying, Low temp. methods	567	6.4500	0.1000	6.3020	0.4743	0.1280	5	0.31	1%	0
001.03	Loss on Drying, Low temp. methods	878	6.5250	0.0500	6.3020	0.4743	0.1280	5	0.47	2%	0
001.03	Loss on Drying, Low temp. methods	868	6.7000	0.0400	6.3020	0.4743	0.1280	5	0.84	3%	0
001.05	Loss on Drying, LECO	610	6.5250	0.0100			0.0100	1			
001.07	Loss on Drying, 104 deg 3 hr, in malt	591	5.4550	0.0300	6.4095	0.2362	0.0893	35	-4.04	7%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	353	5.4650	0.0300	6.4095	0.2362	0.0893	35	-4.00	7%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	609	5.5500	0.3000	6.4095	0.2362	0.0893	35	-3.64	7%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	693	5.6850	0.1100	6.4095	0.2362	0.0893	35	-3.07	6%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	618	5.7550	0.3900	6.4095	0.2362	0.0893	35	-2.77	5%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	74	5.7950	0.0300	6.4095	0.2362	0.0893	35	-2.60	5%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	15	5.9900	0.0400	6.4095	0.2362	0.0893	35	-1.78	3%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	843	5.9950	0.1100	6.4095	0.2362	0.0893	35	-1.75	3%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	297	6.1500	0.0000	6.4095	0.2362	0.0893	35	-1.10	2%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	571	6.2850	0.0300	6.4095	0.2362	0.0893	35	-0.53	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	307	6.3000	0.4000	6.4095	0.2362	0.0893	35	-0.46	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	89	6.3150	0.0100	6.4095	0.2362	0.0893	35	-0.40	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	849	6.3150	0.0300	6.4095	0.2362	0.0893	35	-0.40	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	178	6.3550	0.4500	6.4095	0.2362	0.0893	35	-0.23	0%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	65	6.3807	0.0087	6.4095	0.2362	0.0893	35	-0.12	0%	0

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			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
001.07	Loss on Drying, 104 deg 3 hr, in malt	588	6.4150	0.0300	6.4095	0.2362	0.0893	35	0.02	0%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	98	6.4200	0.0400	6.4095	0.2362	0.0893	35	0.04	0%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	199	6.4500	0.0600	6.4095	0.2362	0.0893	35	0.17	0%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	35	6.4700	0.0400	6.4095	0.2362	0.0893	35	0.26	0%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	366	6.5000	0.0000	6.4095	0.2362	0.0893	35	0.38	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	689	6.5000	0.0000	6.4095	0.2362	0.0893	35	0.38	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	187	6.5150	0.0100	6.4095	0.2362	0.0893	35	0.45	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	669	6.5250	0.0300	6.4095	0.2362	0.0893	35	0.49	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	607	6.5315	0.0184	6.4095	0.2362	0.0893	35	0.52	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	559	6.5400	0.0800	6.4095	0.2362	0.0893	35	0.55	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	413	6.5500	0.1000	6.4095	0.2362	0.0893	35	0.59	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	83	6.5750	0.0500	6.4095	0.2362	0.0893	35	0.70	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	49	6.5900	0.1400	6.4095	0.2362	0.0893	35	0.76	1%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	581	6.6150	0.1500	6.4095	0.2362	0.0893	35	0.87	2%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	139	6.6250	0.0100	6.4095	0.2362	0.0893	35	0.91	2%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	872	6.6300	0.0600	6.4095	0.2362	0.0893	35	0.93	2%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	171	6.6450	0.1300	6.4095	0.2362	0.0893	35	1.00	2%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	675	6.6900	0.0200	6.4095	0.2362	0.0893	35	1.19	2%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	45	6.7500	0.1000	6.4095	0.2362	0.0893	35	1.44	3%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	695	6.7750	0.0900	6.4095	0.2362	0.0893	35	1.55	3%	0
001.07	Loss on Drying, 104 deg 3 hr, in malt	38	6.0400	0.5800	6.4095	0.2362	0.0893	35	-1.56	3%	1
001.07	Loss on Drying, 104 deg 3 hr, in malt	278	93.3350	0.0100	6.4095	0.2362	0.0893	35	368.04	678%	2
001.08	Loss on Drying, 102 deg 16 hr, in mea	590	6.5200	0.1000			0.1000	1			
001.99	Loss on Drying, Miscellaneous	630	5.7050	0.0500	6.5454	0.5087	0.0550	10	-1.65	6%	0
001.99	Loss on Drying, Miscellaneous	853	5.8700	0.1400	6.5454	0.5087	0.0550	10	-1.33	5%	0
001.99	Loss on Drying, Miscellaneous	616	6.2700	0.0200	6.5454	0.5087	0.0550	10	-0.54	2%	0
001.99	Loss on Drying, Miscellaneous	37	6.3450	0.0100	6.5454	0.5087	0.0550	10	-0.39	2%	0
001.99	Loss on Drying, Miscellaneous	720	6.5450	0.1700	6.5454	0.5087	0.0550	10	0.00	0%	0
001.99	Loss on Drying, Miscellaneous	357	6.5700	0.0000	6.5454	0.5087	0.0550	10	0.05	0%	0
001.99	Loss on Drying, Miscellaneous	889	6.6650	0.1100	6.5454	0.5087	0.0550	10	0.24	1%	0
001.99	Loss on Drying, Miscellaneous	505	6.8400	0.0000	6.5454	0.5087	0.0550	10	0.58	2%	0
001.99	Loss on Drying, Miscellaneous	732	7.1800	0.0400	6.5454	0.5087	0.0550	10	1.25	5%	0
001.99	Loss on Drying, Miscellaneous	884	7.2450	0.0100	6.5454	0.5087	0.0550	10	1.38	5%	0
001.99	Loss on Drying, Miscellaneous	510	6.1000	0.4000	6.5454	0.5087	0.0550	10	-0.88	3%	1
001.99	Loss on Drying, Miscellaneous	733	6.9050	0.0500	6.5454	0.5087	0.0550	10	0.71	3%	8
002.00	Protein, Crude	28	18.1050	0.1900	18.3494	0.2062	0.2453	7	-1.18	1%	0
002.00	Protein, Crude	679	18.2350	0.2100	18.3494	0.2062	0.2453	7	-0.55	0%	0
002.00	Protein, Crude	15	18.2500	0.1000	18.3494	0.2062	0.2453	7	-0.48	0%	0
002.00	Protein, Crude	864	18.2800	0.1000	18.3494	0.2062	0.2453	7	-0.34	0%	0
002.00	Protein, Crude	581	18.4150	0.1700	18.3494	0.2062	0.2453	7	0.32	0%	0
002.00	Protein, Crude	845	18.6400	0.6000	18.3494	0.2062	0.2453	7	1.41	1%	0
002.00	Protein, Crude	299	19.9665	0.3468	18.3494	0.2062	0.2453	7	7.84	4%	0

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002.01	Protein, Auto Kjel-Foss	716	17.7450	0.1500	17.8243	0.0749	0.1020	8	-1.06	0%	0
002.01	Protein, Auto Kjel-Foss	98	17.7600	0.1200	17.8243	0.0749	0.1020	8	-0.86	0%	0
002.01	Protein, Auto Kjel-Foss	889	17.7900	0.2000	17.8243	0.0749	0.1020	8	-0.46	0%	0
002.01	Protein, Auto Kjel-Foss	350	17.7970	0.0060	17.8243	0.0749	0.1020	8	-0.36	0%	0
002.01	Protein, Auto Kjel-Foss	723	17.8000	0.1200	17.8243	0.0749	0.1020	8	-0.32	0%	0
002.01	Protein, Auto Kjel-Foss	848	18.0000	0.1400	17.8243	0.0749	0.1020	8	2.35	0%	0
002.01	Protein, Auto Kjel-Foss	43	18.0500	0.0200	17.8243	0.0749	0.1020	8	3.01	1%	0
002.01	Protein, Auto Kjel-Foss	607	18.2100	0.0600	17.8243	0.0749	0.1020	8	5.15	1%	0
002.02	Protein, Semiauto Autoanalyzer	169	17.5200	0.0200	18.1037	0.5277	0.1859	7	-1.11	2%	0
002.02	Protein, Semiauto Autoanalyzer	42	17.6200	0.1200	18.1037	0.5277	0.1859	7	-0.92	1%	0
002.02	Protein, Semiauto Autoanalyzer	307	17.9000	0.8000	18.1037	0.5277	0.1859	7	-0.39	1%	0
002.02	Protein, Semiauto Autoanalyzer	36	18.0606	0.0116	18.1037	0.5277	0.1859	7	-0.08	0%	0
002.02	Protein, Semiauto Autoanalyzer	152	18.3800	0.0400	18.1037	0.5277	0.1859	7	0.52	1%	0
002.02	Protein, Semiauto Autoanalyzer	685	18.4400	0.0400	18.1037	0.5277	0.1859	7	0.64	1%	0
002.02	Protein, Semiauto Autoanalyzer	669	18.8050	0.2700	18.1037	0.5277	0.1859	7	1.33	2%	0
002.02	Protein, Semiauto Autoanalyzer	43	15.7800	3.1400	18.1037	0.5277	0.1859	7	-4.40	6%	1
002.03	Protein, Hatch Method	834	18.3810	0.0560			0.0560	0			
002.04	Protein, Copper Cat	509	17.3900	0.0600	17.9707	0.4544	0.0986	7	-1.28	2%	0
002.04	Protein, Copper Cat	405	17.6800	0.1600	17.9707	0.4544	0.0986	7	-0.64	1%	0
002.04	Protein, Copper Cat	638	17.7900	0.0000	17.9707	0.4544	0.0986	7	-0.40	1%	0
002.04	Protein, Copper Cat	187	17.8200	0.1200	17.9707	0.4544	0.0986	7	-0.33	0%	0
002.04	Protein, Copper Cat	504	18.3350	0.0100	17.9707	0.4544	0.0986	7	0.80	1%	0
002.04	Protein, Copper Cat	868	18.3600	0.1200	17.9707	0.4544	0.0986	7	0.86	1%	0
002.04	Protein, Copper Cat	588	18.4200	0.2200	17.9707	0.4544	0.0986	7	0.99	1%	0
002.05	Protein, Copper, Boric Acid	877	17.1950	0.0300	17.9999	0.3913	0.1727	23	-2.06	2%	0
002.05	Protein, Copper, Boric Acid	401	17.3350	0.0100	17.9999	0.3913	0.1727	23	-1.70	2%	0
002.05	Protein, Copper, Boric Acid	39	17.5390	0.1820	17.9999	0.3913	0.1727	23	-1.18	1%	0
002.05	Protein, Copper, Boric Acid	722	17.6140	0.0269	17.9999	0.3913	0.1727	23	-0.99	1%	0
002.05	Protein, Copper, Boric Acid	871	17.6250	0.0300	17.9999	0.3913	0.1727	23	-0.96	1%	0
002.05	Protein, Copper, Boric Acid	658	17.6664	0.1876	17.9999	0.3913	0.1727	23	-0.85	1%	0
002.05	Protein, Copper, Boric Acid	591	17.7000	0.3000	17.9999	0.3913	0.1727	23	-0.77	1%	0
002.05	Protein, Copper, Boric Acid	870	17.7500	0.0800	17.9999	0.3913	0.1727	23	-0.64	1%	0
002.05	Protein, Copper, Boric Acid	622	17.8192	0.0461	17.9999	0.3913	0.1727	23	-0.46	1%	0
002.05	Protein, Copper, Boric Acid	199	17.8600	0.0400	17.9999	0.3913	0.1727	23	-0.36	0%	0
002.05	Protein, Copper, Boric Acid	689	18.0500	0.1000	17.9999	0.3913	0.1727	23	0.13	0%	0
002.05	Protein, Copper, Boric Acid	354	18.0600	0.0200	17.9999	0.3913	0.1727	23	0.15	0%	0
002.05	Protein, Copper, Boric Acid	879	18.1150	0.7300	17.9999	0.3913	0.1727	23	0.29	0%	0
002.05	Protein, Copper, Boric Acid	178	18.1350	0.2500	17.9999	0.3913	0.1727	23	0.35	0%	0
002.05	Protein, Copper, Boric Acid	596	18.1500	0.1000	17.9999	0.3913	0.1727	23	0.38	0%	0
002.05	Protein, Copper, Boric Acid	674	18.1700	0.4200	17.9999	0.3913	0.1727	23	0.43	0%	0
002.05	Protein, Copper, Boric Acid	878	18.2000	0.2000	17.9999	0.3913	0.1727	23	0.51	1%	0
002.05	Protein, Copper, Boric Acid	849	18.2100	0.0400	17.9999	0.3913	0.1727	23	0.54	1%	0

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002.05	Protein, Copper, Boric Acid	552	18.2250	0.0700	17.9999	0.3913	0.1727	23	0.58	1%	0
002.05	Protein, Copper, Boric Acid	623	18.3012	0.1001	17.9999	0.3913	0.1727	23	0.77	1%	0
002.05	Protein, Copper, Boric Acid	305	18.7900	0.2600	17.9999	0.3913	0.1727	23	2.02	2%	0
002.05	Protein, Copper, Boric Acid	194	18.9800	0.0200	17.9999	0.3913	0.1727	23	2.50	3%	0
002.05	Protein, Copper, Boric Acid	665	23.0550	0.7300	17.9999	0.3913	0.1727	23	12.92	14%	0
002.06	Protein, Combustion Nitrogen Analyze	774	16.4800	0.2600	18.4599	0.3136	0.1278	136	-6.31	5%	0
002.06	Protein, Combustion Nitrogen Analyze	859	16.8480	0.0600	18.4599	0.3136	0.1278	136	-5.14	4%	0
002.06	Protein, Combustion Nitrogen Analyze	18	16.9550	0.0300	18.4599	0.3136	0.1278	136	-4.80	4%	0
002.06	Protein, Combustion Nitrogen Analyze	882	17.3715	0.2810	18.4599	0.3136	0.1278	136	-3.47	3%	0
002.06	Protein, Combustion Nitrogen Analyze	571	17.5160	0.0060	18.4599	0.3136	0.1278	136	-3.01	3%	0
002.06	Protein, Combustion Nitrogen Analyze	539	17.5850	0.0900	18.4599	0.3136	0.1278	136	-2.79	2%	0
002.06	Protein, Combustion Nitrogen Analyze	139	17.8100	0.0000	18.4599	0.3136	0.1278	136	-2.07	2%	0
002.06	Protein, Combustion Nitrogen Analyze	36	17.9250	0.0100	18.4599	0.3136	0.1278	136	-1.71	1%	0
002.06	Protein, Combustion Nitrogen Analyze	42	17.9350	0.2500	18.4599	0.3136	0.1278	136	-1.67	1%	0
002.06	Protein, Combustion Nitrogen Analyze	45	17.9500	0.1000	18.4599	0.3136	0.1278	136	-1.63	1%	0
002.06	Protein, Combustion Nitrogen Analyze	843	17.9850	0.2100	18.4599	0.3136	0.1278	136	-1.51	1%	0
002.06	Protein, Combustion Nitrogen Analyze	505	17.9950	0.0300	18.4599	0.3136	0.1278	136	-1.48	1%	0
002.06	Protein, Combustion Nitrogen Analyze	589	18.0250	0.0500	18.4599	0.3136	0.1278	136	-1.39	1%	0
002.06	Protein, Combustion Nitrogen Analyze	242	18.0350	0.1900	18.4599	0.3136	0.1278	136	-1.35	1%	0
002.06	Protein, Combustion Nitrogen Analyze	3	18.0550	0.6100	18.4599	0.3136	0.1278	136	-1.29	1%	0
002.06	Protein, Combustion Nitrogen Analyze	199	18.0850	0.0100	18.4599	0.3136	0.1278	136	-1.20	1%	0
002.06	Protein, Combustion Nitrogen Analyze	83	18.0895	0.0030	18.4599	0.3136	0.1278	136	-1.18	1%	0
002.06	Protein, Combustion Nitrogen Analyze	14	18.1000	0.6000	18.4599	0.3136	0.1278	136	-1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyze	11	18.1250	0.5500	18.4599	0.3136	0.1278	136	-1.07	1%	0
002.06	Protein, Combustion Nitrogen Analyze	358	18.1300	0.2800	18.4599	0.3136	0.1278	136	-1.05	1%	0
002.06	Protein, Combustion Nitrogen Analyze	229	18.1500	0.0200	18.4599	0.3136	0.1278	136	-0.99	1%	0
002.06	Protein, Combustion Nitrogen Analyze	808	18.1500	0.0400	18.4599	0.3136	0.1278	136	-0.99	1%	0
002.06	Protein, Combustion Nitrogen Analyze	818	18.1500	0.1000	18.4599	0.3136	0.1278	136	-0.99	1%	0
002.06	Protein, Combustion Nitrogen Analyze	563	18.1514	0.0916	18.4599	0.3136	0.1278	136	-0.98	1%	0
002.06	Protein, Combustion Nitrogen Analyze	108	18.1750	0.3300	18.4599	0.3136	0.1278	136	-0.91	1%	0
002.06	Protein, Combustion Nitrogen Analyze	26	18.1800	0.1200	18.4599	0.3136	0.1278	136	-0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyze	407	18.1850	0.0100	18.4599	0.3136	0.1278	136	-0.88	1%	0
002.06	Protein, Combustion Nitrogen Analyze	123	18.1900	0.0800	18.4599	0.3136	0.1278	136	-0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyze	647	18.1950	0.2900	18.4599	0.3136	0.1278	136	-0.84	1%	0
002.06	Protein, Combustion Nitrogen Analyze	89	18.2000	0.0000	18.4599	0.3136	0.1278	136	-0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyze	278	18.2000	0.0000	18.4599	0.3136	0.1278	136	-0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyze	676	18.2000	0.1000	18.4599	0.3136	0.1278	136	-0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyze	693	18.2150	0.1300	18.4599	0.3136	0.1278	136	-0.78	1%	0
002.06	Protein, Combustion Nitrogen Analyze	297	18.2200	0.0800	18.4599	0.3136	0.1278	136	-0.76	1%	0
002.06	Protein, Combustion Nitrogen Analyze	164	18.2250	0.0100	18.4599	0.3136	0.1278	136	-0.75	1%	0
002.06	Protein, Combustion Nitrogen Analyze	512	18.2300	0.4000	18.4599	0.3136	0.1278	136	-0.73	1%	0
002.06	Protein, Combustion Nitrogen Analyze	32	18.2400	0.0000	18.4599	0.3136	0.1278	136	-0.70	1%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyze	610	18.2500	0.1000	18.4599	0.3136	0.1278	136	-0.67	1%	0
002.06	Protein, Combustion Nitrogen Analyze	205	18.2600	0.1000	18.4599	0.3136	0.1278	136	-0.64	1%	0
002.06	Protein, Combustion Nitrogen Analyze	9	18.2650	0.0500	18.4599	0.3136	0.1278	136	-0.62	1%	0
002.06	Protein, Combustion Nitrogen Analyze	781	18.2800	0.3600	18.4599	0.3136	0.1278	136	-0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyze	857	18.3000	0.0200	18.4599	0.3136	0.1278	136	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyze	559	18.3150	0.1900	18.4599	0.3136	0.1278	136	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyze	298	18.3300	0.0200	18.4599	0.3136	0.1278	136	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyze	695	18.3300	0.0800	18.4599	0.3136	0.1278	136	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyze	226	18.3500	0.1000	18.4599	0.3136	0.1278	136	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyze	590	18.3500	0.1000	18.4599	0.3136	0.1278	136	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyze	122	18.3560	0.4840	18.4599	0.3136	0.1278	136	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyze	615	18.3750	0.0100	18.4599	0.3136	0.1278	136	-0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyze	692	18.3750	0.0100	18.4599	0.3136	0.1278	136	-0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyze	550	18.3800	0.1400	18.4599	0.3136	0.1278	136	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyze	38	18.3850	0.1100	18.4599	0.3136	0.1278	136	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyze	354	18.3850	0.1100	18.4599	0.3136	0.1278	136	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyze	784	18.3850	0.1700	18.4599	0.3136	0.1278	136	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyze	366	18.4000	0.0000	18.4599	0.3136	0.1278	136	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyze	121	18.4270	0.0260	18.4599	0.3136	0.1278	136	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyze	546	18.4365	0.0010	18.4599	0.3136	0.1278	136	-0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyze	6	18.4400	0.0380	18.4599	0.3136	0.1278	136	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyze	21	18.4450	0.0300	18.4599	0.3136	0.1278	136	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyze	758	18.4450	0.1100	18.4599	0.3136	0.1278	136	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyze	98	18.4500	0.1000	18.4599	0.3136	0.1278	136	-0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyze	673	18.4500	0.1000	18.4599	0.3136	0.1278	136	-0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyze	171	18.4500	0.3000	18.4599	0.3136	0.1278	136	-0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyze	884	18.4550	0.0300	18.4599	0.3136	0.1278	136	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyze	148	18.4800	0.0200	18.4599	0.3136	0.1278	136	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyze	618	18.4800	0.0800	18.4599	0.3136	0.1278	136	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyze	853	18.4800	0.2200	18.4599	0.3136	0.1278	136	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyze	300	18.4815	0.4670	18.4599	0.3136	0.1278	136	0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyze	609	18.4850	0.0100	18.4599	0.3136	0.1278	136	0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyze	27	18.4900	0.1800	18.4599	0.3136	0.1278	136	0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyze	10	18.5000	0.2000	18.4599	0.3136	0.1278	136	0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyze	13	18.5000	0.0400	18.4599	0.3136	0.1278	136	0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyze	144	18.5000	0.0200	18.4599	0.3136	0.1278	136	0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyze	646	18.5050	0.0500	18.4599	0.3136	0.1278	136	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyze	4	18.5100	0.4200	18.4599	0.3136	0.1278	136	0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyze	106	18.5100	0.0200	18.4599	0.3136	0.1278	136	0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyze	598	18.5200	0.0600	18.4599	0.3136	0.1278	136	0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyze	119	18.5250	0.0500	18.4599	0.3136	0.1278	136	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyze	616	18.5300	0.1200	18.4599	0.3136	0.1278	136	0.22	0%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyze	796	18.5300	0.0200	18.4599	0.3136	0.1278	136	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyze	726	18.5390	0.0720	18.4599	0.3136	0.1278	136	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyze	520	18.5400	0.4600	18.4599	0.3136	0.1278	136	0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyze	650	18.5450	0.2300	18.4599	0.3136	0.1278	136	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyze	660	18.5450	0.0500	18.4599	0.3136	0.1278	136	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyze	8	18.5500	0.1400	18.4599	0.3136	0.1278	136	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyze	49	18.5500	0.0400	18.4599	0.3136	0.1278	136	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyze	510	18.5500	0.1000	18.4599	0.3136	0.1278	136	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyze	29	18.5550	0.2500	18.4599	0.3136	0.1278	136	0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyze	357	18.5600	0.0000	18.4599	0.3136	0.1278	136	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyze	263	18.5925	0.2330	18.4599	0.3136	0.1278	136	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyze	872	18.5950	0.0700	18.4599	0.3136	0.1278	136	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyze	294	18.6000	0.0000	18.4599	0.3136	0.1278	136	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyze	670	18.6050	0.0100	18.4599	0.3136	0.1278	136	0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyze	425	18.6100	0.1000	18.4599	0.3136	0.1278	136	0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyze	37	18.6150	0.0300	18.4599	0.3136	0.1278	136	0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyze	529	18.6150	0.0500	18.4599	0.3136	0.1278	136	0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyze	541	18.6250	0.1300	18.4599	0.3136	0.1278	136	0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyze	100	18.6350	0.0100	18.4599	0.3136	0.1278	136	0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyze	33	18.6500	0.3000	18.4599	0.3136	0.1278	136	0.61	1%	0
002.06	Protein, Combustion Nitrogen Analyze	74	18.6500	0.2200	18.4599	0.3136	0.1278	136	0.61	1%	0
002.06	Protein, Combustion Nitrogen Analyze	265	18.6500	0.3000	18.4599	0.3136	0.1278	136	0.61	1%	0
002.06	Protein, Combustion Nitrogen Analyze	413	18.6500	0.1000	18.4599	0.3136	0.1278	136	0.61	1%	0
002.06	Protein, Combustion Nitrogen Analyze	567	18.6500	0.1000	18.4599	0.3136	0.1278	136	0.61	1%	0
002.06	Protein, Combustion Nitrogen Analyze	43	18.7000	0.0400	18.4599	0.3136	0.1278	136	0.77	1%	0
002.06	Protein, Combustion Nitrogen Analyze	142	18.7000	0.0000	18.4599	0.3136	0.1278	136	0.77	1%	0
002.06	Protein, Combustion Nitrogen Analyze	554	18.7000	0.2000	18.4599	0.3136	0.1278	136	0.77	1%	0
002.06	Protein, Combustion Nitrogen Analyze	720	18.7050	0.0100	18.4599	0.3136	0.1278	136	0.78	1%	0
002.06	Protein, Combustion Nitrogen Analyze	47	18.7200	0.0400	18.4599	0.3136	0.1278	136	0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyze	682	18.7300	0.4400	18.4599	0.3136	0.1278	136	0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyze	417	18.7400	0.2600	18.4599	0.3136	0.1278	136	0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyze	738	18.7450	0.0300	18.4599	0.3136	0.1278	136	0.91	1%	0
002.06	Protein, Combustion Nitrogen Analyze	175	18.7500	0.1000	18.4599	0.3136	0.1278	136	0.93	1%	0
002.06	Protein, Combustion Nitrogen Analyze	824	18.7500	0.1000	18.4599	0.3136	0.1278	136	0.93	1%	0
002.06	Protein, Combustion Nitrogen Analyze	866	18.7500	0.1200	18.4599	0.3136	0.1278	136	0.93	1%	0
002.06	Protein, Combustion Nitrogen Analyze	880	18.7500	0.3000	18.4599	0.3136	0.1278	136	0.93	1%	0
002.06	Protein, Combustion Nitrogen Analyze	732	18.7650	0.0300	18.4599	0.3136	0.1278	136	0.97	1%	0
002.06	Protein, Combustion Nitrogen Analyze	19	18.7750	0.1500	18.4599	0.3136	0.1278	136	1.00	1%	0
002.06	Protein, Combustion Nitrogen Analyze	740	18.7800	0.1000	18.4599	0.3136	0.1278	136	1.02	1%	0
002.06	Protein, Combustion Nitrogen Analyze	792	18.7800	0.1600	18.4599	0.3136	0.1278	136	1.02	1%	0
002.06	Protein, Combustion Nitrogen Analyze	190	18.8050	0.0500	18.4599	0.3136	0.1278	136	1.10	1%	0
002.06	Protein, Combustion Nitrogen Analyze	628	18.8050	0.0700	18.4599	0.3136	0.1278	136	1.10	1%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyze	630	18.8100	0.2000	18.4599	0.3136	0.1278	136	1.12	1%	0
002.06	Protein, Combustion Nitrogen Analyze	767	18.8200	0.0600	18.4599	0.3136	0.1278	136	1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyze	353	18.8400	0.3000	18.4599	0.3136	0.1278	136	1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyze	65	18.8707	0.0513	18.4599	0.3136	0.1278	136	1.31	1%	0
002.06	Protein, Combustion Nitrogen Analyze	35	18.9150	0.0500	18.4599	0.3136	0.1278	136	1.45	1%	0
002.06	Protein, Combustion Nitrogen Analyze	830	18.9150	0.1900	18.4599	0.3136	0.1278	136	1.45	1%	0
002.06	Protein, Combustion Nitrogen Analyze	759	18.9250	0.0500	18.4599	0.3136	0.1278	136	1.48	1%	0
002.06	Protein, Combustion Nitrogen Analyze	819	18.9700	0.0000	18.4599	0.3136	0.1278	136	1.63	1%	0
002.06	Protein, Combustion Nitrogen Analyze	504	19.0100	0.0400	18.4599	0.3136	0.1278	136	1.75	1%	0
002.06	Protein, Combustion Nitrogen Analyze	1	19.0200	0.5800	18.4599	0.3136	0.1278	136	1.79	2%	0
002.06	Protein, Combustion Nitrogen Analyze	553	19.0965	0.1010	18.4599	0.3136	0.1278	136	2.03	2%	0
002.06	Protein, Combustion Nitrogen Analyze	626	19.1650	0.1060	18.4599	0.3136	0.1278	136	2.25	2%	0
002.06	Protein, Combustion Nitrogen Analyze	160	19.2080	0.1440	18.4599	0.3136	0.1278	136	2.39	2%	0
002.06	Protein, Combustion Nitrogen Analyze	511	19.4100	0.0000	18.4599	0.3136	0.1278	136	3.03	3%	0
002.06	Protein, Combustion Nitrogen Analyze	202	19.8250	0.0300	18.4599	0.3136	0.1278	136	4.35	4%	0
002.06	Protein, Combustion Nitrogen Analyze	168	18.1950	0.6300	18.4599	0.3136	0.1278	136	-0.84	1%	1
002.06	Protein, Combustion Nitrogen Analyze	776	15.9950	0.1500	18.4599	0.3136	0.1278	136	-7.86	7%	8
002.06	Protein, Combustion Nitrogen Analyze	775	16.4250	0.4300	18.4599	0.3136	0.1278	136	-6.49	6%	8
002.06	Protein, Combustion Nitrogen Analyze	780	16.6500	0.5400	18.4599	0.3136	0.1278	136	-5.77	5%	8
002.06	Protein, Combustion Nitrogen Analyze	778	16.7050	1.2300	18.4599	0.3136	0.1278	136	-5.60	5%	8
002.06	Protein, Combustion Nitrogen Analyze	814	18.1750	0.0100	18.4599	0.3136	0.1278	136	-0.91	1%	8
002.06	Protein, Combustion Nitrogen Analyze	752	18.1950	0.1100	18.4599	0.3136	0.1278	136	-0.84	1%	8
002.06	Protein, Combustion Nitrogen Analyze	813	18.2200	0.1200	18.4599	0.3136	0.1278	136	-0.76	1%	8
002.06	Protein, Combustion Nitrogen Analyze	811	18.2300	0.1000	18.4599	0.3136	0.1278	136	-0.73	1%	8
002.06	Protein, Combustion Nitrogen Analyze	749	18.2500	0.0600	18.4599	0.3136	0.1278	136	-0.67	1%	8
002.06	Protein, Combustion Nitrogen Analyze	782	18.2500	0.0200	18.4599	0.3136	0.1278	136	-0.67	1%	8
002.06	Protein, Combustion Nitrogen Analyze	750	18.3300	0.1000	18.4599	0.3136	0.1278	136	-0.41	0%	8
002.06	Protein, Combustion Nitrogen Analyze	753	18.3350	0.1100	18.4599	0.3136	0.1278	136	-0.40	0%	8
002.06	Protein, Combustion Nitrogen Analyze	783	18.3500	0.1200	18.4599	0.3136	0.1278	136	-0.35	0%	8
002.06	Protein, Combustion Nitrogen Analyze	785	18.3500	0.1400	18.4599	0.3136	0.1278	136	-0.35	0%	8
002.06	Protein, Combustion Nitrogen Analyze	829	18.3600	0.0400	18.4599	0.3136	0.1278	136	-0.32	0%	8
002.06	Protein, Combustion Nitrogen Analyze	757	18.3650	0.0300	18.4599	0.3136	0.1278	136	-0.30	0%	8
002.06	Protein, Combustion Nitrogen Analyze	806	18.3650	0.1900	18.4599	0.3136	0.1278	136	-0.30	0%	8
002.06	Protein, Combustion Nitrogen Analyze	754	18.3750	0.0500	18.4599	0.3136	0.1278	136	-0.27	0%	8
002.06	Protein, Combustion Nitrogen Analyze	805	18.3850	0.0900	18.4599	0.3136	0.1278	136	-0.24	0%	8
002.06	Protein, Combustion Nitrogen Analyze	755	18.3900	0.2800	18.4599	0.3136	0.1278	136	-0.22	0%	8
002.06	Protein, Combustion Nitrogen Analyze	807	18.3950	0.0100	18.4599	0.3136	0.1278	136	-0.21	0%	8
002.06	Protein, Combustion Nitrogen Analyze	800	18.4100	0.1600	18.4599	0.3136	0.1278	136	-0.16	0%	8
002.06	Protein, Combustion Nitrogen Analyze	812	18.4100	0.0200	18.4599	0.3136	0.1278	136	-0.16	0%	8
002.06	Protein, Combustion Nitrogen Analyze	817	18.4150	0.0300	18.4599	0.3136	0.1278	136	-0.14	0%	8
002.06	Protein, Combustion Nitrogen Analyze	748	18.4350	0.0700	18.4599	0.3136	0.1278	136	-0.08	0%	8
002.06	Protein, Combustion Nitrogen Analyze	739	18.4500	0.2600	18.4599	0.3136	0.1278	136	-0.03	0%	8

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyze	756	18.4500	0.1400	18.4599	0.3136	0.1278	136	-0.03	0%	8
002.06	Protein, Combustion Nitrogen Analyze	809	18.4500	0.3600	18.4599	0.3136	0.1278	136	-0.03	0%	8
002.06	Protein, Combustion Nitrogen Analyze	751	18.4750	0.3100	18.4599	0.3136	0.1278	136	0.05	0%	8
002.06	Protein, Combustion Nitrogen Analyze	771	18.4800	0.0200	18.4599	0.3136	0.1278	136	0.06	0%	8
002.06	Protein, Combustion Nitrogen Analyze	815	18.4950	0.0100	18.4599	0.3136	0.1278	136	0.11	0%	8
002.06	Protein, Combustion Nitrogen Analyze	761	18.4950	0.1500	18.4599	0.3136	0.1278	136	0.11	0%	8
002.06	Protein, Combustion Nitrogen Analyze	743	18.5200	0.0600	18.4599	0.3136	0.1278	136	0.19	0%	8
002.06	Protein, Combustion Nitrogen Analyze	797	18.5200	0.0000	18.4599	0.3136	0.1278	136	0.19	0%	8
002.06	Protein, Combustion Nitrogen Analyze	769	18.5450	0.0900	18.4599	0.3136	0.1278	136	0.27	0%	8
002.06	Protein, Combustion Nitrogen Analyze	816	18.5500	0.1000	18.4599	0.3136	0.1278	136	0.29	0%	8
002.06	Protein, Combustion Nitrogen Analyze	745	18.5550	0.0100	18.4599	0.3136	0.1278	136	0.30	0%	8
002.06	Protein, Combustion Nitrogen Analyze	741	18.6000	0.1000	18.4599	0.3136	0.1278	136	0.45	0%	8
002.06	Protein, Combustion Nitrogen Analyze	823	18.6000	0.0000	18.4599	0.3136	0.1278	136	0.45	0%	8
002.06	Protein, Combustion Nitrogen Analyze	742	18.6250	0.1700	18.4599	0.3136	0.1278	136	0.53	0%	8
002.06	Protein, Combustion Nitrogen Analyze	770	18.6300	0.0600	18.4599	0.3136	0.1278	136	0.54	0%	8
002.06	Protein, Combustion Nitrogen Analyze	837	18.6450	0.0500	18.4599	0.3136	0.1278	136	0.59	1%	8
002.06	Protein, Combustion Nitrogen Analyze	744	18.6500	0.1000	18.4599	0.3136	0.1278	136	0.61	1%	8
002.06	Protein, Combustion Nitrogen Analyze	798	18.6550	0.1500	18.4599	0.3136	0.1278	136	0.62	1%	8
002.06	Protein, Combustion Nitrogen Analyze	801	18.6600	0.3800	18.4599	0.3136	0.1278	136	0.64	1%	8
002.06	Protein, Combustion Nitrogen Analyze	746	18.6700	0.0000	18.4599	0.3136	0.1278	136	0.67	1%	8
002.06	Protein, Combustion Nitrogen Analyze	789	18.6700	0.2800	18.4599	0.3136	0.1278	136	0.67	1%	8
002.06	Protein, Combustion Nitrogen Analyze	737	18.6850	0.2900	18.4599	0.3136	0.1278	136	0.72	1%	8
002.06	Protein, Combustion Nitrogen Analyze	825	18.7000	0.0000	18.4599	0.3136	0.1278	136	0.77	1%	8
002.06	Protein, Combustion Nitrogen Analyze	794	18.7050	0.1900	18.4599	0.3136	0.1278	136	0.78	1%	8
002.06	Protein, Combustion Nitrogen Analyze	822	18.7150	0.1500	18.4599	0.3136	0.1278	136	0.81	1%	8
002.06	Protein, Combustion Nitrogen Analyze	821	18.7300	0.2600	18.4599	0.3136	0.1278	136	0.86	1%	8
002.06	Protein, Combustion Nitrogen Analyze	836	18.7500	0.1000	18.4599	0.3136	0.1278	136	0.93	1%	8
002.06	Protein, Combustion Nitrogen Analyze	733	18.7800	0.0200	18.4599	0.3136	0.1278	136	1.02	1%	8
002.06	Protein, Combustion Nitrogen Analyze	760	18.7850	0.0700	18.4599	0.3136	0.1278	136	1.04	1%	8
002.06	Protein, Combustion Nitrogen Analyze	804	18.8000	0.2800	18.4599	0.3136	0.1278	136	1.08	1%	8
002.06	Protein, Combustion Nitrogen Analyze	828	18.8050	0.1700	18.4599	0.3136	0.1278	136	1.10	1%	8
002.06	Protein, Combustion Nitrogen Analyze	747	18.8100	0.0600	18.4599	0.3136	0.1278	136	1.12	1%	8
002.06	Protein, Combustion Nitrogen Analyze	772	18.8100	0.0200	18.4599	0.3136	0.1278	136	1.12	1%	8
002.06	Protein, Combustion Nitrogen Analyze	810	18.8150	0.3100	18.4599	0.3136	0.1278	136	1.13	1%	8
002.06	Protein, Combustion Nitrogen Analyze	765	18.8800	0.0600	18.4599	0.3136	0.1278	136	1.34	1%	8
002.06	Protein, Combustion Nitrogen Analyze	793	18.8950	0.0500	18.4599	0.3136	0.1278	136	1.39	1%	8
002.06	Protein, Combustion Nitrogen Analyze	763	18.9500	0.0800	18.4599	0.3136	0.1278	136	1.56	1%	8
002.06	Protein, Combustion Nitrogen Analyze	736	18.9500	0.1200	18.4599	0.3136	0.1278	136	1.56	1%	8
002.06	Protein, Combustion Nitrogen Analyze	762	18.9700	0.1400	18.4599	0.3136	0.1278	136	1.63	1%	8
002.06	Protein, Combustion Nitrogen Analyze	764	19.0250	0.0100	18.4599	0.3136	0.1278	136	1.80	2%	8
002.06	Protein, Combustion Nitrogen Analyze	734	19.2950	0.2500	18.4599	0.3136	0.1278	136	2.66	2%	8
002.06	Protein, Combustion Nitrogen Analyze	735	19.9150	0.3300	18.4599	0.3136	0.1278	136	4.64	4%	8

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002.06	Protein, Combustion Nitrogen Analyze	777	19.9950	0.0700	18.4599	0.3136	0.1278	136	4.90	4%	8
002.08	Protein, Cu/Ti	208	18.0000	0.0000	18.3245	0.4015	0.0077	3	-0.81	1%	0
002.08	Protein, Cu/Ti	610	18.2000	0.0000	18.3245	0.4015	0.0077	3	-0.31	0%	0
002.08	Protein, Cu/Ti	563	18.7735	0.0232	18.3245	0.4015	0.0077	3	1.12	1%	0
002.10	Protein, Block dig/distillation	675	18.0950	0.0300	18.4812	0.5695	0.2813	5	-0.68	1%	0
002.10	Protein, Block dig/distillation	546	18.2260	0.1264	18.4812	0.5695	0.2813	5	-0.45	1%	0
002.10	Protein, Block dig/distillation	629	18.2300	0.0600	18.4812	0.5695	0.2813	5	-0.44	1%	0
002.10	Protein, Block dig/distillation	727	18.3700	0.9200	18.4812	0.5695	0.2813	5	-0.20	0%	0
002.10	Protein, Block dig/distillation	613	19.4850	0.2700	18.4812	0.5695	0.2813	5	1.76	3%	0
002.11	Protein, NIR	178	18.0850	0.1900	19.0687	0.9618	0.1645	8	-1.02	3%	0
002.11	Protein, NIR	567	18.2500	0.1000	19.0687	0.9618	0.1645	8	-0.85	2%	0
002.11	Protein, NIR	727	18.4480	0.4860	19.0687	0.9618	0.1645	8	-0.65	2%	0
002.11	Protein, NIR	32	18.7500	0.1000	19.0687	0.9618	0.1645	8	-0.33	1%	0
002.11	Protein, NIR	169	19.0800	0.1600	19.0687	0.9618	0.1645	8	0.01	0%	0
002.11	Protein, NIR	11	19.7000	0.0000	19.0687	0.9618	0.1645	8	0.66	2%	0
002.11	Protein, NIR	665	19.7250	0.1700	19.0687	0.9618	0.1645	8	0.68	2%	0
002.11	Protein, NIR	720	21.5850	0.1100	19.0687	0.9618	0.1645	8	2.62	7%	0
002.99	Protein, Miscellaneous	643	17.7900	0.1200			0.1200	1			
003.00	Fat, Eth Ext., Direct	297	1.0300	0.0600	1.7898	0.2868	0.1205	26	-2.65	21%	0
003.00	Fat, Eth Ext., Direct	884	1.2900	0.0800	1.7898	0.2868	0.1205	26	-1.74	14%	0
003.00	Fat, Eth Ext., Direct	26	1.3700	0.0200	1.7898	0.2868	0.1205	26	-1.46	12%	0
003.00	Fat, Eth Ext., Direct	171	1.4900	0.1000	1.7898	0.2868	0.1205	26	-1.05	8%	0
003.00	Fat, Eth Ext., Direct	164	1.5050	0.0500	1.7898	0.2868	0.1205	26	-0.99	8%	0
003.00	Fat, Eth Ext., Direct	512	1.5880	0.1660	1.7898	0.2868	0.1205	26	-0.70	6%	0
003.00	Fat, Eth Ext., Direct	39	1.6085	0.1390	1.7898	0.2868	0.1205	26	-0.63	5%	0
003.00	Fat, Eth Ext., Direct	309	1.6650	0.2100	1.7898	0.2868	0.1205	26	-0.43	3%	0
003.00	Fat, Eth Ext., Direct	300	1.6810	0.0440	1.7898	0.2868	0.1205	26	-0.38	3%	0
003.00	Fat, Eth Ext., Direct	615	1.7100	0.2400	1.7898	0.2868	0.1205	26	-0.28	2%	0
003.00	Fat, Eth Ext., Direct	616	1.7250	0.3900	1.7898	0.2868	0.1205	26	-0.23	2%	0
003.00	Fat, Eth Ext., Direct	665	1.7400	0.3200	1.7898	0.2868	0.1205	26	-0.17	1%	0
003.00	Fat, Eth Ext., Direct	596	1.7500	0.3000	1.7898	0.2868	0.1205	26	-0.14	1%	0
003.00	Fat, Eth Ext., Direct	142	1.8000	0.0000	1.7898	0.2868	0.1205	26	0.04	0%	0
003.00	Fat, Eth Ext., Direct	175	1.8100	0.0600	1.7898	0.2868	0.1205	26	0.07	1%	0
003.00	Fat, Eth Ext., Direct	106	1.8350	0.0100	1.7898	0.2868	0.1205	26	0.16	1%	0
003.00	Fat, Eth Ext., Direct	139	1.8450	0.0500	1.7898	0.2868	0.1205	26	0.19	2%	0
003.00	Fat, Eth Ext., Direct	194	1.8750	0.0300	1.7898	0.2868	0.1205	26	0.30	2%	0
003.00	Fat, Eth Ext., Direct	35	1.9150	0.0300	1.7898	0.2868	0.1205	26	0.44	3%	0
003.00	Fat, Eth Ext., Direct	15	2.0400	0.0800	1.7898	0.2868	0.1205	26	0.87	7%	0
003.00	Fat, Eth Ext., Direct	307	2.0500	0.1000	1.7898	0.2868	0.1205	26	0.91	7%	0
003.00	Fat, Eth Ext., Direct	354	2.1150	0.1100	1.7898	0.2868	0.1205	26	1.13	9%	0
003.00	Fat, Eth Ext., Direct	32	2.1500	0.3000	1.7898	0.2868	0.1205	26	1.26	10%	0
003.00	Fat, Eth Ext., Direct	65	2.1544	0.0312	1.7898	0.2868	0.1205	26	1.27	10%	0

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003.00	Fat, Eth Ext., Direct	509	2.3800	0.0000	1.7898	0.2868	0.1205	26	2.06	16%	0
003.00	Fat, Eth Ext., Direct	658	3.2423	0.2124	1.7898	0.2868	0.1205	26	5.06	41%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect	563	1.7856	0.1951	1.7878	0.0031	0.1976	2	-0.71	0%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect	504	1.7900	0.2000	1.7878	0.0031	0.1976	2	0.71	0%	0
003.06	Fat, Pet Ether	647	0.9950	0.1100	1.5026	0.3142	0.0687	22	-1.62	17%	0
003.06	Fat, Pet Ether	879	1.1250	0.2100	1.5026	0.3142	0.0687	22	-1.20	13%	0
003.06	Fat, Pet Ether	689	1.1500	0.1000	1.5026	0.3142	0.0687	22	-1.12	12%	0
003.06	Fat, Pet Ether	169	1.1750	0.0100	1.5026	0.3142	0.0687	22	-1.04	11%	0
003.06	Fat, Pet Ether	870	1.2372	0.1102	1.5026	0.3142	0.0687	22	-0.84	9%	0
003.06	Fat, Pet Ether	148	1.2600	0.0600	1.5026	0.3142	0.0687	22	-0.77	8%	0
003.06	Fat, Pet Ether	425	1.3400	0.0200	1.5026	0.3142	0.0687	22	-0.52	5%	0
003.06	Fat, Pet Ether	9	1.3650	0.0100	1.5026	0.3142	0.0687	22	-0.44	5%	0
003.06	Fat, Pet Ether	3	1.4150	0.0300	1.5026	0.3142	0.0687	22	-0.28	3%	0
003.06	Fat, Pet Ether	559	1.4450	0.0300	1.5026	0.3142	0.0687	22	-0.18	2%	0
003.06	Fat, Pet Ether	511	1.5050	0.0300	1.5026	0.3142	0.0687	22	0.01	0%	0
003.06	Fat, Pet Ether	552	1.5100	0.0200	1.5026	0.3142	0.0687	22	0.02	0%	0
003.06	Fat, Pet Ether	294	1.5500	0.0400	1.5026	0.3142	0.0687	22	0.15	2%	0
003.06	Fat, Pet Ether	122	1.5658	0.0015	1.5026	0.3142	0.0687	22	0.20	2%	0
003.06	Fat, Pet Ether	83	1.5700	0.1400	1.5026	0.3142	0.0687	22	0.21	2%	0
003.06	Fat, Pet Ether	199	1.6150	0.0300	1.5026	0.3142	0.0687	22	0.36	4%	0
003.06	Fat, Pet Ether	588	1.6950	0.0700	1.5026	0.3142	0.0687	22	0.61	6%	0
003.06	Fat, Pet Ether	849	1.7150	0.0300	1.5026	0.3142	0.0687	22	0.68	7%	0
003.06	Fat, Pet Ether	682	1.9100	0.0000	1.5026	0.3142	0.0687	22	1.30	14%	0
003.06	Fat, Pet Ether	871	2.0450	0.0100	1.5026	0.3142	0.0687	22	1.73	18%	0
003.06	Fat, Pet Ether	74	2.2150	0.2700	1.5026	0.3142	0.0687	22	2.27	24%	0
003.06	Fat, Pet Ether	843	2.2500	0.1800	1.5026	0.3142	0.0687	22	2.38	25%	0
003.07	Fat, Aq Ext	889	1.6100	0.1600			0.1600	1			
003.09	Fat, Soxtec, Eth Ext	121	1.3295	0.0150	1.7618	0.2222	0.0836	23	-1.95	12%	0
003.09	Fat, Soxtec, Eth Ext	27	1.5400	0.0000	1.7618	0.2222	0.0836	23	-1.00	6%	0
003.09	Fat, Soxtec, Eth Ext	226	1.5500	0.1000	1.7618	0.2222	0.0836	23	-0.95	6%	0
003.09	Fat, Soxtec, Eth Ext	38	1.5600	0.0600	1.7618	0.2222	0.0836	23	-0.91	6%	0
003.09	Fat, Soxtec, Eth Ext	685	1.5600	0.0600	1.7618	0.2222	0.0836	23	-0.91	6%	0
003.09	Fat, Soxtec, Eth Ext	263	1.5720	0.0040	1.7618	0.2222	0.0836	23	-0.85	5%	0
003.09	Fat, Soxtec, Eth Ext	358	1.5750	0.1100	1.7618	0.2222	0.0836	23	-0.84	5%	0
003.09	Fat, Soxtec, Eth Ext	505	1.6600	0.0400	1.7618	0.2222	0.0836	23	-0.46	3%	0
003.09	Fat, Soxtec, Eth Ext	98	1.6850	0.0300	1.7618	0.2222	0.0836	23	-0.35	2%	0
003.09	Fat, Soxtec, Eth Ext	350	1.6995	0.0250	1.7618	0.2222	0.0836	23	-0.28	2%	0
003.09	Fat, Soxtec, Eth Ext	510	1.7000	0.2000	1.7618	0.2222	0.0836	23	-0.28	2%	0
003.09	Fat, Soxtec, Eth Ext	674	1.7300	0.1200	1.7618	0.2222	0.0836	23	-0.14	1%	0
003.09	Fat, Soxtec, Eth Ext	849	1.7600	0.0400	1.7618	0.2222	0.0836	23	-0.01	0%	0
003.09	Fat, Soxtec, Eth Ext	152	1.7850	0.0300	1.7618	0.2222	0.0836	23	0.10	1%	0
003.09	Fat, Soxtec, Eth Ext	638	1.8250	0.0500	1.7618	0.2222	0.0836	23	0.28	2%	0

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003.09	Fat, Soxtec, Eth Ext	354	1.8750	0.0300	1.7618	0.2222	0.0836	23	0.51	3%	0
003.09	Fat, Soxtec, Eth Ext	675	1.8900	0.0800	1.7618	0.2222	0.0836	23	0.58	4%	0
003.09	Fat, Soxtec, Eth Ext	723	1.9300	0.0200	1.7618	0.2222	0.0836	23	0.76	5%	0
003.09	Fat, Soxtec, Eth Ext	554	1.9500	0.3000	1.7618	0.2222	0.0836	23	0.85	5%	0
003.09	Fat, Soxtec, Eth Ext	673	2.0000	0.0000	1.7618	0.2222	0.0836	23	1.07	7%	0
003.09	Fat, Soxtec, Eth Ext	590	2.0750	0.3500	1.7618	0.2222	0.0836	23	1.41	9%	0
003.09	Fat, Soxtec, Eth Ext	353	2.3750	0.2500	1.7618	0.2222	0.0836	23	2.76	17%	0
003.09	Fat, Soxtec, Eth Ext	620	2.5537	0.0080	1.7618	0.2222	0.0836	23	3.56	22%	0
003.10	Fat, Soxtec, Pet Ether	609	0.8000	0.0200	1.2375	0.2367	0.0632	30	-1.85	18%	0
003.10	Fat, Soxtec, Pet Ether	160	0.9480	0.0160	1.2375	0.2367	0.0632	30	-1.22	12%	0
003.10	Fat, Soxtec, Pet Ether	202	0.9650	0.0500	1.2375	0.2367	0.0632	30	-1.15	11%	0
003.10	Fat, Soxtec, Pet Ether	123	1.0150	0.1100	1.2375	0.2367	0.0632	30	-0.94	9%	0
003.10	Fat, Soxtec, Pet Ether	119	1.0200	0.0400	1.2375	0.2367	0.0632	30	-0.92	9%	0
003.10	Fat, Soxtec, Pet Ether	242	1.0300	0.0200	1.2375	0.2367	0.0632	30	-0.88	8%	0
003.10	Fat, Soxtec, Pet Ether	298	1.0400	0.0200	1.2375	0.2367	0.0632	30	-0.83	8%	0
003.10	Fat, Soxtec, Pet Ether	89	1.0500	0.0000	1.2375	0.2367	0.0632	30	-0.79	8%	0
003.10	Fat, Soxtec, Pet Ether	305	1.1000	0.1000	1.2375	0.2367	0.0632	30	-0.58	6%	0
003.10	Fat, Soxtec, Pet Ether	695	1.1100	0.0400	1.2375	0.2367	0.0632	30	-0.54	5%	0
003.10	Fat, Soxtec, Pet Ether	728	1.1300	0.0400	1.2375	0.2367	0.0632	30	-0.45	4%	0
003.10	Fat, Soxtec, Pet Ether	98	1.1500	0.0000	1.2375	0.2367	0.0632	30	-0.37	4%	0
003.10	Fat, Soxtec, Pet Ether	693	1.1550	0.0500	1.2375	0.2367	0.0632	30	-0.35	3%	0
003.10	Fat, Soxtec, Pet Ether	45	1.1800	0.0800	1.2375	0.2367	0.0632	30	-0.24	2%	0
003.10	Fat, Soxtec, Pet Ether	178	1.2000	0.1000	1.2375	0.2367	0.0632	30	-0.16	2%	0
003.10	Fat, Soxtec, Pet Ether	366	1.2000	0.2000	1.2375	0.2367	0.0632	30	-0.16	2%	0
003.10	Fat, Soxtec, Pet Ether	629	1.2550	0.0500	1.2375	0.2367	0.0632	30	0.07	1%	0
003.10	Fat, Soxtec, Pet Ether	613	1.2650	0.0700	1.2375	0.2367	0.0632	30	0.12	1%	0
003.10	Fat, Soxtec, Pet Ether	42	1.2800	0.0200	1.2375	0.2367	0.0632	30	0.18	2%	0
003.10	Fat, Soxtec, Pet Ether	553	1.2950	0.0300	1.2375	0.2367	0.0632	30	0.24	2%	0
003.10	Fat, Soxtec, Pet Ether	720	1.3150	0.1300	1.2375	0.2367	0.0632	30	0.33	3%	0
003.10	Fat, Soxtec, Pet Ether	689	1.3500	0.1000	1.2375	0.2367	0.0632	30	0.48	5%	0
003.10	Fat, Soxtec, Pet Ether	100	1.4000	0.1400	1.2375	0.2367	0.0632	30	0.69	7%	0
003.10	Fat, Soxtec, Pet Ether	679	1.5200	0.1400	1.2375	0.2367	0.0632	30	1.19	11%	0
003.10	Fat, Soxtec, Pet Ether	607	1.6497	0.0728	1.2375	0.2367	0.0632	30	1.74	17%	0
003.10	Fat, Soxtec, Pet Ether	676	1.7250	0.0300	1.2375	0.2367	0.0632	30	2.06	20%	0
003.10	Fat, Soxtec, Pet Ether	868	1.9800	0.0400	1.2375	0.2367	0.0632	30	3.14	30%	0
003.10	Fat, Soxtec, Pet Ether	623	2.0904	0.0482	1.2375	0.2367	0.0632	30	3.60	34%	0
003.10	Fat, Soxtec, Pet Ether	716	2.3800	0.0400	1.2375	0.2367	0.0632	30	4.83	46%	0
003.10	Fat, Soxtec, Pet Ether	591	2.5100	0.1000	1.2375	0.2367	0.0632	30	5.38	51%	0
003.10	Fat, Soxtec, Pet Ether	618	0.9855	0.2810	1.2375	0.2367	0.0632	30	-1.06	10%	1
003.11	Fat, NIR	169	1.3350	0.0100	2.3063	1.1107	0.0075	4	-0.87	21%	0
003.11	Fat, NIR	665	1.5400	0.0000	2.3063	1.1107	0.0075	4	-0.69	17%	0
003.11	Fat, NIR	32	2.6000	0.0000	2.3063	1.1107	0.0075	4	0.26	6%	0

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003.11	Fat, NIR	720	3.7500	0.0200	2.3063	1.1107	0.0075	4	1.30	31%	0
003.12	Fat, Hexane Ext	878	1.4900	0.0400	1.8650	0.4438	0.0500	3	-0.84	10%	0
003.12	Fat, Hexane Ext	357	1.7500	0.1000	1.8650	0.4438	0.0500	3	-0.26	3%	0
003.12	Fat, Hexane Ext	670	2.3550	0.0100	1.8650	0.4438	0.0500	3	1.10	13%	0
003.13	Fat, Soxtec, Hexane Ext.	660	1.4050	0.0900	1.5791	0.1810	0.0766	7	-0.96	6%	0
003.13	Fat, Soxtec, Hexane Ext.	28	1.4350	0.0100	1.5791	0.1810	0.0766	7	-0.80	5%	0
003.13	Fat, Soxtec, Hexane Ext.	11	1.4700	0.1000	1.5791	0.1810	0.0766	7	-0.60	3%	0
003.13	Fat, Soxtec, Hexane Ext.	205	1.5680	0.0260	1.5791	0.1810	0.0766	7	-0.06	0%	0
003.13	Fat, Soxtec, Hexane Ext.	33	1.6300	0.2400	1.5791	0.1810	0.0766	7	0.28	2%	0
003.13	Fat, Soxtec, Hexane Ext.	646	1.6950	0.0700	1.5791	0.1810	0.0766	7	0.64	4%	0
003.13	Fat, Soxtec, Hexane Ext.	187	1.8700	0.0000	1.5791	0.1810	0.0766	7	1.61	9%	0
003.14	Fat, Ankom	853	1.3750	0.2900	1.7614	0.3163	0.1502	23	-1.22	11%	0
003.14	Fat, Ankom	550	1.3850	0.0300	1.7614	0.3163	0.1502	23	-1.19	11%	0
003.14	Fat, Ankom	21	1.3900	0.2000	1.7614	0.3163	0.1502	23	-1.17	11%	0
003.14	Fat, Ankom	598	1.4150	0.0100	1.7614	0.3163	0.1502	23	-1.10	10%	0
003.14	Fat, Ankom	108	1.4500	0.0000	1.7614	0.3163	0.1502	23	-0.98	9%	0
003.14	Fat, Ankom	529	1.4500	0.0200	1.7614	0.3163	0.1502	23	-0.98	9%	0
003.14	Fat, Ankom	175	1.4950	0.0700	1.7614	0.3163	0.1502	23	-0.84	8%	0
003.14	Fat, Ankom	144	1.5800	0.0800	1.7614	0.3163	0.1502	23	-0.57	5%	0
003.14	Fat, Ankom	520	1.6450	0.4700	1.7614	0.3163	0.1502	23	-0.37	3%	0
003.14	Fat, Ankom	278	1.7500	0.1000	1.7614	0.3163	0.1502	23	-0.04	0%	0
003.14	Fat, Ankom	563	1.7756	0.2151	1.7614	0.3163	0.1502	23	0.04	0%	0
003.14	Fat, Ankom	49	1.8250	0.2700	1.7614	0.3163	0.1502	23	0.20	2%	0
003.14	Fat, Ankom	581	1.8400	0.1600	1.7614	0.3163	0.1502	23	0.25	2%	0
003.14	Fat, Ankom	4	1.8500	0.0200	1.7614	0.3163	0.1502	23	0.28	3%	0
003.14	Fat, Ankom	413	1.8500	0.1000	1.7614	0.3163	0.1502	23	0.28	3%	0
003.14	Fat, Ankom	407	1.8900	0.0000	1.7614	0.3163	0.1502	23	0.41	4%	0
003.14	Fat, Ankom	567	1.9000	0.4000	1.7614	0.3163	0.1502	23	0.44	4%	0
003.14	Fat, Ankom	265	1.9500	0.3000	1.7614	0.3163	0.1502	23	0.60	5%	0
003.14	Fat, Ankom	229	2.0250	0.0100	1.7614	0.3163	0.1502	23	0.83	7%	0
003.14	Fat, Ankom	726	2.0500	0.0300	1.7614	0.3163	0.1502	23	0.91	8%	0
003.14	Fat, Ankom	19	2.1500	0.0800	1.7614	0.3163	0.1502	23	1.23	11%	0
003.14	Fat, Ankom	190	2.4050	0.3100	1.7614	0.3163	0.1502	23	2.03	18%	0
003.14	Fat, Ankom	848	3.1650	0.2900	1.7614	0.3163	0.1502	23	4.44	40%	0
003.99	Fat, Miscellaneous	738	1.4300	0.0000	1.6850	0.2194	0.0350	4	-1.16	8%	0
003.99	Fat, Miscellaneous	630	1.5750	0.0100	1.6850	0.2194	0.0350	4	-0.50	3%	0
003.99	Fat, Miscellaneous	546	1.8500	0.1200	1.6850	0.2194	0.0350	4	0.75	5%	0
003.99	Fat, Miscellaneous	47	1.8850	0.0100	1.6850	0.2194	0.0350	4	0.91	6%	0
003.99	Fat, Miscellaneous	727	1.5550	0.4100	1.6850	0.2194	0.0350	4	-0.59	4%	1
003.99	Fat, Miscellaneous	737	1.5100	0.0000	1.6850	0.2194	0.0350	4	-0.80	5%	8
004.00	Fiber, Crude Asbestos Free	647	19.3100	0.6800	24.5413	0.9212	0.1923	24	-5.68	11%	0
004.00	Fiber, Crude Asbestos Free	15	22.7450	0.2500	24.5413	0.9212	0.1923	24	-1.95	4%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
004.00	Fiber, Crude Asbestos Free	194	22.9950	0.0300	24.5413	0.9212	0.1923	24	-1.68	3%	0
004.00	Fiber, Crude Asbestos Free	871	23.2750	0.0100	24.5413	0.9212	0.1923	24	-1.37	3%	0
004.00	Fiber, Crude Asbestos Free	504	23.6100	0.2200	24.5413	0.9212	0.1923	24	-1.01	2%	0
004.00	Fiber, Crude Asbestos Free	169	23.8950	0.2300	24.5413	0.9212	0.1923	24	-0.70	1%	0
004.00	Fiber, Crude Asbestos Free	171	24.2100	0.4200	24.5413	0.9212	0.1923	24	-0.36	1%	0
004.00	Fiber, Crude Asbestos Free	353	24.3000	0.2800	24.5413	0.9212	0.1923	24	-0.26	0%	0
004.00	Fiber, Crude Asbestos Free	298	24.3800	0.0200	24.5413	0.9212	0.1923	24	-0.18	0%	0
004.00	Fiber, Crude Asbestos Free	199	24.3950	0.0300	24.5413	0.9212	0.1923	24	-0.16	0%	0
004.00	Fiber, Crude Asbestos Free	309	24.5350	0.1300	24.5413	0.9212	0.1923	24	-0.01	0%	0
004.00	Fiber, Crude Asbestos Free	164	24.5500	0.1000	24.5413	0.9212	0.1923	24	0.01	0%	0
004.00	Fiber, Crude Asbestos Free	509	24.5700	0.0400	24.5413	0.9212	0.1923	24	0.03	0%	0
004.00	Fiber, Crude Asbestos Free	425	24.7000	0.2000	24.5413	0.9212	0.1923	24	0.17	0%	0
004.00	Fiber, Crude Asbestos Free	596	24.7000	0.2000	24.5413	0.9212	0.1923	24	0.17	0%	0
004.00	Fiber, Crude Asbestos Free	695	24.8950	0.1500	24.5413	0.9212	0.1923	24	0.38	1%	0
004.00	Fiber, Crude Asbestos Free	511	24.9500	0.1000	24.5413	0.9212	0.1923	24	0.44	1%	0
004.00	Fiber, Crude Asbestos Free	559	25.1050	0.0500	24.5413	0.9212	0.1923	24	0.61	1%	0
004.00	Fiber, Crude Asbestos Free	175	25.2000	0.2000	24.5413	0.9212	0.1923	24	0.71	1%	0
004.00	Fiber, Crude Asbestos Free	884	25.3100	0.3600	24.5413	0.9212	0.1923	24	0.83	2%	0
004.00	Fiber, Crude Asbestos Free	563	25.3147	0.0643	24.5413	0.9212	0.1923	24	0.84	2%	0
004.00	Fiber, Crude Asbestos Free	354	25.6150	0.2500	24.5413	0.9212	0.1923	24	1.17	2%	0
004.00	Fiber, Crude Asbestos Free	208	26.3500	0.1000	24.5413	0.9212	0.1923	24	1.96	4%	0
004.00	Fiber, Crude Asbestos Free	226	28.0500	0.5000	24.5413	0.9212	0.1923	24	3.81	7%	0
004.00	Fiber, Crude Asbestos Free	9	22.7750	1.0500	24.5413	0.9212	0.1923	24	-1.92	4%	1
004.01	Fiber, Sing Filt	45	26.5500	0.5000	26.8500	0.4243	0.4000	2	-0.71	1%	0
004.01	Fiber, Sing Filt	366	27.1500	0.3000	26.8500	0.4243	0.4000	2	0.71	1%	0
004.03	Fiber, Fritted Glass	626	26.4200	0.1800	27.0400	0.8768	0.3100	2	-0.71	1%	0
004.03	Fiber, Fritted Glass	693	27.6600	0.4400	27.0400	0.8768	0.3100	2	0.71	1%	0
004.06	Fiber, Fibertec	205	23.4000	0.2000	25.3805	0.8958	0.2229	30	-2.21	4%	0
004.06	Fiber, Fibertec	868	23.4900	0.4800	25.3805	0.8958	0.2229	30	-2.11	4%	0
004.06	Fiber, Fibertec	98	23.8900	0.2800	25.3805	0.8958	0.2229	30	-1.66	3%	0
004.06	Fiber, Fibertec	590	23.9800	1.2400	25.3805	0.8958	0.2229	30	-1.56	3%	0
004.06	Fiber, Fibertec	552	24.4100	0.0200	25.3805	0.8958	0.2229	30	-1.08	2%	0
004.06	Fiber, Fibertec	27	24.6750	0.5300	25.3805	0.8958	0.2229	30	-0.79	1%	0
004.06	Fiber, Fibertec	848	24.7000	0.0600	25.3805	0.8958	0.2229	30	-0.76	1%	0
004.06	Fiber, Fibertec	675	24.8200	0.0200	25.3805	0.8958	0.2229	30	-0.63	1%	0
004.06	Fiber, Fibertec	38	24.8400	0.1200	25.3805	0.8958	0.2229	30	-0.60	1%	0
004.06	Fiber, Fibertec	607	24.8720	0.0500	25.3805	0.8958	0.2229	30	-0.57	1%	0
004.06	Fiber, Fibertec	866	24.9300	0.0400	25.3805	0.8958	0.2229	30	-0.50	1%	0
004.06	Fiber, Fibertec	512	24.9400	0.0400	25.3805	0.8958	0.2229	30	-0.49	1%	0
004.06	Fiber, Fibertec	689	25.2000	0.4000	25.3805	0.8958	0.2229	30	-0.20	0%	0
004.06	Fiber, Fibertec	354	25.4950	0.0100	25.3805	0.8958	0.2229	30	0.13	0%	0
004.06	Fiber, Fibertec	591	25.5200	0.1400	25.3805	0.8958	0.2229	30	0.16	0%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Fibertec	673	25.5500	0.1000	25.3805	0.8958	0.2229	30	0.19	0%	0
004.06	Fiber, Fibertec	609	25.6550	0.1500	25.3805	0.8958	0.2229	30	0.31	1%	0
004.06	Fiber, Fibertec	610	25.7500	0.7000	25.3805	0.8958	0.2229	30	0.41	1%	0
004.06	Fiber, Fibertec	723	25.7500	0.1000	25.3805	0.8958	0.2229	30	0.41	1%	0
004.06	Fiber, Fibertec	674	25.7650	0.0500	25.3805	0.8958	0.2229	30	0.43	1%	0
004.06	Fiber, Fibertec	676	25.7900	0.4200	25.3805	0.8958	0.2229	30	0.46	1%	0
004.06	Fiber, Fibertec	350	25.8260	0.0280	25.3805	0.8958	0.2229	30	0.50	1%	0
004.06	Fiber, Fibertec	685	25.8650	0.0100	25.3805	0.8958	0.2229	30	0.54	1%	0
004.06	Fiber, Fibertec	716	26.0100	0.1600	25.3805	0.8958	0.2229	30	0.70	1%	0
004.06	Fiber, Fibertec	878	26.1500	0.3000	25.3805	0.8958	0.2229	30	0.86	2%	0
004.06	Fiber, Fibertec	670	26.2350	0.0500	25.3805	0.8958	0.2229	30	0.95	2%	0
004.06	Fiber, Fibertec	638	26.3500	0.1000	25.3805	0.8958	0.2229	30	1.08	2%	0
004.06	Fiber, Fibertec	178	26.4550	0.4300	25.3805	0.8958	0.2229	30	1.20	2%	0
004.06	Fiber, Fibertec	613	26.6850	0.2500	25.3805	0.8958	0.2229	30	1.46	3%	0
004.06	Fiber, Fibertec	845	26.8850	0.2100	25.3805	0.8958	0.2229	30	1.68	3%	0
004.06	Fiber, Fibertec	728	28.1400	2.3600	25.3805	0.8958	0.2229	30	3.08	5%	1
004.06	Fiber, Fibertec	722	11.8283	0.1755	25.3805	0.8958	0.2229	30	-15.13	27%	2
004.07	Fiber, ANKOM	4	20.3950	0.0700	24.7200	1.2094	0.5171	48	-3.58	9%	0
004.07	Fiber, ANKOM	32	22.1500	1.5000	24.7200	1.2094	0.5171	48	-2.13	5%	0
004.07	Fiber, ANKOM	123	22.9900	1.9600	24.7200	1.2094	0.5171	48	-1.43	3%	0
004.07	Fiber, ANKOM	505	23.2400	0.2600	24.7200	1.2094	0.5171	48	-1.22	3%	0
004.07	Fiber, ANKOM	242	23.2500	0.1400	24.7200	1.2094	0.5171	48	-1.22	3%	0
004.07	Fiber, ANKOM	26	23.3250	0.1900	24.7200	1.2094	0.5171	48	-1.15	3%	0
004.07	Fiber, ANKOM	35	23.3600	0.0600	24.7200	1.2094	0.5171	48	-1.12	3%	0
004.07	Fiber, ANKOM	567	23.4500	0.5000	24.7200	1.2094	0.5171	48	-1.05	3%	0
004.07	Fiber, ANKOM	229	23.5750	0.3500	24.7200	1.2094	0.5171	48	-0.95	2%	0
004.07	Fiber, ANKOM	100	23.7550	0.0100	24.7200	1.2094	0.5171	48	-0.80	2%	0
004.07	Fiber, ANKOM	98	23.7900	0.6400	24.7200	1.2094	0.5171	48	-0.77	2%	0
004.07	Fiber, ANKOM	190	23.8900	0.1400	24.7200	1.2094	0.5171	48	-0.69	2%	0
004.07	Fiber, ANKOM	278	23.9000	0.4000	24.7200	1.2094	0.5171	48	-0.68	2%	0
004.07	Fiber, ANKOM	554	24.0000	2.2000	24.7200	1.2094	0.5171	48	-0.60	1%	0
004.07	Fiber, ANKOM	726	24.0100	0.0140	24.7200	1.2094	0.5171	48	-0.59	1%	0
004.07	Fiber, ANKOM	581	24.2000	0.2800	24.7200	1.2094	0.5171	48	-0.43	1%	0
004.07	Fiber, ANKOM	510	24.2500	0.5000	24.7200	1.2094	0.5171	48	-0.39	1%	0
004.07	Fiber, ANKOM	3	24.3400	0.2200	24.7200	1.2094	0.5171	48	-0.31	1%	0
004.07	Fiber, ANKOM	682	24.3500	2.1000	24.7200	1.2094	0.5171	48	-0.31	1%	0
004.07	Fiber, ANKOM	646	24.4650	0.0700	24.7200	1.2094	0.5171	48	-0.21	1%	0
004.07	Fiber, ANKOM	870	24.5385	0.0558	24.7200	1.2094	0.5171	48	-0.15	0%	0
004.07	Fiber, ANKOM	643	24.5450	0.2900	24.7200	1.2094	0.5171	48	-0.14	0%	0
004.07	Fiber, ANKOM	849	24.5550	0.0700	24.7200	1.2094	0.5171	48	-0.14	0%	0
004.07	Fiber, ANKOM	529	24.5700	0.3000	24.7200	1.2094	0.5171	48	-0.12	0%	0
004.07	Fiber, ANKOM	33	24.7500	0.3000	24.7200	1.2094	0.5171	48	0.02	0%	0

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004.07	Fiber, ANKOM	563	24.7871	0.1933	24.7200	1.2094	0.5171	48	0.06	0%	0
004.07	Fiber, ANKOM	307	24.8000	0.4000	24.7200	1.2094	0.5171	48	0.07	0%	0
004.07	Fiber, ANKOM	121	24.8175	0.6790	24.7200	1.2094	0.5171	48	0.08	0%	0
004.07	Fiber, ANKOM	89	24.8600	0.0200	24.7200	1.2094	0.5171	48	0.12	0%	0
004.07	Fiber, ANKOM	679	24.9500	0.1200	24.7200	1.2094	0.5171	48	0.19	0%	0
004.07	Fiber, ANKOM	520	25.0750	0.7500	24.7200	1.2094	0.5171	48	0.29	1%	0
004.07	Fiber, ANKOM	407	25.1050	0.1900	24.7200	1.2094	0.5171	48	0.32	1%	0
004.07	Fiber, ANKOM	413	25.1500	0.7000	24.7200	1.2094	0.5171	48	0.36	1%	0
004.07	Fiber, ANKOM	74	25.1850	0.3900	24.7200	1.2094	0.5171	48	0.38	1%	0
004.07	Fiber, ANKOM	144	25.3850	0.0300	24.7200	1.2094	0.5171	48	0.55	1%	0
004.07	Fiber, ANKOM	354	25.4250	0.5300	24.7200	1.2094	0.5171	48	0.58	1%	0
004.07	Fiber, ANKOM	8	25.4600	0.2200	24.7200	1.2094	0.5171	48	0.61	1%	0
004.07	Fiber, ANKOM	13	25.7000	0.2600	24.7200	1.2094	0.5171	48	0.81	2%	0
004.07	Fiber, ANKOM	11	25.8700	0.1000	24.7200	1.2094	0.5171	48	0.95	2%	0
004.07	Fiber, ANKOM	28	26.0500	0.7000	24.7200	1.2094	0.5171	48	1.10	3%	0
004.07	Fiber, ANKOM	202	26.5300	0.8800	24.7200	1.2094	0.5171	48	1.50	4%	0
004.07	Fiber, ANKOM	42	27.0600	0.9200	24.7200	1.2094	0.5171	48	1.93	5%	0
004.07	Fiber, ANKOM	300	27.1349	1.6599	24.7200	1.2094	0.5171	48	2.00	5%	0
004.07	Fiber, ANKOM	294	27.6000	0.2000	24.7200	1.2094	0.5171	48	2.38	6%	0
004.07	Fiber, ANKOM	607	27.7333	1.0898	24.7200	1.2094	0.5171	48	2.49	6%	0
004.07	Fiber, ANKOM	553	27.9100	0.6600	24.7200	1.2094	0.5171	48	2.64	6%	0
004.07	Fiber, ANKOM	19	30.0300	0.8600	24.7200	1.2094	0.5171	48	4.39	11%	0
004.07	Fiber, ANKOM	708	30.5150	0.6500	24.7200	1.2094	0.5171	48	4.79	12%	0
004.07	Fiber, ANKOM	265	30.3500	13.7000	24.7200	1.2094	0.5171	48	4.66	11%	1
004.07	Fiber, ANKOM	122	3.3500	0.0400	24.7200	1.2094	0.5171	48	-17.67	43%	2
004.11	Fiber, NIR	32	21.9000	0.4000	25.6769	1.9512	0.5304	7	-1.94	7%	0
004.11	Fiber, NIR	178	24.6550	0.1700	25.6769	1.9512	0.5304	7	-0.52	2%	0
004.11	Fiber, NIR	11	25.2500	0.1000	25.6769	1.9512	0.5304	7	-0.22	1%	0
004.11	Fiber, NIR	567	25.3000	0.4000	25.6769	1.9512	0.5304	7	-0.19	1%	0
004.11	Fiber, NIR	727	26.4085	0.8730	25.6769	1.9512	0.5304	7	0.37	1%	0
004.11	Fiber, NIR	665	27.5250	0.0900	25.6769	1.9512	0.5304	7	0.95	4%	0
004.11	Fiber, NIR	169	30.6500	1.6800	25.6769	1.9512	0.5304	7	2.55	10%	0
004.99	Fiber, Miscellaneous	598	22.3400	0.0000	23.5817	1.0766	0.3233	3	-1.15	3%	0
004.99	Fiber, Miscellaneous	629	24.1500	0.7000	23.5817	1.0766	0.3233	3	0.53	1%	0
004.99	Fiber, Miscellaneous	588	24.2550	0.2700	23.5817	1.0766	0.3233	3	0.63	1%	0
005.00	Ash,	732	9.9800	0.0200	10.6849	0.1783	0.0854	99	-3.95	3%	0
005.00	Ash,	169	10.2250	0.1100	10.6849	0.1783	0.0854	99	-2.58	2%	0
005.00	Ash,	417	10.2450	0.2300	10.6849	0.1783	0.0854	99	-2.47	2%	0
005.00	Ash,	796	10.2550	0.2100	10.6849	0.1783	0.0854	99	-2.41	2%	0
005.00	Ash,	407	10.2950	0.1300	10.6849	0.1783	0.0854	99	-2.19	2%	0
005.00	Ash,	818	10.3500	0.1000	10.6849	0.1783	0.0854	99	-1.88	2%	0
005.00	Ash,	358	10.4000	0.3400	10.6849	0.1783	0.0854	99	-1.60	1%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
005.00	Ash,	539	10.4052	0.1108	10.6849	0.1783	0.0854	99	-1.57	1%	0
005.00	Ash,	853	10.4200	0.1800	10.6849	0.1783	0.0854	99	-1.49	1%	0
005.00	Ash,	194	10.4400	0.0200	10.6849	0.1783	0.0854	99	-1.37	1%	0
005.00	Ash,	774	10.4700	0.2400	10.6849	0.1783	0.0854	99	-1.21	1%	0
005.00	Ash,	425	10.4750	0.0900	10.6849	0.1783	0.0854	99	-1.18	1%	0
005.00	Ash,	596	10.5000	0.2000	10.6849	0.1783	0.0854	99	-1.04	1%	0
005.00	Ash,	171	10.5150	0.1100	10.6849	0.1783	0.0854	99	-0.95	1%	0
005.00	Ash,	623	10.5238	0.0344	10.6849	0.1783	0.0854	99	-0.90	1%	0
005.00	Ash,	670	10.5250	0.0100	10.6849	0.1783	0.0854	99	-0.90	1%	0
005.00	Ash,	808	10.5250	0.0100	10.6849	0.1783	0.0854	99	-0.90	1%	0
005.00	Ash,	650	10.5300	0.0000	10.6849	0.1783	0.0854	99	-0.87	1%	0
005.00	Ash,	759	10.5300	0.0000	10.6849	0.1783	0.0854	99	-0.87	1%	0
005.00	Ash,	49	10.5350	0.0700	10.6849	0.1783	0.0854	99	-0.84	1%	0
005.00	Ash,	139	10.5350	0.0300	10.6849	0.1783	0.0854	99	-0.84	1%	0
005.00	Ash,	870	10.5420	0.0553	10.6849	0.1783	0.0854	99	-0.80	1%	0
005.00	Ash,	609	10.5500	0.0800	10.6849	0.1783	0.0854	99	-0.76	1%	0
005.00	Ash,	675	10.5500	0.0200	10.6849	0.1783	0.0854	99	-0.76	1%	0
005.00	Ash,	723	10.5650	0.0500	10.6849	0.1783	0.0854	99	-0.67	1%	0
005.00	Ash,	613	10.5650	0.0300	10.6849	0.1783	0.0854	99	-0.67	1%	0
005.00	Ash,	651	10.5675	0.0090	10.6849	0.1783	0.0854	99	-0.66	1%	0
005.00	Ash,	160	10.5760	0.1480	10.6849	0.1783	0.0854	99	-0.61	1%	0
005.00	Ash,	1	10.5850	0.0700	10.6849	0.1783	0.0854	99	-0.56	0%	0
005.00	Ash,	643	10.5900	0.1000	10.6849	0.1783	0.0854	99	-0.53	0%	0
005.00	Ash,	297	10.6000	0.2000	10.6849	0.1783	0.0854	99	-0.48	0%	0
005.00	Ash,	26	10.6050	0.0300	10.6849	0.1783	0.0854	99	-0.45	0%	0
005.00	Ash,	89	10.6050	0.0300	10.6849	0.1783	0.0854	99	-0.45	0%	0
005.00	Ash,	505	10.6050	0.0300	10.6849	0.1783	0.0854	99	-0.45	0%	0
005.00	Ash,	35	10.6100	0.0200	10.6849	0.1783	0.0854	99	-0.42	0%	0
005.00	Ash,	305	10.6100	0.1000	10.6849	0.1783	0.0854	99	-0.42	0%	0
005.00	Ash,	65	10.6113	0.0175	10.6849	0.1783	0.0854	99	-0.41	0%	0
005.00	Ash,	278	10.6200	0.0200	10.6849	0.1783	0.0854	99	-0.36	0%	0
005.00	Ash,	682	10.6200	0.0600	10.6849	0.1783	0.0854	99	-0.36	0%	0
005.00	Ash,	740	10.6300	0.0400	10.6849	0.1783	0.0854	99	-0.31	0%	0
005.00	Ash,	199	10.6350	0.0300	10.6849	0.1783	0.0854	99	-0.28	0%	0
005.00	Ash,	175	10.6500	0.1000	10.6849	0.1783	0.0854	99	-0.20	0%	0
005.00	Ash,	781	10.6550	0.0700	10.6849	0.1783	0.0854	99	-0.17	0%	0
005.00	Ash,	100	10.6600	0.0200	10.6849	0.1783	0.0854	99	-0.14	0%	0
005.00	Ash,	178	10.6600	0.1000	10.6849	0.1783	0.0854	99	-0.14	0%	0
005.00	Ash,	758	10.6600	0.0200	10.6849	0.1783	0.0854	99	-0.14	0%	0
005.00	Ash,	138	10.6650	0.0300	10.6849	0.1783	0.0854	99	-0.11	0%	0
005.00	Ash,	553	10.6650	0.0500	10.6849	0.1783	0.0854	99	-0.11	0%	0
005.00	Ash,	520	10.6700	0.1000	10.6849	0.1783	0.0854	99	-0.08	0%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
005.00	Ash,	889	10.6850	0.0500	10.6849	0.1783	0.0854	99	0.00	0%	0
005.00	Ash,	98	10.6900	0.0000	10.6849	0.1783	0.0854	99	0.03	0%	0
005.00	Ash,	618	10.6986	0.0219	10.6849	0.1783	0.0854	99	0.08	0%	0
005.00	Ash,	164	10.7000	0.0200	10.6849	0.1783	0.0854	99	0.08	0%	0
005.00	Ash,	722	10.7001	0.0074	10.6849	0.1783	0.0854	99	0.09	0%	0
005.00	Ash,	559	10.7050	0.0300	10.6849	0.1783	0.0854	99	0.11	0%	0
005.00	Ash,	590	10.7100	0.0400	10.6849	0.1783	0.0854	99	0.14	0%	0
005.00	Ash,	689	10.7250	0.2100	10.6849	0.1783	0.0854	99	0.22	0%	0
005.00	Ash,	83	10.7250	0.1500	10.6849	0.1783	0.0854	99	0.22	0%	0
005.00	Ash,	298	10.7300	0.0200	10.6849	0.1783	0.0854	99	0.25	0%	0
005.00	Ash,	767	10.7300	0.1200	10.6849	0.1783	0.0854	99	0.25	0%	0
005.00	Ash,	38	10.7400	0.0200	10.6849	0.1783	0.0854	99	0.31	0%	0
005.00	Ash,	148	10.7500	0.0600	10.6849	0.1783	0.0854	99	0.37	0%	0
005.00	Ash,	674	10.7500	0.0400	10.6849	0.1783	0.0854	99	0.37	0%	0
005.00	Ash,	849	10.7500	0.0600	10.6849	0.1783	0.0854	99	0.37	0%	0
005.00	Ash,	350	10.7525	0.0070	10.6849	0.1783	0.0854	99	0.38	0%	0
005.00	Ash,	187	10.7550	0.0500	10.6849	0.1783	0.0854	99	0.39	0%	0
005.00	Ash,	541	10.7550	0.2700	10.6849	0.1783	0.0854	99	0.39	0%	0
005.00	Ash,	693	10.7550	0.0900	10.6849	0.1783	0.0854	99	0.39	0%	0
005.00	Ash,	229	10.7600	0.0400	10.6849	0.1783	0.0854	99	0.42	0%	0
005.00	Ash,	563	10.7658	0.0378	10.6849	0.1783	0.0854	99	0.45	0%	0
005.00	Ash,	15	10.7800	0.0800	10.6849	0.1783	0.0854	99	0.53	0%	0
005.00	Ash,	884	10.7900	0.0200	10.6849	0.1783	0.0854	99	0.59	0%	0
005.00	Ash,	309	10.7950	0.0300	10.6849	0.1783	0.0854	99	0.62	1%	0
005.00	Ash,	819	10.7950	0.0100	10.6849	0.1783	0.0854	99	0.62	1%	0
005.00	Ash,	354	10.8000	0.1600	10.6849	0.1783	0.0854	99	0.65	1%	0
005.00	Ash,	357	10.8000	0.0000	10.6849	0.1783	0.0854	99	0.65	1%	0
005.00	Ash,	880	10.8150	0.0700	10.6849	0.1783	0.0854	99	0.73	1%	0
005.00	Ash,	353	10.8200	0.0400	10.6849	0.1783	0.0854	99	0.76	1%	0
005.00	Ash,	242	10.8250	0.0300	10.6849	0.1783	0.0854	99	0.79	1%	0
005.00	Ash,	784	10.8300	0.0600	10.6849	0.1783	0.0854	99	0.81	1%	0
005.00	Ash,	622	10.8481	0.1294	10.6849	0.1783	0.0854	99	0.92	1%	0
005.00	Ash,	646	10.8600	0.1200	10.6849	0.1783	0.0854	99	0.98	1%	0
005.00	Ash,	660	10.8600	0.0600	10.6849	0.1783	0.0854	99	0.98	1%	0
005.00	Ash,	830	10.8600	0.1800	10.6849	0.1783	0.0854	99	0.98	1%	0
005.00	Ash,	552	10.8850	0.0300	10.6849	0.1783	0.0854	99	1.12	1%	0
005.00	Ash,	510	10.8900	0.0600	10.6849	0.1783	0.0854	99	1.15	1%	0
005.00	Ash,	226	10.9000	0.2000	10.6849	0.1783	0.0854	99	1.21	1%	0
005.00	Ash,	567	10.9000	0.2000	10.6849	0.1783	0.0854	99	1.21	1%	0
005.00	Ash,	720	10.9150	0.1900	10.6849	0.1783	0.0854	99	1.29	1%	0
005.00	Ash,	144	10.9550	0.0100	10.6849	0.1783	0.0854	99	1.51	1%	0
005.00	Ash,	620	10.9650	0.0700	10.6849	0.1783	0.0854	99	1.57	1%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
005.00	Ash,	504	10.9850	0.2700	10.6849	0.1783	0.0854	99	1.68	1%	0
005.00	Ash,	265	11.0000	0.2000	10.6849	0.1783	0.0854	99	1.77	1%	0
005.00	Ash,	581	11.0100	0.0600	10.6849	0.1783	0.0854	99	1.82	2%	0
005.00	Ash,	108	11.0300	0.1200	10.6849	0.1783	0.0854	99	1.94	2%	0
005.00	Ash,	413	11.0500	0.3000	10.6849	0.1783	0.0854	99	2.05	2%	0
005.00	Ash,	658	11.1916	0.1322	10.6849	0.1783	0.0854	99	2.84	2%	0
005.00	Ash,	591	11.2500	0.1200	10.6849	0.1783	0.0854	99	3.17	3%	0
005.00	Ash,	630	11.3300	0.2800	10.6849	0.1783	0.0854	99	3.62	3%	0
005.00	Ash,	307	10.9500	0.5000	10.6849	0.1783	0.0854	99	1.49	1%	1
005.00	Ash,	829	9.8750	0.8100	10.6849	0.1783	0.0854	99	-4.54	4%	8
005.00	Ash,	733	9.8900	0.0200	10.6849	0.1783	0.0854	99	-4.46	4%	8
005.00	Ash,	801	10.2550	0.0300	10.6849	0.1783	0.0854	99	-2.41	2%	8
005.00	Ash,	800	10.2750	0.1500	10.6849	0.1783	0.0854	99	-2.30	2%	8
005.00	Ash,	780	10.3050	0.0500	10.6849	0.1783	0.0854	99	-2.13	2%	8
005.00	Ash,	806	10.3500	0.0800	10.6849	0.1783	0.0854	99	-1.88	2%	8
005.00	Ash,	776	10.3700	0.0200	10.6849	0.1783	0.0854	99	-1.77	1%	8
005.00	Ash,	815	10.3700	0.1400	10.6849	0.1783	0.0854	99	-1.77	1%	8
005.00	Ash,	816	10.4000	0.0000	10.6849	0.1783	0.0854	99	-1.60	1%	8
005.00	Ash,	817	10.4050	0.0300	10.6849	0.1783	0.0854	99	-1.57	1%	8
005.00	Ash,	804	10.4100	0.0800	10.6849	0.1783	0.0854	99	-1.54	1%	8
005.00	Ash,	814	10.4100	0.1000	10.6849	0.1783	0.0854	99	-1.54	1%	8
005.00	Ash,	805	10.4250	0.0900	10.6849	0.1783	0.0854	99	-1.46	1%	8
005.00	Ash,	778	10.4350	0.0500	10.6849	0.1783	0.0854	99	-1.40	1%	8
005.00	Ash,	813	10.4350	0.0700	10.6849	0.1783	0.0854	99	-1.40	1%	8
005.00	Ash,	797	10.4550	0.0500	10.6849	0.1783	0.0854	99	-1.29	1%	8
005.00	Ash,	807	10.4750	0.0100	10.6849	0.1783	0.0854	99	-1.18	1%	8
005.00	Ash,	760	10.5000	0.1600	10.6849	0.1783	0.0854	99	-1.04	1%	8
005.00	Ash,	762	10.5000	0.0200	10.6849	0.1783	0.0854	99	-1.04	1%	8
005.00	Ash,	812	10.5000	0.0200	10.6849	0.1783	0.0854	99	-1.04	1%	8
005.00	Ash,	798	10.5150	0.0900	10.6849	0.1783	0.0854	99	-0.95	1%	8
005.00	Ash,	809	10.5150	0.1100	10.6849	0.1783	0.0854	99	-0.95	1%	8
005.00	Ash,	752	10.5350	0.0900	10.6849	0.1783	0.0854	99	-0.84	1%	8
005.00	Ash,	761	10.5350	0.0100	10.6849	0.1783	0.0854	99	-0.84	1%	8
005.00	Ash,	811	10.5400	0.0200	10.6849	0.1783	0.0854	99	-0.81	1%	8
005.00	Ash,	763	10.5700	0.1000	10.6849	0.1783	0.0854	99	-0.64	1%	8
005.00	Ash,	770	10.5750	0.0100	10.6849	0.1783	0.0854	99	-0.62	1%	8
005.00	Ash,	756	10.5850	0.0500	10.6849	0.1783	0.0854	99	-0.56	0%	8
005.00	Ash,	775	10.5850	0.1100	10.6849	0.1783	0.0854	99	-0.56	0%	8
005.00	Ash,	769	10.5900	0.0200	10.6849	0.1783	0.0854	99	-0.53	0%	8
005.00	Ash,	751	10.6050	0.0300	10.6849	0.1783	0.0854	99	-0.45	0%	8
005.00	Ash,	757	10.6050	0.0900	10.6849	0.1783	0.0854	99	-0.45	0%	8
005.00	Ash,	748	10.6100	0.1800	10.6849	0.1783	0.0854	99	-0.42	0%	8

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			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
005.00	Ash,	754	10.6100	0.1400	10.6849	0.1783	0.0854	99	-0.42	0%	8
005.00	Ash,	834	10.6100	0.0200	10.6849	0.1783	0.0854	99	-0.42	0%	8
005.00	Ash,	764	10.6150	0.0100	10.6849	0.1783	0.0854	99	-0.39	0%	8
005.00	Ash,	750	10.6250	0.0700	10.6849	0.1783	0.0854	99	-0.34	0%	8
005.00	Ash,	735	10.6300	0.0200	10.6849	0.1783	0.0854	99	-0.31	0%	8
005.00	Ash,	745	10.6350	0.0700	10.6849	0.1783	0.0854	99	-0.28	0%	8
005.00	Ash,	828	10.6350	0.0900	10.6849	0.1783	0.0854	99	-0.28	0%	8
005.00	Ash,	736	10.6350	0.0100	10.6849	0.1783	0.0854	99	-0.28	0%	8
005.00	Ash,	755	10.6500	0.1000	10.6849	0.1783	0.0854	99	-0.20	0%	8
005.00	Ash,	810	10.6500	0.0600	10.6849	0.1783	0.0854	99	-0.20	0%	8
005.00	Ash,	747	10.6650	0.1500	10.6849	0.1783	0.0854	99	-0.11	0%	8
005.00	Ash,	742	10.6700	0.1000	10.6849	0.1783	0.0854	99	-0.08	0%	8
005.00	Ash,	749	10.6800	0.0200	10.6849	0.1783	0.0854	99	-0.03	0%	8
005.00	Ash,	782	10.6900	0.0200	10.6849	0.1783	0.0854	99	0.03	0%	8
005.00	Ash,	765	10.6900	0.0600	10.6849	0.1783	0.0854	99	0.03	0%	8
005.00	Ash,	741	10.6950	0.0300	10.6849	0.1783	0.0854	99	0.06	0%	8
005.00	Ash,	744	10.6950	0.2100	10.6849	0.1783	0.0854	99	0.06	0%	8
005.00	Ash,	753	10.6950	0.0300	10.6849	0.1783	0.0854	99	0.06	0%	8
005.00	Ash,	734	10.7000	0.1000	10.6849	0.1783	0.0854	99	0.08	0%	8
005.00	Ash,	739	10.7250	0.1100	10.6849	0.1783	0.0854	99	0.22	0%	8
005.00	Ash,	771	10.7400	0.1000	10.6849	0.1783	0.0854	99	0.31	0%	8
005.00	Ash,	746	10.7650	0.0100	10.6849	0.1783	0.0854	99	0.45	0%	8
005.00	Ash,	743	10.7800	0.0200	10.6849	0.1783	0.0854	99	0.53	0%	8
005.00	Ash,	772	10.8000	0.0200	10.6849	0.1783	0.0854	99	0.65	1%	8
005.00	Ash,	821	10.8050	0.0900	10.6849	0.1783	0.0854	99	0.67	1%	8
005.00	Ash,	777	10.8100	0.0400	10.6849	0.1783	0.0854	99	0.70	1%	8
005.00	Ash,	783	10.8550	0.0900	10.6849	0.1783	0.0854	99	0.95	1%	8
005.00	Ash,	822	10.9000	0.4400	10.6849	0.1783	0.0854	99	1.21	1%	8
005.00	Ash,	785	10.9450	0.0100	10.6849	0.1783	0.0854	99	1.46	1%	8
005.02	Ash, LECO	610	10.7900	0.0000			0.0000	1			
005.03	Ash, Microwave furnace	665	10.7400	0.0000			0.0000	1			
005.05	Ash, 3h @ 550°C	685	9.8050	0.0100	10.9230	0.4388	0.0786	14	-2.55	5%	0
005.05	Ash, 3h @ 550°C	33	10.5000	0.2000	10.9230	0.4388	0.0786	14	-0.96	2%	0
005.05	Ash, 3h @ 550°C	294	10.5000	0.0000	10.9230	0.4388	0.0786	14	-0.96	2%	0
005.05	Ash, 3h @ 550°C	121	10.5750	0.0700	10.9230	0.4388	0.0786	14	-0.79	2%	0
005.05	Ash, 3h @ 550°C	679	10.8050	0.0100	10.9230	0.4388	0.0786	14	-0.27	1%	0
005.05	Ash, 3h @ 550°C	868	10.8650	0.0100	10.9230	0.4388	0.0786	14	-0.13	0%	0
005.05	Ash, 3h @ 550°C	878	10.9000	0.0000	10.9230	0.4388	0.0786	14	-0.05	0%	0
005.05	Ash, 3h @ 550°C	879	10.9200	0.0200	10.9230	0.4388	0.0786	14	-0.01	0%	0
005.05	Ash, 3h @ 550°C	695	11.0100	0.2400	10.9230	0.4388	0.0786	14	0.20	0%	0
005.05	Ash, 3h @ 550°C	588	11.0300	0.0800	10.9230	0.4388	0.0786	14	0.24	0%	0
005.05	Ash, 3h @ 550°C	866	11.1930	0.0300	10.9230	0.4388	0.0786	14	0.62	1%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
005.05	Ash, 3h @ 550°C	864	11.2200	0.3400	10.9230	0.4388	0.0786	14	0.68	1%	0
005.05	Ash, 3h @ 550°C	882	11.8500	0.0800	10.9230	0.4388	0.0786	14	2.11	4%	0
005.05	Ash, 3h @ 550°C	871	14.3950	0.0100	10.9230	0.4388	0.0786	14	7.91	16%	0
005.11	Ash, NIR	727	10.2680	0.0320	12.2133	2.1018	0.0355	4	-0.93	8%	0
005.11	Ash, NIR	720	11.6400	0.0600	12.2133	2.1018	0.0355	4	-0.27	2%	0
005.11	Ash, NIR	178	11.7450	0.0500	12.2133	2.1018	0.0355	4	-0.22	2%	0
005.11	Ash, NIR	665	15.2000	0.0000	12.2133	2.1018	0.0355	4	1.42	12%	0
005.99	Ash, Miscellaneous	826	9.7050	0.0900	10.8017	0.2050	0.0725	8	-5.35	5%	0
005.99	Ash, Miscellaneous	616	10.4600	0.0600	10.8017	0.2050	0.0725	8	-1.67	2%	0
005.99	Ash, Miscellaneous	728	10.6950	0.1700	10.8017	0.2050	0.0725	8	-0.52	0%	0
005.99	Ash, Miscellaneous	673	10.8000	0.0000	10.8017	0.2050	0.0725	8	-0.01	0%	0
005.99	Ash, Miscellaneous	628	10.8700	0.1600	10.8017	0.2050	0.0725	8	0.33	0%	0
005.99	Ash, Miscellaneous	727	10.8750	0.0500	10.8017	0.2050	0.0725	8	0.36	0%	0
005.99	Ash, Miscellaneous	546	10.9300	0.0400	10.8017	0.2050	0.0725	8	0.63	1%	0
005.99	Ash, Miscellaneous	202	11.6450	0.0100	10.8017	0.2050	0.0725	8	4.11	4%	0
008.02	Fiber, Acid Detergent	728	29.8850	0.2900	31.6433	1.4154	0.3643	14	-1.24	3%	0
008.02	Fiber, Acid Detergent	675	30.2850	0.3700	31.6433	1.4154	0.3643	14	-0.96	2%	0
008.02	Fiber, Acid Detergent	353	30.3700	1.2400	31.6433	1.4154	0.3643	14	-0.90	2%	0
008.02	Fiber, Acid Detergent	689	30.6500	0.1000	31.6433	1.4154	0.3643	14	-0.70	2%	0
008.02	Fiber, Acid Detergent	178	30.6900	0.7000	31.6433	1.4154	0.3643	14	-0.67	2%	0
008.02	Fiber, Acid Detergent	98	30.9350	0.7100	31.6433	1.4154	0.3643	14	-0.50	1%	0
008.02	Fiber, Acid Detergent	35	31.4600	0.0600	31.6433	1.4154	0.3643	14	-0.13	0%	0
008.02	Fiber, Acid Detergent	504	31.8000	0.7800	31.6433	1.4154	0.3643	14	0.11	0%	0
008.02	Fiber, Acid Detergent	148	32.0100	0.0000	31.6433	1.4154	0.3643	14	0.26	1%	0
008.02	Fiber, Acid Detergent	674	32.1750	0.2300	31.6433	1.4154	0.3643	14	0.38	1%	0
008.02	Fiber, Acid Detergent	309	32.5400	0.3000	31.6433	1.4154	0.3643	14	0.63	1%	0
008.02	Fiber, Acid Detergent	226	32.7000	0.2000	31.6433	1.4154	0.3643	14	0.75	2%	0
008.02	Fiber, Acid Detergent	187	33.7400	0.0200	31.6433	1.4154	0.3643	14	1.48	3%	0
008.02	Fiber, Acid Detergent	405	38.5700	0.1000	31.6433	1.4154	0.3643	14	4.89	11%	0
008.05	Fiber, Acid Detergent-Hach	265	32.0000	0.4000			0.4000	1			
008.08	Fiber, Acid Detergent, ANKOM	26	26.4250	0.1300	30.1061	1.6797	0.7226	28	-2.19	6%	0
008.08	Fiber, Acid Detergent, ANKOM	83	27.6000	0.8600	30.1061	1.6797	0.7226	28	-1.49	4%	0
008.08	Fiber, Acid Detergent, ANKOM	37	27.6150	0.0500	30.1061	1.6797	0.7226	28	-1.48	4%	0
008.08	Fiber, Acid Detergent, ANKOM	164	28.5000	0.2000	30.1061	1.6797	0.7226	28	-0.96	3%	0
008.08	Fiber, Acid Detergent, ANKOM	563	28.6265	0.1574	30.1061	1.6797	0.7226	28	-0.88	2%	0
008.08	Fiber, Acid Detergent, ANKOM	882	28.6700	2.2200	30.1061	1.6797	0.7226	28	-0.85	2%	0
008.08	Fiber, Acid Detergent, ANKOM	864	28.7700	2.4600	30.1061	1.6797	0.7226	28	-0.80	2%	0
008.08	Fiber, Acid Detergent, ANKOM	357	29.0000	0.4000	30.1061	1.6797	0.7226	28	-0.66	2%	0
008.08	Fiber, Acid Detergent, ANKOM	413	29.0000	0.6000	30.1061	1.6797	0.7226	28	-0.66	2%	0
008.08	Fiber, Acid Detergent, ANKOM	646	29.3800	0.8400	30.1061	1.6797	0.7226	28	-0.43	1%	0
008.08	Fiber, Acid Detergent, ANKOM	297	29.7300	0.1000	30.1061	1.6797	0.7226	28	-0.22	1%	0
008.08	Fiber, Acid Detergent, ANKOM	160	29.8150	0.7500	30.1061	1.6797	0.7226	28	-0.17	0%	0

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008.08	Fiber, Acid Detergent, ANKOM	33	29.9000	1.6000	30.1061	1.6797	0.7226	28	-0.12	0%	0
008.08	Fiber, Acid Detergent, ANKOM	354	30.1400	0.4400	30.1061	1.6797	0.7226	28	0.02	0%	0
008.08	Fiber, Acid Detergent, ANKOM	407	30.3250	0.5500	30.1061	1.6797	0.7226	28	0.13	0%	0
008.08	Fiber, Acid Detergent, ANKOM	358	30.4200	0.7400	30.1061	1.6797	0.7226	28	0.19	1%	0
008.08	Fiber, Acid Detergent, ANKOM	148	30.6100	0.1400	30.1061	1.6797	0.7226	28	0.30	1%	0
008.08	Fiber, Acid Detergent, ANKOM	278	30.7000	0.2000	30.1061	1.6797	0.7226	28	0.35	1%	0
008.08	Fiber, Acid Detergent, ANKOM	49	30.7500	2.1600	30.1061	1.6797	0.7226	28	0.38	1%	0
008.08	Fiber, Acid Detergent, ANKOM	202	30.9050	0.3500	30.1061	1.6797	0.7226	28	0.48	1%	0
008.08	Fiber, Acid Detergent, ANKOM	870	31.2228	1.0841	30.1061	1.6797	0.7226	28	0.66	2%	0
008.08	Fiber, Acid Detergent, ANKOM	294	31.3000	0.2000	30.1061	1.6797	0.7226	28	0.71	2%	0
008.08	Fiber, Acid Detergent, ANKOM	106	31.5900	0.3400	30.1061	1.6797	0.7226	28	0.88	2%	0
008.08	Fiber, Acid Detergent, ANKOM	1	31.8300	0.9400	30.1061	1.6797	0.7226	28	1.03	3%	0
008.08	Fiber, Acid Detergent, ANKOM	693	31.8400	1.2800	30.1061	1.6797	0.7226	28	1.03	3%	0
008.08	Fiber, Acid Detergent, ANKOM	510	31.9000	0.6000	30.1061	1.6797	0.7226	28	1.07	3%	0
008.08	Fiber, Acid Detergent, ANKOM	581	32.6200	0.1400	30.1061	1.6797	0.7226	28	1.50	4%	0
008.08	Fiber, Acid Detergent, ANKOM	45	35.0500	0.7000	30.1061	1.6797	0.7226	28	2.94	8%	0
008.99	Fiber, Acid Detergent Miscellaneous	720	23.0700	0.0200	29.9970	4.0543	0.3700	5	-1.71	12%	0
008.99	Fiber, Acid Detergent Miscellaneous	178	30.0000	0.2600	29.9970	4.0543	0.3700	5	0.00	0%	0
008.99	Fiber, Acid Detergent Miscellaneous	11	31.5500	0.1000	29.9970	4.0543	0.3700	5	0.38	3%	0
008.99	Fiber, Acid Detergent Miscellaneous	307	32.0000	1.0000	29.9970	4.0543	0.3700	5	0.49	3%	0
008.99	Fiber, Acid Detergent Miscellaneous	613	33.3650	0.4700	29.9970	4.0543	0.3700	5	0.83	6%	0
009.04	Fiber, Neutral Det-No ENZ Pretreat	504	43.9000	2.9200			2.9200	1			
009.07	Fiber, Neutral Det-ENZ Pretreat	38	37.3750	0.7900	40.8905	1.1250	0.4227	11	-3.12	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat	98	38.7000	0.4000	40.8905	1.1250	0.4227	11	-1.95	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat	353	38.7450	0.2700	40.8905	1.1250	0.4227	11	-1.91	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat	675	40.6000	0.0200	40.8905	1.1250	0.4227	11	-0.26	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat	689	40.8500	0.7000	40.8905	1.1250	0.4227	11	-0.04	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat	226	40.9000	0.4000	40.8905	1.1250	0.4227	11	0.01	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat	45	41.3500	0.7000	40.8905	1.1250	0.4227	11	0.41	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat	309	41.4300	1.0400	40.8905	1.1250	0.4227	11	0.48	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat	307	41.5000	0.0000	40.8905	1.1250	0.4227	11	0.54	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat	674	43.6750	0.2300	40.8905	1.1250	0.4227	11	2.48	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat	187	44.6400	0.1000	40.8905	1.1250	0.4227	11	3.33	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat	178	39.7350	2.3500	40.8905	1.1250	0.4227	11	-1.03	1%	1
009.09	Fiber, Neutral Detergent, ANKOM	83	36.7900	0.3600	39.5695	1.1507	0.7635	22	-2.42	4%	0
009.09	Fiber, Neutral Detergent, ANKOM	37	36.8300	0.1200	39.5695	1.1507	0.7635	22	-2.38	3%	0
009.09	Fiber, Neutral Detergent, ANKOM	357	37.7000	0.2000	39.5695	1.1507	0.7635	22	-1.62	2%	0
009.09	Fiber, Neutral Detergent, ANKOM	164	38.7000	0.2000	39.5695	1.1507	0.7635	22	-0.76	1%	0
009.09	Fiber, Neutral Detergent, ANKOM	278	38.7000	0.2000	39.5695	1.1507	0.7635	22	-0.76	1%	0
009.09	Fiber, Neutral Detergent, ANKOM	413	38.8500	1.1000	39.5695	1.1507	0.7635	22	-0.63	1%	0
009.09	Fiber, Neutral Detergent, ANKOM	407	39.1800	0.3600	39.5695	1.1507	0.7635	22	-0.34	0%	0
009.09	Fiber, Neutral Detergent, ANKOM	563	39.2625	0.1709	39.5695	1.1507	0.7635	22	-0.27	0%	0

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009.09	Fiber, Neutral Detergent, ANKOM	294	39.4000	0.2000	39.5695	1.1507	0.7635	22	-0.15	0%	0
009.09	Fiber, Neutral Detergent, ANKOM	882	39.4400	3.2400	39.5695	1.1507	0.7635	22	-0.11	0%	0
009.09	Fiber, Neutral Detergent, ANKOM	581	39.4450	0.5300	39.5695	1.1507	0.7635	22	-0.11	0%	0
009.09	Fiber, Neutral Detergent, ANKOM	870	39.5693	1.1643	39.5695	1.1507	0.7635	22	0.00	0%	0
009.09	Fiber, Neutral Detergent, ANKOM	106	39.6650	0.0500	39.5695	1.1507	0.7635	22	0.08	0%	0
009.09	Fiber, Neutral Detergent, ANKOM	646	39.7350	0.4300	39.5695	1.1507	0.7635	22	0.14	0%	0
009.09	Fiber, Neutral Detergent, ANKOM	693	39.8750	4.5900	39.5695	1.1507	0.7635	22	0.27	0%	0
009.09	Fiber, Neutral Detergent, ANKOM	160	39.9140	0.9320	39.5695	1.1507	0.7635	22	0.30	0%	0
009.09	Fiber, Neutral Detergent, ANKOM	354	40.4850	0.1500	39.5695	1.1507	0.7635	22	0.80	1%	0
009.09	Fiber, Neutral Detergent, ANKOM	297	40.6100	0.3000	39.5695	1.1507	0.7635	22	0.90	1%	0
009.09	Fiber, Neutral Detergent, ANKOM	49	40.6550	1.2900	39.5695	1.1507	0.7635	22	0.94	1%	0
009.09	Fiber, Neutral Detergent, ANKOM	510	41.4000	0.4000	39.5695	1.1507	0.7635	22	1.59	2%	0
009.09	Fiber, Neutral Detergent, ANKOM	202	42.2050	0.4100	39.5695	1.1507	0.7635	22	2.29	3%	0
009.09	Fiber, Neutral Detergent, ANKOM	265	45.9000	0.4000	39.5695	1.1507	0.7635	22	5.50	8%	0
009.09	Fiber, Neutral Detergent, ANKOM	889	36.4750	6.0900	39.5695	1.1507	0.7635	22	-2.69	4%	1
009.99	Fiber, Neutral Det Miscellaneous	643	34.7400	0.1000	39.1038	3.4546	0.6075	4	-1.26	6%	0
009.99	Fiber, Neutral Det Miscellaneous	728	38.7600	0.7200	39.1038	3.4546	0.6075	4	-0.10	0%	0
009.99	Fiber, Neutral Det Miscellaneous	178	39.7900	0.4800	39.1038	3.4546	0.6075	4	0.20	1%	0
009.99	Fiber, Neutral Det Miscellaneous	613	43.1250	1.1300	39.1038	3.4546	0.6075	4	1.16	5%	0
010.03	Moisture, Karl-Fischer	546	4.2610	0.3130	5.3878	1.2756	0.1883	4	-0.88	10%	0
010.03	Moisture, Karl-Fischer	826	4.4100	0.0200	5.3878	1.2756	0.1883	4	-0.77	9%	0
010.03	Moisture, Karl-Fischer	843	5.9700	0.3200	5.3878	1.2756	0.1883	4	0.46	5%	0
010.03	Moisture, Karl-Fischer	27	6.9100	0.1000	5.3878	1.2756	0.1883	4	1.19	14%	0
010.11	Moisture, NIR	727	5.9573	0.1060	6.5803	0.5096	0.0788	8	-1.22	5%	0
010.11	Moisture, NIR	168	6.0300	0.0200	6.5803	0.5096	0.0788	8	-1.08	4%	0
010.11	Moisture, NIR	567	6.3000	0.2000	6.5803	0.5096	0.0788	8	-0.55	2%	0
010.11	Moisture, NIR	178	6.6000	0.0400	6.5803	0.5096	0.0788	8	0.04	0%	0
010.11	Moisture, NIR	665	6.6650	0.0700	6.5803	0.5096	0.0788	8	0.17	1%	0
010.11	Moisture, NIR	38	6.9050	0.0840	6.5803	0.5096	0.0788	8	0.64	2%	0
010.11	Moisture, NIR	720	7.0350	0.0100	6.5803	0.5096	0.0788	8	0.89	3%	0
010.11	Moisture, NIR	32	7.1500	0.1000	6.5803	0.5096	0.0788	8	1.12	4%	0
010.99	Moisture, Miscellaneous	299	5.1591	0.1243	6.4787	0.8024	0.0633	11	-1.64	10%	0
010.99	Moisture, Miscellaneous	628	5.9000	0.0000	6.4787	0.8024	0.0633	11	-0.72	4%	0
010.99	Moisture, Miscellaneous	613	5.9500	0.1000	6.4787	0.8024	0.0633	11	-0.66	4%	0
010.99	Moisture, Miscellaneous	871	6.0850	0.0100	6.4787	0.8024	0.0633	11	-0.49	3%	0
010.99	Moisture, Miscellaneous	665	6.1750	0.0300	6.4787	0.8024	0.0633	11	-0.38	2%	0
010.99	Moisture, Miscellaneous	716	6.4200	0.0400	6.4787	0.8024	0.0633	11	-0.07	0%	0
010.99	Moisture, Miscellaneous	866	6.4650	0.0420	6.4787	0.8024	0.0633	11	-0.02	0%	0
010.99	Moisture, Miscellaneous	673	6.5000	0.0000	6.4787	0.8024	0.0633	11	0.03	0%	0
010.99	Moisture, Miscellaneous	879	7.5650	0.1500	6.4787	0.8024	0.0633	11	1.35	8%	0
010.99	Moisture, Miscellaneous	401	7.6800	0.1200	6.4787	0.8024	0.0633	11	1.50	9%	0
010.99	Moisture, Miscellaneous	405	8.1400	0.0800	6.4787	0.8024	0.0633	11	2.07	13%	0

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010.99	Moisture, Miscellaneous	417	7.0950	0.9500	6.4787	0.8024	0.0633	11	0.77	5%	1
011.01	Loss on Drying, 135 deg 2hr	646	5.8550	0.2100	7.8676	0.3305	0.0785	70	-6.09	13%	0
011.01	Loss on Drying, 135 deg 2hr	529	5.9850	0.1300	7.8676	0.3305	0.0785	70	-5.70	12%	0
011.01	Loss on Drying, 135 deg 2hr	591	6.6450	0.0100	7.8676	0.3305	0.0785	70	-3.70	8%	0
011.01	Loss on Drying, 135 deg 2hr	598	6.7850	0.0100	7.8676	0.3305	0.0785	70	-3.28	7%	0
011.01	Loss on Drying, 135 deg 2hr	859	6.9580	0.0860	7.8676	0.3305	0.0785	70	-2.75	6%	0
011.01	Loss on Drying, 135 deg 2hr	160	7.2110	0.0180	7.8676	0.3305	0.0785	70	-1.99	4%	0
011.01	Loss on Drying, 135 deg 2hr	658	7.2522	0.0751	7.8676	0.3305	0.0785	70	-1.86	4%	0
011.01	Loss on Drying, 135 deg 2hr	660	7.3500	0.0600	7.8676	0.3305	0.0785	70	-1.57	3%	0
011.01	Loss on Drying, 135 deg 2hr	294	7.4000	0.0000	7.8676	0.3305	0.0785	70	-1.41	3%	0
011.01	Loss on Drying, 135 deg 2hr	108	7.4750	0.3900	7.8676	0.3305	0.0785	70	-1.19	2%	0
011.01	Loss on Drying, 135 deg 2hr	870	7.5184	0.0240	7.8676	0.3305	0.0785	70	-1.06	2%	0
011.01	Loss on Drying, 135 deg 2hr	407	7.5600	0.0800	7.8676	0.3305	0.0785	70	-0.93	2%	0
011.01	Loss on Drying, 135 deg 2hr	229	7.5600	0.0200	7.8676	0.3305	0.0785	70	-0.93	2%	0
011.01	Loss on Drying, 135 deg 2hr	152	7.6000	0.0000	7.8676	0.3305	0.0785	70	-0.81	2%	0
011.01	Loss on Drying, 135 deg 2hr	265	7.6000	0.4000	7.8676	0.3305	0.0785	70	-0.81	2%	0
011.01	Loss on Drying, 135 deg 2hr	350	7.6095	0.0310	7.8676	0.3305	0.0785	70	-0.78	2%	0
011.01	Loss on Drying, 135 deg 2hr	100	7.6200	0.0200	7.8676	0.3305	0.0785	70	-0.75	2%	0
011.01	Loss on Drying, 135 deg 2hr	298	7.6400	0.0200	7.8676	0.3305	0.0785	70	-0.69	1%	0
011.01	Loss on Drying, 135 deg 2hr	843	7.6400	0.0400	7.8676	0.3305	0.0785	70	-0.69	1%	0
011.01	Loss on Drying, 135 deg 2hr	354	7.6600	0.0200	7.8676	0.3305	0.0785	70	-0.63	1%	0
011.01	Loss on Drying, 135 deg 2hr	511	7.6800	0.0000	7.8676	0.3305	0.0785	70	-0.57	1%	0
011.01	Loss on Drying, 135 deg 2hr	674	7.7300	0.0800	7.8676	0.3305	0.0785	70	-0.42	1%	0
011.01	Loss on Drying, 135 deg 2hr	723	7.7350	0.0500	7.8676	0.3305	0.0785	70	-0.40	1%	0
011.01	Loss on Drying, 135 deg 2hr	175	7.7500	0.1000	7.8676	0.3305	0.0785	70	-0.36	1%	0
011.01	Loss on Drying, 135 deg 2hr	650	7.7600	0.0400	7.8676	0.3305	0.0785	70	-0.33	1%	0
011.01	Loss on Drying, 135 deg 2hr	194	7.7650	0.0300	7.8676	0.3305	0.0785	70	-0.31	1%	0
011.01	Loss on Drying, 135 deg 2hr	148	7.7750	0.0500	7.8676	0.3305	0.0785	70	-0.28	1%	0
011.01	Loss on Drying, 135 deg 2hr	620	7.7880	0.0201	7.8676	0.3305	0.0785	70	-0.24	1%	0
011.01	Loss on Drying, 135 deg 2hr	675	7.7900	0.0200	7.8676	0.3305	0.0785	70	-0.23	0%	0
011.01	Loss on Drying, 135 deg 2hr	728	7.8000	0.0000	7.8676	0.3305	0.0785	70	-0.20	0%	0
011.01	Loss on Drying, 135 deg 2hr	171	7.8050	0.0500	7.8676	0.3305	0.0785	70	-0.19	0%	0
011.01	Loss on Drying, 135 deg 2hr	830	7.8050	0.0100	7.8676	0.3305	0.0785	70	-0.19	0%	0
011.01	Loss on Drying, 135 deg 2hr	670	7.8550	0.0300	7.8676	0.3305	0.0785	70	-0.04	0%	0
011.01	Loss on Drying, 135 deg 2hr	98	7.8750	0.0500	7.8676	0.3305	0.0785	70	0.02	0%	0
011.01	Loss on Drying, 135 deg 2hr	164	7.9150	0.0300	7.8676	0.3305	0.0785	70	0.14	0%	0
011.01	Loss on Drying, 135 deg 2hr	123	7.9200	0.0000	7.8676	0.3305	0.0785	70	0.16	0%	0
011.01	Loss on Drying, 135 deg 2hr	541	7.9200	0.2800	7.8676	0.3305	0.0785	70	0.16	0%	0
011.01	Loss on Drying, 135 deg 2hr	651	7.9220	0.2240	7.8676	0.3305	0.0785	70	0.16	0%	0
011.01	Loss on Drying, 135 deg 2hr	759	7.9350	0.0300	7.8676	0.3305	0.0785	70	0.20	0%	0
011.01	Loss on Drying, 135 deg 2hr	596	7.9500	0.1000	7.8676	0.3305	0.0785	70	0.25	1%	0
011.01	Loss on Drying, 135 deg 2hr	818	7.9500	0.1000	7.8676	0.3305	0.0785	70	0.25	1%	0

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			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
011.01	Loss on Drying, 135 deg 2hr	824	7.9500	0.1000	7.8676	0.3305	0.0785	70	0.25	1%	0
011.01	Loss on Drying, 135 deg 2hr	738	7.9550	0.0100	7.8676	0.3305	0.0785	70	0.26	1%	0
011.01	Loss on Drying, 135 deg 2hr	622	7.9780	0.0292	7.8676	0.3305	0.0785	70	0.33	1%	0
011.01	Loss on Drying, 135 deg 2hr	722	7.9795	0.1533	7.8676	0.3305	0.0785	70	0.34	1%	0
011.01	Loss on Drying, 135 deg 2hr	539	7.9800	0.0800	7.8676	0.3305	0.0785	70	0.34	1%	0
011.01	Loss on Drying, 135 deg 2hr	767	7.9800	0.0400	7.8676	0.3305	0.0785	70	0.34	1%	0
011.01	Loss on Drying, 135 deg 2hr	740	7.9900	0.1400	7.8676	0.3305	0.0785	70	0.37	1%	0
011.01	Loss on Drying, 135 deg 2hr	808	7.9950	0.0100	7.8676	0.3305	0.0785	70	0.39	1%	0
011.01	Loss on Drying, 135 deg 2hr	781	7.9981	0.0003	7.8676	0.3305	0.0785	70	0.39	1%	0
011.01	Loss on Drying, 135 deg 2hr	226	8.0500	0.1000	7.8676	0.3305	0.0785	70	0.55	1%	0
011.01	Loss on Drying, 135 deg 2hr	33	8.0750	0.0100	7.8676	0.3305	0.0785	70	0.63	1%	0
011.01	Loss on Drying, 135 deg 2hr	309	8.0800	0.0400	7.8676	0.3305	0.0785	70	0.64	1%	0
011.01	Loss on Drying, 135 deg 2hr	202	8.1050	0.0500	7.8676	0.3305	0.0785	70	0.72	2%	0
011.01	Loss on Drying, 135 deg 2hr	242	8.1050	0.0900	7.8676	0.3305	0.0785	70	0.72	2%	0
011.01	Loss on Drying, 135 deg 2hr	26	8.1500	0.2600	7.8676	0.3305	0.0785	70	0.85	2%	0
011.01	Loss on Drying, 135 deg 2hr	623	8.1512	0.0498	7.8676	0.3305	0.0785	70	0.86	2%	0
011.01	Loss on Drying, 135 deg 2hr	559	8.1900	0.1400	7.8676	0.3305	0.0785	70	0.98	2%	0
011.01	Loss on Drying, 135 deg 2hr	553	8.1900	0.1200	7.8676	0.3305	0.0785	70	0.98	2%	0
011.01	Loss on Drying, 135 deg 2hr	552	8.2100	0.0000	7.8676	0.3305	0.0785	70	1.04	2%	0
011.01	Loss on Drying, 135 deg 2hr	796	8.2200	0.2600	7.8676	0.3305	0.0785	70	1.07	2%	0
011.01	Loss on Drying, 135 deg 2hr	758	8.2450	0.0300	7.8676	0.3305	0.0785	70	1.14	2%	0
011.01	Loss on Drying, 135 deg 2hr	819	8.2750	0.0700	7.8676	0.3305	0.0785	70	1.23	3%	0
011.01	Loss on Drying, 135 deg 2hr	563	8.3051	0.0009	7.8676	0.3305	0.0785	70	1.32	3%	0
011.01	Loss on Drying, 135 deg 2hr	205	8.3060	0.1700	7.8676	0.3305	0.0785	70	1.33	3%	0
011.01	Loss on Drying, 135 deg 2hr	144	8.3150	0.0100	7.8676	0.3305	0.0785	70	1.35	3%	0
011.01	Loss on Drying, 135 deg 2hr	510	8.4000	0.2000	7.8676	0.3305	0.0785	70	1.61	3%	0
011.01	Loss on Drying, 135 deg 2hr	774	8.4000	0.0400	7.8676	0.3305	0.0785	70	1.61	3%	0
011.01	Loss on Drying, 135 deg 2hr	792	8.5200	0.2800	7.8676	0.3305	0.0785	70	1.97	4%	0
011.01	Loss on Drying, 135 deg 2hr	305	9.3950	0.0700	7.8676	0.3305	0.0785	70	4.62	10%	0
011.01	Loss on Drying, 135 deg 2hr	520	7.9850	0.5900	7.8676	0.3305	0.0785	70	0.36	1%	1
011.01	Loss on Drying, 135 deg 2hr	358	8.9650	0.9300	7.8676	0.3305	0.0785	70	3.32	7%	1
011.01	Loss on Drying, 135 deg 2hr	880	9.0400	0.8800	7.8676	0.3305	0.0785	70	3.55	7%	1
011.01	Loss on Drying, 135 deg 2hr	643	9.7000	0.6000	7.8676	0.3305	0.0785	70	5.54	12%	1
011.01	Loss on Drying, 135 deg 2hr	119	92.0700	0.1000	7.8676	0.3305	0.0785	70	254.79	535%	2
011.01	Loss on Drying, 135 deg 2hr	810	7.6800	0.1600	7.8676	0.3305	0.0785	70	-0.57	1%	8
011.01	Loss on Drying, 135 deg 2hr	813	7.7600	0.0400	7.8676	0.3305	0.0785	70	-0.33	1%	8
011.01	Loss on Drying, 135 deg 2hr	761	7.7850	0.0500	7.8676	0.3305	0.0785	70	-0.25	1%	8
011.01	Loss on Drying, 135 deg 2hr	760	7.8050	0.0300	7.8676	0.3305	0.0785	70	-0.19	0%	8
011.01	Loss on Drying, 135 deg 2hr	736	7.8300	0.1000	7.8676	0.3305	0.0785	70	-0.11	0%	8
011.01	Loss on Drying, 135 deg 2hr	771	7.8300	0.0000	7.8676	0.3305	0.0785	70	-0.11	0%	8
011.01	Loss on Drying, 135 deg 2hr	812	7.8350	0.0100	7.8676	0.3305	0.0785	70	-0.10	0%	8
011.01	Loss on Drying, 135 deg 2hr	734	7.8500	0.0800	7.8676	0.3305	0.0785	70	-0.05	0%	8

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011.01	Loss on Drying, 135 deg 2hr	762	7.8500	0.0800	7.8676	0.3305	0.0785	70	-0.05	0%	8
011.01	Loss on Drying, 135 deg 2hr	763	7.8500	0.0800	7.8676	0.3305	0.0785	70	-0.05	0%	8
011.01	Loss on Drying, 135 deg 2hr	823	7.8500	0.1000	7.8676	0.3305	0.0785	70	-0.05	0%	8
011.01	Loss on Drying, 135 deg 2hr	825	7.8500	0.1000	7.8676	0.3305	0.0785	70	-0.05	0%	8
011.01	Loss on Drying, 135 deg 2hr	836	7.8500	0.1000	7.8676	0.3305	0.0785	70	-0.05	0%	8
011.01	Loss on Drying, 135 deg 2hr	746	7.8650	0.0300	7.8676	0.3305	0.0785	70	-0.01	0%	8
011.01	Loss on Drying, 135 deg 2hr	777	7.8800	0.0800	7.8676	0.3305	0.0785	70	0.04	0%	8
011.01	Loss on Drying, 135 deg 2hr	765	7.8900	0.0600	7.8676	0.3305	0.0785	70	0.07	0%	8
011.01	Loss on Drying, 135 deg 2hr	817	7.9450	0.0900	7.8676	0.3305	0.0785	70	0.23	0%	8
011.01	Loss on Drying, 135 deg 2hr	744	7.9500	0.0800	7.8676	0.3305	0.0785	70	0.25	1%	8
011.01	Loss on Drying, 135 deg 2hr	782	7.9516	0.0806	7.8676	0.3305	0.0785	70	0.25	1%	8
011.01	Loss on Drying, 135 deg 2hr	816	7.9550	0.0500	7.8676	0.3305	0.0785	70	0.26	1%	8
011.01	Loss on Drying, 135 deg 2hr	772	7.9850	0.0500	7.8676	0.3305	0.0785	70	0.36	1%	8
011.01	Loss on Drying, 135 deg 2hr	809	7.9850	0.1100	7.8676	0.3305	0.0785	70	0.36	1%	8
011.01	Loss on Drying, 135 deg 2hr	814	7.9850	0.0300	7.8676	0.3305	0.0785	70	0.36	1%	8
011.01	Loss on Drying, 135 deg 2hr	737	7.9900	0.0000	7.8676	0.3305	0.0785	70	0.37	1%	8
011.01	Loss on Drying, 135 deg 2hr	811	8.0050	0.0100	7.8676	0.3305	0.0785	70	0.42	1%	8
011.01	Loss on Drying, 135 deg 2hr	798	8.0100	0.0600	7.8676	0.3305	0.0785	70	0.43	1%	8
011.01	Loss on Drying, 135 deg 2hr	764	8.0150	0.0500	7.8676	0.3305	0.0785	70	0.45	1%	8
011.01	Loss on Drying, 135 deg 2hr	806	8.0350	0.0300	7.8676	0.3305	0.0785	70	0.51	1%	8
011.01	Loss on Drying, 135 deg 2hr	739	8.0500	0.0400	7.8676	0.3305	0.0785	70	0.55	1%	8
011.01	Loss on Drying, 135 deg 2hr	805	8.0500	0.0800	7.8676	0.3305	0.0785	70	0.55	1%	8
011.01	Loss on Drying, 135 deg 2hr	828	8.0500	0.0600	7.8676	0.3305	0.0785	70	0.55	1%	8
011.01	Loss on Drying, 135 deg 2hr	741	8.0650	0.0700	7.8676	0.3305	0.0785	70	0.60	1%	8
011.01	Loss on Drying, 135 deg 2hr	748	8.0750	0.1500	7.8676	0.3305	0.0785	70	0.63	1%	8
011.01	Loss on Drying, 135 deg 2hr	789	8.0850	0.2300	7.8676	0.3305	0.0785	70	0.66	1%	8
011.01	Loss on Drying, 135 deg 2hr	745	8.0900	0.0400	7.8676	0.3305	0.0785	70	0.67	1%	8
011.01	Loss on Drying, 135 deg 2hr	769	8.0950	0.0100	7.8676	0.3305	0.0785	70	0.69	1%	8
011.01	Loss on Drying, 135 deg 2hr	757	8.1000	0.0200	7.8676	0.3305	0.0785	70	0.70	1%	8
011.01	Loss on Drying, 135 deg 2hr	770	8.1050	0.0700	7.8676	0.3305	0.0785	70	0.72	2%	8
011.01	Loss on Drying, 135 deg 2hr	797	8.1050	0.0100	7.8676	0.3305	0.0785	70	0.72	2%	8
011.01	Loss on Drying, 135 deg 2hr	742	8.1100	0.0200	7.8676	0.3305	0.0785	70	0.73	2%	8
011.01	Loss on Drying, 135 deg 2hr	735	8.1200	0.0200	7.8676	0.3305	0.0785	70	0.76	2%	8
011.01	Loss on Drying, 135 deg 2hr	743	8.1250	0.0500	7.8676	0.3305	0.0785	70	0.78	2%	8
011.01	Loss on Drying, 135 deg 2hr	834	8.1250	0.0700	7.8676	0.3305	0.0785	70	0.78	2%	8
011.01	Loss on Drying, 135 deg 2hr	822	8.1300	0.1800	7.8676	0.3305	0.0785	70	0.79	2%	8
011.01	Loss on Drying, 135 deg 2hr	753	8.1350	0.0700	7.8676	0.3305	0.0785	70	0.81	2%	8
011.01	Loss on Drying, 135 deg 2hr	747	8.1500	0.0200	7.8676	0.3305	0.0785	70	0.85	2%	8
011.01	Loss on Drying, 135 deg 2hr	815	8.1550	0.1300	7.8676	0.3305	0.0785	70	0.87	2%	8
011.01	Loss on Drying, 135 deg 2hr	752	8.1600	0.1000	7.8676	0.3305	0.0785	70	0.88	2%	8
011.01	Loss on Drying, 135 deg 2hr	756	8.1750	0.0300	7.8676	0.3305	0.0785	70	0.93	2%	8
011.01	Loss on Drying, 135 deg 2hr	807	8.1750	0.2900	7.8676	0.3305	0.0785	70	0.93	2%	8

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011.01	Loss on Drying, 135 deg 2hr	749	8.1850	0.0100	7.8676	0.3305	0.0785	70	0.96	2%	8
011.01	Loss on Drying, 135 deg 2hr	754	8.2050	0.1100	7.8676	0.3305	0.0785	70	1.02	2%	8
011.01	Loss on Drying, 135 deg 2hr	751	8.2400	0.1200	7.8676	0.3305	0.0785	70	1.13	2%	8
011.01	Loss on Drying, 135 deg 2hr	801	8.2450	0.1500	7.8676	0.3305	0.0785	70	1.14	2%	8
011.01	Loss on Drying, 135 deg 2hr	804	8.2500	0.1400	7.8676	0.3305	0.0785	70	1.16	2%	8
011.01	Loss on Drying, 135 deg 2hr	750	8.2600	0.1000	7.8676	0.3305	0.0785	70	1.19	2%	8
011.01	Loss on Drying, 135 deg 2hr	755	8.2850	0.0900	7.8676	0.3305	0.0785	70	1.26	3%	8
011.01	Loss on Drying, 135 deg 2hr	793	8.3000	0.0000	7.8676	0.3305	0.0785	70	1.31	3%	8
011.01	Loss on Drying, 135 deg 2hr	800	8.3050	0.2100	7.8676	0.3305	0.0785	70	1.32	3%	8
011.01	Loss on Drying, 135 deg 2hr	837	8.3150	0.0100	7.8676	0.3305	0.0785	70	1.35	3%	8
011.01	Loss on Drying, 135 deg 2hr	775	8.3250	0.0500	7.8676	0.3305	0.0785	70	1.38	3%	8
011.01	Loss on Drying, 135 deg 2hr	776	8.3400	0.1600	7.8676	0.3305	0.0785	70	1.43	3%	8
011.01	Loss on Drying, 135 deg 2hr	794	8.3650	0.0900	7.8676	0.3305	0.0785	70	1.51	3%	8
011.01	Loss on Drying, 135 deg 2hr	780	8.4000	0.1000	7.8676	0.3305	0.0785	70	1.61	3%	8
011.01	Loss on Drying, 135 deg 2hr	778	8.4700	0.2000	7.8676	0.3305	0.0785	70	1.82	4%	8
011.01	Loss on Drying, 135 deg 2hr	821	8.4700	0.4600	7.8676	0.3305	0.0785	70	1.82	4%	8
011.01	Loss on Drying, 135 deg 2hr	829	9.8950	0.9500	7.8676	0.3305	0.0785	70	6.13	13%	8
011.02	Loss on drying, 130°C for 2 hours	682	7.7150	0.0900	8.0350	0.4525	0.1000	2	-0.71	2%	0
011.02	Loss on drying, 130°C for 2 hours	864	8.3550	0.1100	8.0350	0.4525	0.1000	2	0.71	2%	0
011.99	Loss on Drying, High Temp. Methods	541	6.2750	0.0100	7.0783	1.1937	0.2433	3	-0.67	6%	0
011.99	Loss on Drying, High Temp. Methods	882	6.5100	0.0200	7.0783	1.1937	0.2433	3	-0.48	4%	0
011.99	Loss on Drying, High Temp. Methods	857	8.4500	0.7000	7.0783	1.1937	0.2433	3	1.15	10%	0
012.00	Starch, Polarimetric (Ewers)	673	1.6500	1.1000	2.4925	0.7402	0.4000	4	-1.14	17%	0
012.00	Starch, Polarimetric (Ewers)	354	2.1700	0.0000	2.4925	0.7402	0.4000	4	-0.44	6%	0
012.00	Starch, Polarimetric (Ewers)	559	2.8000	0.4000	2.4925	0.7402	0.4000	4	0.42	6%	0
012.00	Starch, Polarimetric (Ewers)	567	3.3500	0.1000	2.4925	0.7402	0.4000	4	1.16	17%	0
012.01	Starch, Megazyme	676	1.0400	0.0200	1.1175	0.1096	0.1150	2	-0.71	3%	0
012.01	Starch, Megazyme	870	1.1950	0.2100	1.1175	0.1096	0.1150	2	0.71	3%	0
012.03	Starch, Enzymatic	407	0.5800	0.0000	0.9550	0.3248	0.1033	3	-1.15	20%	0
012.03	Starch, Enzymatic	98	1.1350	0.2700	0.9550	0.3248	0.1033	3	0.55	9%	0
012.03	Starch, Enzymatic	297	1.1500	0.0400	0.9550	0.3248	0.1033	3	0.60	10%	0
012.04	Starch, YSI Analyzer	278	0.8000	0.0000	1.4733	1.0226	0.0467	3	-0.66	23%	0
012.04	Starch, YSI Analyzer	353	0.9700	0.0400	1.4733	1.0226	0.0467	3	-0.49	17%	0
012.04	Starch, YSI Analyzer	106	2.6500	0.1000	1.4733	1.0226	0.0467	3	1.15	40%	0
012.11	Starch, NIR	720	5.4450	0.0100			0.0100	1			
013.00	Fat, Acid hydrolysis	884	1.8050	0.0700	2.8690	0.9143	0.0260	5	-1.16	19%	0
013.00	Fat, Acid hydrolysis	689	2.2000	0.0000	2.8690	0.9143	0.0260	5	-0.73	12%	0
013.00	Fat, Acid hydrolysis	202	2.8650	0.0100	2.8690	0.9143	0.0260	5	0.00	0%	0
013.00	Fat, Acid hydrolysis	616	3.3800	0.0000	2.8690	0.9143	0.0260	5	0.56	9%	0
013.00	Fat, Acid hydrolysis	309	4.0950	0.0500	2.8690	0.9143	0.0260	5	1.34	21%	0
013.00	Fat, Acid hydrolysis	229	2.9750	0.3500	2.8690	0.9143	0.0260	5	0.12	2%	1
013.00	Fat, Acid hydrolysis	742	3.0600	0.0800	2.8690	0.9143	0.0260	5	0.21	3%	8

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
013.00	Fat, Acid hydrolysis	777	3.6100	0.0600	2.8690	0.9143	0.0260	5	0.81	13%	8
013.02	Fat, Mojonnier, Bak Ext	553	2.2200	0.4600	3.7175	0.8093	0.1150	26	-1.85	20%	0
013.02	Fat, Mojonnier, Bak Ext	853	2.8150	0.0100	3.7175	0.8093	0.1150	26	-1.12	12%	0
013.02	Fat, Mojonnier, Bak Ext	26	2.8200	0.0400	3.7175	0.8093	0.1150	26	-1.11	12%	0
013.02	Fat, Mojonnier, Bak Ext	208	2.9150	0.0100	3.7175	0.8093	0.1150	26	-0.99	11%	0
013.02	Fat, Mojonnier, Bak Ext	758	2.9400	0.1600	3.7175	0.8093	0.1150	26	-0.96	10%	0
013.02	Fat, Mojonnier, Bak Ext	740	3.0200	0.0600	3.7175	0.8093	0.1150	26	-0.86	9%	0
013.02	Fat, Mojonnier, Bak Ext	148	3.0600	0.0600	3.7175	0.8093	0.1150	26	-0.81	9%	0
013.02	Fat, Mojonnier, Bak Ext	767	3.1200	0.0200	3.7175	0.8093	0.1150	26	-0.74	8%	0
013.02	Fat, Mojonnier, Bak Ext	675	3.1450	0.0700	3.7175	0.8093	0.1150	26	-0.71	8%	0
013.02	Fat, Mojonnier, Bak Ext	171	3.2600	0.2600	3.7175	0.8093	0.1150	26	-0.57	6%	0
013.02	Fat, Mojonnier, Bak Ext	824	3.4000	0.0000	3.7175	0.8093	0.1150	26	-0.39	4%	0
013.02	Fat, Mojonnier, Bak Ext	650	3.4600	0.0200	3.7175	0.8093	0.1150	26	-0.32	3%	0
013.02	Fat, Mojonnier, Bak Ext	354	3.8600	0.1000	3.7175	0.8093	0.1150	26	0.18	2%	0
013.02	Fat, Mojonnier, Bak Ext	100	3.8900	0.0600	3.7175	0.8093	0.1150	26	0.21	2%	0
013.02	Fat, Mojonnier, Bak Ext	818	3.9250	0.1100	3.7175	0.8093	0.1150	26	0.26	3%	0
013.02	Fat, Mojonnier, Bak Ext	826	3.9950	0.0300	3.7175	0.8093	0.1150	26	0.34	4%	0
013.02	Fat, Mojonnier, Bak Ext	774	4.0750	0.1500	3.7175	0.8093	0.1150	26	0.44	5%	0
013.02	Fat, Mojonnier, Bak Ext	643	4.1400	0.0400	3.7175	0.8093	0.1150	26	0.52	6%	0
013.02	Fat, Mojonnier, Bak Ext	759	4.1900	0.0000	3.7175	0.8093	0.1150	26	0.58	6%	0
013.02	Fat, Mojonnier, Bak Ext	830	4.2300	0.0800	3.7175	0.8093	0.1150	26	0.63	7%	0
013.02	Fat, Mojonnier, Bak Ext	1	4.3000	0.2600	3.7175	0.8093	0.1150	26	0.72	8%	0
013.02	Fat, Mojonnier, Bak Ext	808	4.5650	0.3100	3.7175	0.8093	0.1150	26	1.05	11%	0
013.02	Fat, Mojonnier, Bak Ext	796	4.5850	0.2100	3.7175	0.8093	0.1150	26	1.07	12%	0
013.02	Fat, Mojonnier, Bak Ext	682	4.6800	0.3600	3.7175	0.8093	0.1150	26	1.19	13%	0
013.02	Fat, Mojonnier, Bak Ext	843	4.8300	0.1000	3.7175	0.8093	0.1150	26	1.37	15%	0
013.02	Fat, Mojonnier, Bak Ext	8	6.7550	0.0100	3.7175	0.8093	0.1150	26	3.75	41%	0
013.02	Fat, Mojonnier, Bak Ext	792	2.9950	0.8100	3.7175	0.8093	0.1150	26	-0.89	10%	1
013.02	Fat, Mojonnier, Bak Ext	736	2.7750	0.2500	3.7175	0.8093	0.1150	26	-1.16	13%	8
013.02	Fat, Mojonnier, Bak Ext	754	2.7800	0.2200	3.7175	0.8093	0.1150	26	-1.16	13%	8
013.02	Fat, Mojonnier, Bak Ext	834	2.7900	0.1200	3.7175	0.8093	0.1150	26	-1.15	12%	8
013.02	Fat, Mojonnier, Bak Ext	751	2.9400	0.2800	3.7175	0.8093	0.1150	26	-0.96	10%	8
013.02	Fat, Mojonnier, Bak Ext	741	2.9700	0.1800	3.7175	0.8093	0.1150	26	-0.92	10%	8
013.02	Fat, Mojonnier, Bak Ext	753	2.9750	0.0900	3.7175	0.8093	0.1150	26	-0.92	10%	8
013.02	Fat, Mojonnier, Bak Ext	747	2.9850	0.0700	3.7175	0.8093	0.1150	26	-0.91	10%	8
013.02	Fat, Mojonnier, Bak Ext	757	3.0000	0.0200	3.7175	0.8093	0.1150	26	-0.89	10%	8
013.02	Fat, Mojonnier, Bak Ext	765	3.1100	0.0400	3.7175	0.8093	0.1150	26	-0.75	8%	8
013.02	Fat, Mojonnier, Bak Ext	756	3.1200	0.0200	3.7175	0.8093	0.1150	26	-0.74	8%	8
013.02	Fat, Mojonnier, Bak Ext	770	3.1250	0.0500	3.7175	0.8093	0.1150	26	-0.73	8%	8
013.02	Fat, Mojonnier, Bak Ext	748	3.1300	0.2000	3.7175	0.8093	0.1150	26	-0.73	8%	8
013.02	Fat, Mojonnier, Bak Ext	769	3.1300	0.0400	3.7175	0.8093	0.1150	26	-0.73	8%	8
013.02	Fat, Mojonnier, Bak Ext	750	3.1600	0.0600	3.7175	0.8093	0.1150	26	-0.69	7%	8

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013.02	Fat, Mojonnier, Bak Ext	764	3.1650	0.0500	3.7175	0.8093	0.1150	26	-0.68	7%	8
013.02	Fat, Mojonnier, Bak Ext	771	3.1700	0.0600	3.7175	0.8093	0.1150	26	-0.68	7%	8
013.02	Fat, Mojonnier, Bak Ext	744	3.1950	0.0500	3.7175	0.8093	0.1150	26	-0.65	7%	8
013.02	Fat, Mojonnier, Bak Ext	746	3.2000	0.0000	3.7175	0.8093	0.1150	26	-0.64	7%	8
013.02	Fat, Mojonnier, Bak Ext	828	3.2450	0.0300	3.7175	0.8093	0.1150	26	-0.58	6%	8
013.02	Fat, Mojonnier, Bak Ext	743	3.2500	0.1000	3.7175	0.8093	0.1150	26	-0.58	6%	8
013.02	Fat, Mojonnier, Bak Ext	815	3.2750	0.2500	3.7175	0.8093	0.1150	26	-0.55	6%	8
013.02	Fat, Mojonnier, Bak Ext	752	3.2800	0.3800	3.7175	0.8093	0.1150	26	-0.54	6%	8
013.02	Fat, Mojonnier, Bak Ext	755	3.2800	0.3200	3.7175	0.8093	0.1150	26	-0.54	6%	8
013.02	Fat, Mojonnier, Bak Ext	772	3.2900	0.0600	3.7175	0.8093	0.1150	26	-0.53	6%	8
013.02	Fat, Mojonnier, Bak Ext	814	3.3450	0.3300	3.7175	0.8093	0.1150	26	-0.46	5%	8
013.02	Fat, Mojonnier, Bak Ext	749	3.3750	0.2900	3.7175	0.8093	0.1150	26	-0.42	5%	8
013.02	Fat, Mojonnier, Bak Ext	805	3.3900	0.0400	3.7175	0.8093	0.1150	26	-0.40	4%	8
013.02	Fat, Mojonnier, Bak Ext	836	3.4000	0.0000	3.7175	0.8093	0.1150	26	-0.39	4%	8
013.02	Fat, Mojonnier, Bak Ext	823	3.5000	0.0000	3.7175	0.8093	0.1150	26	-0.27	3%	8
013.02	Fat, Mojonnier, Bak Ext	825	3.5000	0.0000	3.7175	0.8093	0.1150	26	-0.27	3%	8
013.02	Fat, Mojonnier, Bak Ext	760	3.5600	0.1000	3.7175	0.8093	0.1150	26	-0.19	2%	8
013.02	Fat, Mojonnier, Bak Ext	739	3.5650	0.0500	3.7175	0.8093	0.1150	26	-0.19	2%	8
013.02	Fat, Mojonnier, Bak Ext	745	3.5800	0.1000	3.7175	0.8093	0.1150	26	-0.17	2%	8
013.02	Fat, Mojonnier, Bak Ext	817	3.7000	0.0800	3.7175	0.8093	0.1150	26	-0.02	0%	8
013.02	Fat, Mojonnier, Bak Ext	734	3.7850	0.0300	3.7175	0.8093	0.1150	26	0.08	1%	8
013.02	Fat, Mojonnier, Bak Ext	763	3.7950	0.1100	3.7175	0.8093	0.1150	26	0.10	1%	8
013.02	Fat, Mojonnier, Bak Ext	778	3.8300	0.1000	3.7175	0.8093	0.1150	26	0.14	2%	8
013.02	Fat, Mojonnier, Bak Ext	816	3.8500	0.3000	3.7175	0.8093	0.1150	26	0.16	2%	8
013.02	Fat, Mojonnier, Bak Ext	761	3.8800	0.0400	3.7175	0.8093	0.1150	26	0.20	2%	8
013.02	Fat, Mojonnier, Bak Ext	762	3.9100	0.0800	3.7175	0.8093	0.1150	26	0.24	3%	8
013.02	Fat, Mojonnier, Bak Ext	813	3.9300	0.0400	3.7175	0.8093	0.1150	26	0.26	3%	8
013.02	Fat, Mojonnier, Bak Ext	812	3.9850	0.1700	3.7175	0.8093	0.1150	26	0.33	4%	8
013.02	Fat, Mojonnier, Bak Ext	794	3.9970	0.2620	3.7175	0.8093	0.1150	26	0.35	4%	8
013.02	Fat, Mojonnier, Bak Ext	801	4.0900	0.1400	3.7175	0.8093	0.1150	26	0.46	5%	8
013.02	Fat, Mojonnier, Bak Ext	735	4.1000	0.2400	3.7175	0.8093	0.1150	26	0.47	5%	8
013.02	Fat, Mojonnier, Bak Ext	789	4.1350	0.3100	3.7175	0.8093	0.1150	26	0.52	6%	8
013.02	Fat, Mojonnier, Bak Ext	775	4.1800	0.0200	3.7175	0.8093	0.1150	26	0.57	6%	8
013.02	Fat, Mojonnier, Bak Ext	776	4.1850	0.1700	3.7175	0.8093	0.1150	26	0.58	6%	8
013.02	Fat, Mojonnier, Bak Ext	780	4.1900	0.2000	3.7175	0.8093	0.1150	26	0.58	6%	8
013.02	Fat, Mojonnier, Bak Ext	800	4.2900	0.2600	3.7175	0.8093	0.1150	26	0.71	8%	8
013.02	Fat, Mojonnier, Bak Ext	806	4.2900	0.0800	3.7175	0.8093	0.1150	26	0.71	8%	8
013.02	Fat, Mojonnier, Bak Ext	811	4.3000	0.0400	3.7175	0.8093	0.1150	26	0.72	8%	8
013.02	Fat, Mojonnier, Bak Ext	807	4.3200	0.0000	3.7175	0.8093	0.1150	26	0.74	8%	8
013.02	Fat, Mojonnier, Bak Ext	810	4.4800	0.2200	3.7175	0.8093	0.1150	26	0.94	10%	8
013.02	Fat, Mojonnier, Bak Ext	798	4.4950	0.3500	3.7175	0.8093	0.1150	26	0.96	10%	8
013.02	Fat, Mojonnier, Bak Ext	837	4.5850	0.1900	3.7175	0.8093	0.1150	26	1.07	12%	8

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013.02	Fat, Mojonnier, Bak Ext	809	4.5950	0.3300	3.7175	0.8093	0.1150	26	1.08	12%	8
013.02	Fat, Mojonnier, Bak Ext	793	4.6550	0.0100	3.7175	0.8093	0.1150	26	1.16	13%	8
013.02	Fat, Mojonnier, Bak Ext	804	5.5550	0.2700	3.7175	0.8093	0.1150	26	2.27	25%	8
013.02	Fat, Mojonnier, Bak Ext	797	5.6800	0.4400	3.7175	0.8093	0.1150	26	2.42	26%	8
013.03	Fat, Roese-Gottlieb	618	2.5550	0.0500			0.0500	1			
013.10	Fat, Soxtec-Acid Hydrolysis	845	1.2400	0.6800	2.4118	1.0575	0.2100	10	-1.11	24%	0
013.10	Fat, Soxtec-Acid Hydrolysis	613	1.4300	0.4000	2.4118	1.0575	0.2100	10	-0.93	20%	0
013.10	Fat, Soxtec-Acid Hydrolysis	610	1.5000	0.0000	2.4118	1.0575	0.2100	10	-0.86	19%	0
013.10	Fat, Soxtec-Acid Hydrolysis	539	2.1750	0.3700	2.4118	1.0575	0.2100	10	-0.22	5%	0
013.10	Fat, Soxtec-Acid Hydrolysis	33	2.2450	0.2700	2.4118	1.0575	0.2100	10	-0.16	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis	673	2.2500	0.1000	2.4118	1.0575	0.2100	10	-0.15	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis	660	2.5100	0.0000	2.4118	1.0575	0.2100	10	0.09	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis	732	3.1250	0.0700	2.4118	1.0575	0.2100	10	0.67	15%	0
013.10	Fat, Soxtec-Acid Hydrolysis	353	3.6550	0.1100	2.4118	1.0575	0.2100	10	1.18	26%	0
013.10	Fat, Soxtec-Acid Hydrolysis	843	4.8300	0.1000	2.4118	1.0575	0.2100	10	2.29	50%	0
013.10	Fat, Soxtec-Acid Hydrolysis	733	2.7000	0.0400	2.4118	1.0575	0.2100	10	0.27	6%	8
013.11	Fat, Super Critical Fluid Extraction	866	1.8950	0.0100	2.3875	0.6965	0.1950	2	-0.71	10%	0
013.11	Fat, Super Critical Fluid Extraction	417	2.8800	0.3800	2.3875	0.6965	0.1950	2	0.71	10%	0
015.41	Aluminum, ICP, Dry ash	520	716.0000	0.0000			0.0000	1			
015.42	Aluminum, ICP, Open vessel	560	445.0000	80.0000			80.0000	1			
015.43	Aluminum, ICP, Microwave	510	452.0000	4.0000	528.9167	130.4191	11.0333	3	-0.59	7%	0
015.43	Aluminum, ICP, Microwave	353	455.2500	14.1000	528.9167	130.4191	11.0333	3	-0.56	7%	0
015.43	Aluminum, ICP, Microwave	169	679.5000	15.0000	528.9167	130.4191	11.0333	3	1.15	14%	0
015.52	Aluminum, ICP-MS, Open vessel	154	622.3935	1.9470			1.9470	1			
017.41	Boron, ICP, Dry ash	358	34.3400	2.6400			2.6400	1			
017.42	Boron, ICP, Open vessel	693	35.2800	0.6800	36.9400	2.3476	0.6400	2	-0.71	2%	0
017.42	Boron, ICP, Open vessel	560	38.6000	0.6000	36.9400	2.3476	0.6400	2	0.71	2%	0
017.43	Boron, ICP, Microwave	510	33.5000	0.1000	36.1017	2.4090	0.7167	3	-1.08	4%	0
017.43	Boron, ICP, Microwave	294	36.5500	0.1000	36.1017	2.4090	0.7167	3	0.19	1%	0
017.43	Boron, ICP, Microwave	353	38.2550	1.9500	36.1017	2.4090	0.7167	3	0.89	3%	0
018.52	Cadmium, ICP-MS, Open vessel	154	0.2347	0.0125			0.0125	1			
019.00	Calcium, Ox-Mn04 Vol.	658	1.0802	0.0034	1.4137	0.0998	0.0232	9	-3.34	12%	0
019.00	Calcium, Ox-Mn04 Vol.	651	1.3300	0.0000	1.4137	0.0998	0.0232	9	-0.84	3%	0
019.00	Calcium, Ox-Mn04 Vol.	622	1.3811	0.0602	1.4137	0.0998	0.0232	9	-0.33	1%	0
019.00	Calcium, Ox-Mn04 Vol.	620	1.3885	0.0255	1.4137	0.0998	0.0232	9	-0.25	1%	0
019.00	Calcium, Ox-Mn04 Vol.	868	1.3950	0.0700	1.4137	0.0998	0.0232	9	-0.19	1%	0
019.00	Calcium, Ox-Mn04 Vol.	849	1.4400	0.0200	1.4137	0.0998	0.0232	9	0.26	1%	0
019.00	Calcium, Ox-Mn04 Vol.	194	1.4650	0.0100	1.4137	0.0998	0.0232	9	0.51	2%	0
019.00	Calcium, Ox-Mn04 Vol.	679	1.5200	0.0000	1.4137	0.0998	0.0232	9	1.07	4%	0
019.00	Calcium, Ox-Mn04 Vol.	646	2.0000	0.0200	1.4137	0.0998	0.0232	9	5.88	21%	0
019.00	Calcium, Ox-Mn04 Vol.	623	1.3923	0.1992	1.4137	0.0998	0.0232	9	-0.21	1%	1
019.03	Calcium, Semiauto (Autoanalyzer)	36	1.4981	0.0114	1.5041	0.0084	0.0157	2	-0.71	0%	0

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019.03	Calcium, Semiauto (Autoanalyzer)	307	1.5100	0.0200	1.5041	0.0084	0.0157	2	0.71	0%	0
019.08	Calcium, EDTA	879	1.3800	0.1200	1.4370	0.0377	0.0380	5	-1.51	2%	0
019.08	Calcium, EDTA	871	1.4300	0.0200	1.4370	0.0377	0.0380	5	-0.19	0%	0
019.08	Calcium, EDTA	849	1.4350	0.0300	1.4370	0.0377	0.0380	5	-0.05	0%	0
019.08	Calcium, EDTA	138	1.4600	0.0200	1.4370	0.0377	0.0380	5	0.61	1%	0
019.08	Calcium, EDTA	673	1.4800	0.0000	1.4370	0.0377	0.0380	5	1.14	1%	0
019.31	Calcium, AAS, Dry ash	866	1.3250	0.0300	1.4182	0.0500	0.0360	15	-1.86	3%	0
019.31	Calcium, AAS, Dry ash	674	1.3650	0.0100	1.4182	0.0500	0.0360	15	-1.06	2%	0
019.31	Calcium, AAS, Dry ash	139	1.3780	0.0220	1.4182	0.0500	0.0360	15	-0.80	1%	0
019.31	Calcium, AAS, Dry ash	505	1.3850	0.0100	1.4182	0.0500	0.0360	15	-0.66	1%	0
019.31	Calcium, AAS, Dry ash	307	1.3900	0.0400	1.4182	0.0500	0.0360	15	-0.56	1%	0
019.31	Calcium, AAS, Dry ash	563	1.3910	0.0140	1.4182	0.0500	0.0360	15	-0.54	1%	0
019.31	Calcium, AAS, Dry ash	670	1.4055	0.0070	1.4182	0.0500	0.0360	15	-0.25	0%	0
019.31	Calcium, AAS, Dry ash	354	1.4150	0.0100	1.4182	0.0500	0.0360	15	-0.06	0%	0
019.31	Calcium, AAS, Dry ash	868	1.4200	0.0200	1.4182	0.0500	0.0360	15	0.04	0%	0
019.31	Calcium, AAS, Dry ash	38	1.4250	0.0700	1.4182	0.0500	0.0360	15	0.14	0%	0
019.31	Calcium, AAS, Dry ash	305	1.4350	0.0300	1.4182	0.0500	0.0360	15	0.34	1%	0
019.31	Calcium, AAS, Dry ash	108	1.4700	0.1400	1.4182	0.0500	0.0360	15	1.04	2%	0
019.31	Calcium, AAS, Dry ash	650	1.5050	0.0500	1.4182	0.0500	0.0360	15	1.73	3%	0
019.31	Calcium, AAS, Dry ash	65	1.5112	0.0577	1.4182	0.0500	0.0360	15	1.86	3%	0
019.31	Calcium, AAS, Dry ash	720	1.6150	0.0300	1.4182	0.0500	0.0360	15	3.93	7%	0
019.31	Calcium, AAS, Dry ash	122	10.9800	0.7400	1.4182	0.0500	0.0360	15	191.05	337%	2
019.32	Calcium, AAS, Open vessel	169	1.4150	0.0100	1.4735	0.0445	0.0126	4	-1.32	2%	0
019.32	Calcium, AAS, Open vessel	504	1.4640	0.0300	1.4735	0.0445	0.0126	4	-0.21	0%	0
019.32	Calcium, AAS, Open vessel	722	1.4999	0.0005	1.4735	0.0445	0.0126	4	0.59	1%	0
019.32	Calcium, AAS, Open vessel	609	1.5150	0.0100	1.4735	0.0445	0.0126	4	0.93	1%	0
019.41	Calcium, ICP, Dry ash	89	1.2400	0.0000	1.4263	0.0697	0.0178	20	-2.67	7%	0
019.41	Calcium, ICP, Dry ash	358	1.3050	0.0300	1.4263	0.0697	0.0178	20	-1.74	4%	0
019.41	Calcium, ICP, Dry ash	405	1.3300	0.0400	1.4263	0.0697	0.0178	20	-1.38	3%	0
019.41	Calcium, ICP, Dry ash	695	1.3450	0.0100	1.4263	0.0697	0.0178	20	-1.17	3%	0
019.41	Calcium, ICP, Dry ash	298	1.3700	0.0200	1.4263	0.0697	0.0178	20	-0.81	2%	0
019.41	Calcium, ICP, Dry ash	520	1.4000	0.0000	1.4263	0.0697	0.0178	20	-0.38	1%	0
019.41	Calcium, ICP, Dry ash	148	1.4075	0.0050	1.4263	0.0697	0.0178	20	-0.27	1%	0
019.41	Calcium, ICP, Dry ash	229	1.4200	0.0200	1.4263	0.0697	0.0178	20	-0.09	0%	0
019.41	Calcium, ICP, Dry ash	100	1.4250	0.0100	1.4263	0.0697	0.0178	20	-0.02	0%	0
019.41	Calcium, ICP, Dry ash	242	1.4250	0.0300	1.4263	0.0697	0.0178	20	-0.02	0%	0
019.41	Calcium, ICP, Dry ash	83	1.4300	0.0200	1.4263	0.0697	0.0178	20	0.05	0%	0
019.41	Calcium, ICP, Dry ash	628	1.4350	0.0100	1.4263	0.0697	0.0178	20	0.13	0%	0
019.41	Calcium, ICP, Dry ash	171	1.4400	0.0200	1.4263	0.0697	0.0178	20	0.20	0%	0
019.41	Calcium, ICP, Dry ash	265	1.4400	0.0200	1.4263	0.0697	0.0178	20	0.20	0%	0
019.41	Calcium, ICP, Dry ash	98	1.4550	0.0500	1.4263	0.0697	0.0178	20	0.41	1%	0
019.41	Calcium, ICP, Dry ash	226	1.4850	0.0100	1.4263	0.0697	0.0178	20	0.84	2%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
019.41	Calcium, ICP, Dry ash	413	1.5000	0.0000	1.4263	0.0697	0.0178	20	1.06	3%	0
019.41	Calcium, ICP, Dry ash	675	1.5050	0.0100	1.4263	0.0697	0.0178	20	1.13	3%	0
019.41	Calcium, ICP, Dry ash	407	1.5250	0.0100	1.4263	0.0697	0.0178	20	1.42	3%	0
019.41	Calcium, ICP, Dry ash	682	1.6700	0.0400	1.4263	0.0697	0.0178	20	3.50	9%	0
019.42	Calcium, ICP, Open vessel	309	1.3245	0.0410	1.4214	0.0563	0.0306	17	-1.72	3%	0
019.42	Calcium, ICP, Open vessel	560	1.3260	0.0000	1.4214	0.0563	0.0306	17	-1.69	3%	0
019.42	Calcium, ICP, Open vessel	613	1.3700	0.0200	1.4214	0.0563	0.0306	17	-0.91	2%	0
019.42	Calcium, ICP, Open vessel	98	1.3850	0.0300	1.4214	0.0563	0.0306	17	-0.65	1%	0
019.42	Calcium, ICP, Open vessel	199	1.3900	0.0200	1.4214	0.0563	0.0306	17	-0.56	1%	0
019.42	Calcium, ICP, Open vessel	187	1.3950	0.0100	1.4214	0.0563	0.0306	17	-0.47	1%	0
019.42	Calcium, ICP, Open vessel	106	1.4050	0.0100	1.4214	0.0563	0.0306	17	-0.29	1%	0
019.42	Calcium, ICP, Open vessel	186	1.4100	0.0600	1.4214	0.0563	0.0306	17	-0.20	0%	0
019.42	Calcium, ICP, Open vessel	37	1.4200	0.0600	1.4214	0.0563	0.0306	17	-0.02	0%	0
019.42	Calcium, ICP, Open vessel	692	1.4250	0.0100	1.4214	0.0563	0.0306	17	0.06	0%	0
019.42	Calcium, ICP, Open vessel	357	1.4300	0.0000	1.4214	0.0563	0.0306	17	0.15	0%	0
019.42	Calcium, ICP, Open vessel	693	1.4350	0.0100	1.4214	0.0563	0.0306	17	0.24	0%	0
019.42	Calcium, ICP, Open vessel	504	1.4555	0.0450	1.4214	0.0563	0.0306	17	0.61	1%	0
019.42	Calcium, ICP, Open vessel	278	1.4650	0.0700	1.4214	0.0563	0.0306	17	0.77	2%	0
019.42	Calcium, ICP, Open vessel	160	1.5730	0.0340	1.4214	0.0563	0.0306	17	2.69	5%	0
019.42	Calcium, ICP, Open vessel	202	1.6900	0.0000	1.4214	0.0563	0.0306	17	4.77	9%	0
019.42	Calcium, ICP, Open vessel	864	1.7100	0.1000	1.4214	0.0563	0.0306	17	5.12	10%	0
019.42	Calcium, ICP, Open vessel	870	1.4320	0.2280	1.4214	0.0563	0.0306	17	0.19	0%	1
019.43	Calcium, ICP, Microwave	616	0.1265	0.0150	1.3869	0.0429	0.0213	7	-29.40	45%	0
019.43	Calcium, ICP, Microwave	510	1.3450	0.0300	1.3869	0.0429	0.0213	7	-0.98	2%	0
019.43	Calcium, ICP, Microwave	588	1.3700	0.0440	1.3869	0.0429	0.0213	7	-0.39	1%	0
019.43	Calcium, ICP, Microwave	297	1.4000	0.0200	1.3869	0.0429	0.0213	7	0.31	0%	0
019.43	Calcium, ICP, Microwave	294	1.4100	0.0000	1.3869	0.0429	0.0213	7	0.54	1%	0
019.43	Calcium, ICP, Microwave	353	1.4200	0.0200	1.3869	0.0429	0.0213	7	0.77	1%	0
019.43	Calcium, ICP, Microwave	38	1.4300	0.0200	1.3869	0.0429	0.0213	7	1.01	2%	0
019.52	Calcium, ICP-MS, Open vessel	154	1.4038	0.1085			0.1085	1			
019.53	Calcium, ICP-MS, Microwave	572	1.3100	0.0600			0.0600	1			
019.99	Calcium, Miscellaneous	889	1.6200	0.0400			0.0400	1			
020.32	Chromium, AAS, Open vessel	722	10.9521	0.3196			0.3196	1			
020.41	Chromium, ICP, Dry ash	171	16.7000	0.8000			0.8000	1			
020.42	Chromium, ICP, Open vessel	560	7.1250	3.2100			3.2100	1			
020.43	Chromium, ICP, Microwave	616	17.0500	0.5000	17.1900	0.1980	0.4600	2	-0.71	0%	0
020.43	Chromium, ICP, Microwave	510	17.3300	0.4200	17.1900	0.1980	0.4600	2	0.71	0%	0
020.52	Chromium, ICP-MS, Open vessel	154	20.6640	0.0336			0.0336	1			
021.32	Cobalt, AAS, Open vessel	722	10.7544	0.1632			0.1632	1			
021.41	Cobalt, ICP, Dry ash	171	9.5500	0.3000			0.3000	1			
021.42	Cobalt, ICP, Open vessel	560	4.6000	1.7400	5.0450	0.6293	1.6300	2	-0.71	4%	0
021.42	Cobalt, ICP, Open vessel	693	5.4900	1.5200	5.0450	0.6293	1.6300	2	0.71	4%	0

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021.43	Cobalt, ICP, Microwave	510	5.9900	0.0200	8.3963	2.0722	0.7175	4	-1.16	14%	0
021.43	Cobalt, ICP, Microwave	616	7.4450	1.7500	8.3963	2.0722	0.7175	4	-0.46	6%	0
021.43	Cobalt, ICP, Microwave	38	9.5500	0.5000	8.3963	2.0722	0.7175	4	0.56	7%	0
021.43	Cobalt, ICP, Microwave	169	10.6000	0.6000	8.3963	2.0722	0.7175	4	1.06	13%	0
021.52	Cobalt, ICP-MS, Open vessel	154	9.1566	0.0001			0.0001	1			
022.31	Copper, AAS, Dry ash	866	8.5750	0.3700	10.3986	1.5866	0.9963	9	-1.15	9%	0
022.31	Copper, AAS, Dry ash	563	9.0575	0.3250	10.3986	1.5866	0.9963	9	-0.85	6%	0
022.31	Copper, AAS, Dry ash	628	9.5000	1.0000	10.3986	1.5866	0.9963	9	-0.57	4%	0
022.31	Copper, AAS, Dry ash	354	9.6350	0.1300	10.3986	1.5866	0.9963	9	-0.48	4%	0
022.31	Copper, AAS, Dry ash	305	9.6550	0.6100	10.3986	1.5866	0.9963	9	-0.47	4%	0
022.31	Copper, AAS, Dry ash	178	11.0000	2.0000	10.3986	1.5866	0.9963	9	0.38	3%	0
022.31	Copper, AAS, Dry ash	868	12.0500	0.5000	10.3986	1.5866	0.9963	9	1.04	8%	0
022.31	Copper, AAS, Dry ash	307	19.9000	3.2000	10.3986	1.5866	0.9963	9	5.99	46%	0
022.31	Copper, AAS, Dry ash	720	20.4060	0.8320	10.3986	1.5866	0.9963	9	6.31	48%	0
022.32	Copper, AAS, Open vessel	504	9.5465	0.6430	10.0230	0.5339	0.9495	3	-0.89	2%	0
022.32	Copper, AAS, Open vessel	722	9.9226	1.0055	10.0230	0.5339	0.9495	3	-0.19	1%	0
022.32	Copper, AAS, Open vessel	38	10.6000	1.2000	10.0230	0.5339	0.9495	3	1.08	3%	0
022.41	Copper, ICP, Dry ash	229	7.5000	1.0000	9.1843	1.0991	0.5514	14	-1.53	9%	0
022.41	Copper, ICP, Dry ash	171	8.0500	0.3000	9.1843	1.0991	0.5514	14	-1.03	6%	0
022.41	Copper, ICP, Dry ash	148	8.4300	0.0800	9.1843	1.0991	0.5514	14	-0.69	4%	0
022.41	Copper, ICP, Dry ash	226	8.5000	1.0000	9.1843	1.0991	0.5514	14	-0.62	4%	0
022.41	Copper, ICP, Dry ash	265	8.5000	1.0000	9.1843	1.0991	0.5514	14	-0.62	4%	0
022.41	Copper, ICP, Dry ash	358	8.5300	0.1800	9.1843	1.0991	0.5514	14	-0.60	4%	0
022.41	Copper, ICP, Dry ash	100	9.0000	0.0000	9.1843	1.0991	0.5514	14	-0.17	1%	0
022.41	Copper, ICP, Dry ash	98	9.1550	0.9500	9.1843	1.0991	0.5514	14	-0.03	0%	0
022.41	Copper, ICP, Dry ash	242	9.5000	1.0000	9.1843	1.0991	0.5514	14	0.29	2%	0
022.41	Copper, ICP, Dry ash	407	9.7600	0.0400	9.1843	1.0991	0.5514	14	0.52	3%	0
022.41	Copper, ICP, Dry ash	83	10.0000	0.0000	9.1843	1.0991	0.5514	14	0.74	4%	0
022.41	Copper, ICP, Dry ash	405	10.5000	1.0000	9.1843	1.0991	0.5514	14	1.20	7%	0
022.41	Copper, ICP, Dry ash	520	10.5000	1.0000	9.1843	1.0991	0.5514	14	1.20	7%	0
022.41	Copper, ICP, Dry ash	675	12.3550	0.1700	9.1843	1.0991	0.5514	14	2.88	17%	0
022.41	Copper, ICP, Dry ash	682	96.5500	30.3000	9.1843	1.0991	0.5514	14	79.49	476%	2
022.42	Copper, ICP, Open vessel	98	0.0000	0.0000	10.6442	3.3822	1.3114	14	-3.15	50%	0
022.42	Copper, ICP, Open vessel	413	7.1200	0.7400	10.6442	3.3822	1.3114	14	-1.04	17%	0
022.42	Copper, ICP, Open vessel	560	8.0500	0.1800	10.6442	3.3822	1.3114	14	-0.77	12%	0
022.42	Copper, ICP, Open vessel	199	8.3000	0.0200	10.6442	3.3822	1.3114	14	-0.69	11%	0
022.42	Copper, ICP, Open vessel	613	8.5800	1.0600	10.6442	3.3822	1.3114	14	-0.61	10%	0
022.42	Copper, ICP, Open vessel	309	9.8550	2.6900	10.6442	3.3822	1.3114	14	-0.23	4%	0
022.42	Copper, ICP, Open vessel	864	10.6400	0.0800	10.6442	3.3822	1.3114	14	0.00	0%	0
022.42	Copper, ICP, Open vessel	870	10.9600	3.4800	10.6442	3.3822	1.3114	14	0.09	1%	0
022.42	Copper, ICP, Open vessel	106	11.1000	0.0000	10.6442	3.3822	1.3114	14	0.13	2%	0
022.42	Copper, ICP, Open vessel	187	11.8750	0.0100	10.6442	3.3822	1.3114	14	0.36	6%	0

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022.42	Copper, ICP, Open vessel	186	12.5000	1.0000	10.6442	3.3822	1.3114	14	0.55	9%	0
022.42	Copper, ICP, Open vessel	278	13.5000	0.0000	10.6442	3.3822	1.3114	14	0.84	13%	0
022.42	Copper, ICP, Open vessel	202	15.2500	0.1000	10.6442	3.3822	1.3114	14	1.36	22%	0
022.42	Copper, ICP, Open vessel	357	17.5000	9.0000	10.6442	3.3822	1.3114	14	2.03	32%	0
022.42	Copper, ICP, Open vessel	693	19.5550	15.7900	10.6442	3.3822	1.3114	14	2.63	42%	1
022.42	Copper, ICP, Open vessel	692	95.4500	5.3000	10.6442	3.3822	1.3114	14	25.07	398%	2
022.43	Copper, ICP, Microwave	297	7.5000	1.0000	9.6600	2.2773	1.4343	7	-0.95	11%	0
022.43	Copper, ICP, Microwave	353	7.5800	0.5200	9.6600	2.2773	1.4343	7	-0.91	11%	0
022.43	Copper, ICP, Microwave	510	8.0000	2.0000	9.6600	2.2773	1.4343	7	-0.73	9%	0
022.43	Copper, ICP, Microwave	169	9.8900	1.2200	9.6600	2.2773	1.4343	7	0.10	1%	0
022.43	Copper, ICP, Microwave	294	10.5500	0.1000	9.6600	2.2773	1.4343	7	0.39	5%	0
022.43	Copper, ICP, Microwave	38	11.7500	1.1000	9.6600	2.2773	1.4343	7	0.92	11%	0
022.43	Copper, ICP, Microwave	616	12.3500	4.1000	9.6600	2.2773	1.4343	7	1.18	14%	0
022.52	Copper, ICP-MS, Open vessel	154	13.9543	6.9286			6.9286	1			
022.53	Copper, ICP-MS, Microwave	572	8.3200	1.2000			1.2000	1			
025.31	Iron, AAS, Dry ash	868	412.5000	13.0000	577.0940	67.8351	9.9800	10	-2.43	14%	0
025.31	Iron, AAS, Dry ash	628	443.0000	2.0000	577.0940	67.8351	9.9800	10	-1.98	12%	0
025.31	Iron, AAS, Dry ash	307	550.0000	8.0000	577.0940	67.8351	9.9800	10	-0.40	2%	0
025.31	Iron, AAS, Dry ash	563	563.3250	11.4500	577.0940	67.8351	9.9800	10	-0.20	1%	0
025.31	Iron, AAS, Dry ash	305	566.5850	3.1700	577.0940	67.8351	9.9800	10	-0.15	1%	0
025.31	Iron, AAS, Dry ash	38	581.0000	22.0000	577.0940	67.8351	9.9800	10	0.06	0%	0
025.31	Iron, AAS, Dry ash	354	588.8600	6.7800	577.0940	67.8351	9.9800	10	0.17	1%	0
025.31	Iron, AAS, Dry ash	670	626.0000	8.0000	577.0940	67.8351	9.9800	10	0.72	4%	0
025.31	Iron, AAS, Dry ash	720	660.7000	5.4000	577.0940	67.8351	9.9800	10	1.23	7%	0
025.31	Iron, AAS, Dry ash	505	810.0000	20.0000	577.0940	67.8351	9.9800	10	3.43	20%	0
025.32	Iron, AAS, Open vessel	722	620.3035	3.3107	629.4017	12.8669	7.3554	2	-0.71	1%	0
025.32	Iron, AAS, Open vessel	504	638.5000	11.4000	629.4017	12.8669	7.3554	2	0.71	1%	0
025.41	Iron, ICP, Dry ash	265	468.0000	8.0000	569.7200	35.3962	11.7740	15	-2.87	9%	0
025.41	Iron, ICP, Dry ash	226	515.0000	8.0000	569.7200	35.3962	11.7740	15	-1.55	5%	0
025.41	Iron, ICP, Dry ash	405	543.0000	6.0000	569.7200	35.3962	11.7740	15	-0.75	2%	0
025.41	Iron, ICP, Dry ash	83	545.0000	10.0000	569.7200	35.3962	11.7740	15	-0.70	2%	0
025.41	Iron, ICP, Dry ash	242	556.5000	7.0000	569.7200	35.3962	11.7740	15	-0.37	1%	0
025.41	Iron, ICP, Dry ash	148	559.5000	1.6000	569.7200	35.3962	11.7740	15	-0.29	1%	0
025.41	Iron, ICP, Dry ash	171	563.0000	24.0000	569.7200	35.3962	11.7740	15	-0.19	1%	0
025.41	Iron, ICP, Dry ash	100	566.0000	10.0000	569.7200	35.3962	11.7740	15	-0.11	0%	0
025.41	Iron, ICP, Dry ash	229	571.0000	8.0000	569.7200	35.3962	11.7740	15	0.04	0%	0
025.41	Iron, ICP, Dry ash	675	580.0000	5.0200	569.7200	35.3962	11.7740	15	0.29	1%	0
025.41	Iron, ICP, Dry ash	98	587.3000	34.8000	569.7200	35.3962	11.7740	15	0.50	2%	0
025.41	Iron, ICP, Dry ash	520	605.0000	2.0000	569.7200	35.3962	11.7740	15	1.00	3%	0
025.41	Iron, ICP, Dry ash	407	605.5000	1.0000	569.7200	35.3962	11.7740	15	1.01	3%	0
025.41	Iron, ICP, Dry ash	358	668.1150	37.0900	569.7200	35.3962	11.7740	15	2.78	9%	0
025.41	Iron, ICP, Dry ash	682	687.1200	14.1000	569.7200	35.3962	11.7740	15	3.32	10%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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025.42	Iron, ICP, Open vessel	309	401.0000	13.0000	488.6550	58.9793	31.5427	15	-1.49	9%	0
025.42	Iron, ICP, Open vessel	278	427.0000	52.0000	488.6550	58.9793	31.5427	15	-1.05	6%	0
025.42	Iron, ICP, Open vessel	187	433.9200	12.0200	488.6550	58.9793	31.5427	15	-0.93	6%	0
025.42	Iron, ICP, Open vessel	413	452.0000	80.0000	488.6550	58.9793	31.5427	15	-0.62	4%	0
025.42	Iron, ICP, Open vessel	870	455.0500	86.9000	488.6550	58.9793	31.5427	15	-0.57	3%	0
025.42	Iron, ICP, Open vessel	98	467.0000	59.6000	488.6550	58.9793	31.5427	15	-0.37	2%	0
025.42	Iron, ICP, Open vessel	106	472.5000	5.0000	488.6550	58.9793	31.5427	15	-0.27	2%	0
025.42	Iron, ICP, Open vessel	160	472.8350	0.3300	488.6550	58.9793	31.5427	15	-0.27	2%	0
025.42	Iron, ICP, Open vessel	692	490.5000	7.0000	488.6550	58.9793	31.5427	15	0.03	0%	0
025.42	Iron, ICP, Open vessel	560	510.0000	38.0000	488.6550	58.9793	31.5427	15	0.36	2%	0
025.42	Iron, ICP, Open vessel	613	525.3150	76.6500	488.6550	58.9793	31.5427	15	0.62	4%	0
025.42	Iron, ICP, Open vessel	693	544.5000	17.0000	488.6550	58.9793	31.5427	15	0.95	6%	0
025.42	Iron, ICP, Open vessel	864	601.3800	3.6400	488.6550	58.9793	31.5427	15	1.91	12%	0
025.42	Iron, ICP, Open vessel	37	604.0000	10.0000	488.6550	58.9793	31.5427	15	1.96	12%	0
025.42	Iron, ICP, Open vessel	199	617.0000	12.0000	488.6550	58.9793	31.5427	15	2.18	13%	0
025.43	Iron, ICP, Microwave	294	430.8900	1.5800	559.5557	105.9493	11.2257	7	-1.21	11%	0
025.43	Iron, ICP, Microwave	353	470.9000	38.2000	559.5557	105.9493	11.2257	7	-0.84	8%	0
025.43	Iron, ICP, Microwave	510	516.5000	7.0000	559.5557	105.9493	11.2257	7	-0.41	4%	0
025.43	Iron, ICP, Microwave	297	542.0000	14.0000	559.5557	105.9493	11.2257	7	-0.17	2%	0
025.43	Iron, ICP, Microwave	588	646.6000	5.8000	559.5557	105.9493	11.2257	7	0.82	8%	0
025.43	Iron, ICP, Microwave	38	654.0000	4.0000	559.5557	105.9493	11.2257	7	0.89	8%	0
025.43	Iron, ICP, Microwave	169	656.0000	8.0000	559.5557	105.9493	11.2257	7	0.91	9%	0
025.43	Iron, ICP, Microwave	616	3110.0000	980.0000	559.5557	105.9493	11.2257	7	24.07	228%	1
025.52	Iron, ICP-MS, Open vessel	154	602.1350	18.0500			18.0500	1			
025.99	Iron, Miscellaneous	889	724.5000	21.0000			21.0000	1			
026.31	Lead, AAS, Dry ash	866	2.3920	0.0100			0.0100	1			
026.52	Lead, ICP-MS, Open vessel	154	2.3384	0.0104			0.0104	1			
027.31	Magnesium, AAS, Dry ash	650	0.2507	0.0041	0.2642	0.0101	0.0075	13	-1.34	3%	0
027.31	Magnesium, AAS, Dry ash	868	0.2525	0.0050	0.2642	0.0101	0.0075	13	-1.16	2%	0
027.31	Magnesium, AAS, Dry ash	563	0.2589	0.0019	0.2642	0.0101	0.0075	13	-0.53	1%	0
027.31	Magnesium, AAS, Dry ash	139	0.2596	0.0024	0.2642	0.0101	0.0075	13	-0.46	1%	0
027.31	Magnesium, AAS, Dry ash	305	0.2600	0.0000	0.2642	0.0101	0.0075	13	-0.42	1%	0
027.31	Magnesium, AAS, Dry ash	307	0.2600	0.0000	0.2642	0.0101	0.0075	13	-0.42	1%	0
027.31	Magnesium, AAS, Dry ash	628	0.2600	0.0000	0.2642	0.0101	0.0075	13	-0.42	1%	0
027.31	Magnesium, AAS, Dry ash	65	0.2639	0.0177	0.2642	0.0101	0.0075	13	-0.03	0%	0
027.31	Magnesium, AAS, Dry ash	38	0.2690	0.0060	0.2642	0.0101	0.0075	13	0.48	1%	0
027.31	Magnesium, AAS, Dry ash	505	0.2700	0.0000	0.2642	0.0101	0.0075	13	0.58	1%	0
027.31	Magnesium, AAS, Dry ash	354	0.2850	0.0100	0.2642	0.0101	0.0075	13	2.06	4%	0
027.31	Magnesium, AAS, Dry ash	646	0.3400	0.0200	0.2642	0.0101	0.0075	13	7.52	14%	0
027.31	Magnesium, AAS, Dry ash	720	0.4050	0.0300	0.2642	0.0101	0.0075	13	13.97	27%	0
027.32	Magnesium, AAS, Open vessel	504	0.2660	0.0207	0.2762	0.0103	0.0103	4	-0.99	2%	0
027.32	Magnesium, AAS, Open vessel	722	0.2687	0.0005	0.2762	0.0103	0.0103	4	-0.73	1%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
027.32	Magnesium, AAS, Open vessel	169	0.2850	0.0100	0.2762	0.0103	0.0103	4	0.86	2%	0
027.32	Magnesium, AAS, Open vessel	609	0.2850	0.0100	0.2762	0.0103	0.0103	4	0.86	2%	0
027.41	Magnesium, ICP, Dry ash	358	0.2350	0.0100	0.2686	0.0162	0.0051	16	-2.08	6%	0
027.41	Magnesium, ICP, Dry ash	242	0.2500	0.0000	0.2686	0.0162	0.0051	16	-1.15	3%	0
027.41	Magnesium, ICP, Dry ash	148	0.2505	0.0010	0.2686	0.0162	0.0051	16	-1.12	3%	0
027.41	Magnesium, ICP, Dry ash	98	0.2600	0.0200	0.2686	0.0162	0.0051	16	-0.53	2%	0
027.41	Magnesium, ICP, Dry ash	265	0.2600	0.0000	0.2686	0.0162	0.0051	16	-0.53	2%	0
027.41	Magnesium, ICP, Dry ash	520	0.2600	0.0000	0.2686	0.0162	0.0051	16	-0.53	2%	0
027.41	Magnesium, ICP, Dry ash	83	0.2650	0.0100	0.2686	0.0162	0.0051	16	-0.22	1%	0
027.41	Magnesium, ICP, Dry ash	226	0.2650	0.0100	0.2686	0.0162	0.0051	16	-0.22	1%	0
027.41	Magnesium, ICP, Dry ash	229	0.2700	0.0000	0.2686	0.0162	0.0051	16	0.08	0%	0
027.41	Magnesium, ICP, Dry ash	675	0.2700	0.0000	0.2686	0.0162	0.0051	16	0.08	0%	0
027.41	Magnesium, ICP, Dry ash	171	0.2745	0.0090	0.2686	0.0162	0.0051	16	0.36	1%	0
027.41	Magnesium, ICP, Dry ash	100	0.2800	0.0000	0.2686	0.0162	0.0051	16	0.70	2%	0
027.41	Magnesium, ICP, Dry ash	413	0.2800	0.0000	0.2686	0.0162	0.0051	16	0.70	2%	0
027.41	Magnesium, ICP, Dry ash	407	0.2885	0.0010	0.2686	0.0162	0.0051	16	1.23	4%	0
027.41	Magnesium, ICP, Dry ash	405	0.2900	0.0200	0.2686	0.0162	0.0051	16	1.32	4%	0
027.41	Magnesium, ICP, Dry ash	682	0.3300	0.0000	0.2686	0.0162	0.0051	16	3.79	11%	0
027.42	Magnesium, ICP, Open vessel	98	0.2500	0.0000	0.2687	0.0161	0.0069	18	-1.16	3%	0
027.42	Magnesium, ICP, Open vessel	309	0.2507	0.0048	0.2687	0.0161	0.0069	18	-1.12	3%	0
027.42	Magnesium, ICP, Open vessel	106	0.2515	0.0010	0.2687	0.0161	0.0069	18	-1.07	3%	0
027.42	Magnesium, ICP, Open vessel	187	0.2523	0.0005	0.2687	0.0161	0.0069	18	-1.02	3%	0
027.42	Magnesium, ICP, Open vessel	692	0.2550	0.0100	0.2687	0.0161	0.0069	18	-0.85	3%	0
027.42	Magnesium, ICP, Open vessel	870	0.2631	0.0293	0.2687	0.0161	0.0069	18	-0.35	1%	0
027.42	Magnesium, ICP, Open vessel	278	0.2650	0.0100	0.2687	0.0161	0.0069	18	-0.23	1%	0
027.42	Magnesium, ICP, Open vessel	560	0.2665	0.0030	0.2687	0.0161	0.0069	18	-0.14	0%	0
027.42	Magnesium, ICP, Open vessel	37	0.2685	0.0050	0.2687	0.0161	0.0069	18	-0.02	0%	0
027.42	Magnesium, ICP, Open vessel	186	0.2685	0.0150	0.2687	0.0161	0.0069	18	-0.02	0%	0
027.42	Magnesium, ICP, Open vessel	693	0.2685	0.0010	0.2687	0.0161	0.0069	18	-0.02	0%	0
027.42	Magnesium, ICP, Open vessel	199	0.2700	0.0000	0.2687	0.0161	0.0069	18	0.08	0%	0
027.42	Magnesium, ICP, Open vessel	357	0.2700	0.0000	0.2687	0.0161	0.0069	18	0.08	0%	0
027.42	Magnesium, ICP, Open vessel	160	0.2775	0.0050	0.2687	0.0161	0.0069	18	0.54	2%	0
027.42	Magnesium, ICP, Open vessel	864	0.2850	0.0300	0.2687	0.0161	0.0069	18	1.01	3%	0
027.42	Magnesium, ICP, Open vessel	613	0.2900	0.0000	0.2687	0.0161	0.0069	18	1.32	4%	0
027.42	Magnesium, ICP, Open vessel	504	0.2925	0.0090	0.2687	0.0161	0.0069	18	1.47	4%	0
027.42	Magnesium, ICP, Open vessel	202	0.3200	0.0000	0.2687	0.0161	0.0069	18	3.18	10%	0
027.43	Magnesium, ICP, Microwave	616	0.0222	0.0010	0.2097	0.1052	0.0008	5	-1.78	45%	0
027.43	Magnesium, ICP, Microwave	38	0.2465	0.0030	0.2097	0.1052	0.0008	5	0.35	9%	0
027.43	Magnesium, ICP, Microwave	510	0.2500	0.0000	0.2097	0.1052	0.0008	5	0.38	10%	0
027.43	Magnesium, ICP, Microwave	294	0.2600	0.0000	0.2097	0.1052	0.0008	5	0.48	12%	0
027.43	Magnesium, ICP, Microwave	297	0.2700	0.0000	0.2097	0.1052	0.0008	5	0.57	14%	0
027.43	Magnesium, ICP, Microwave	353	0.2600	0.0200	0.2097	0.1052	0.0008	5	0.48	12%	1

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			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
027.52	Magnesium, ICP-MS, Open vessel	154	0.2496	0.0153			0.0153	1			
027.53	Magnesium, ICP-MS, Microwave	572	0.2600	0.0060			0.0060	1			
028.31	Manganese, AAS, Dry ash	354	57.3100	0.2600	58.9444	1.7951	0.5629	7	-0.91	1%	0
028.31	Manganese, AAS, Dry ash	563	57.4350	0.1500	58.9444	1.7951	0.5629	7	-0.84	1%	0
028.31	Manganese, AAS, Dry ash	307	58.2500	0.5000	58.9444	1.7951	0.5629	7	-0.39	1%	0
028.31	Manganese, AAS, Dry ash	305	58.7300	0.9200	58.9444	1.7951	0.5629	7	-0.12	0%	0
028.31	Manganese, AAS, Dry ash	720	58.7750	0.9100	58.9444	1.7951	0.5629	7	-0.09	0%	0
028.31	Manganese, AAS, Dry ash	628	60.5000	1.0000	58.9444	1.7951	0.5629	7	0.87	1%	0
028.31	Manganese, AAS, Dry ash	868	63.6000	0.2000	58.9444	1.7951	0.5629	7	2.59	4%	0
028.32	Manganese, AAS, Open vessel	722	55.5397	3.7055	56.9582	1.2727	1.3252	3	-1.11	1%	0
028.32	Manganese, AAS, Open vessel	504	57.3350	0.2700	56.9582	1.2727	1.3252	3	0.30	0%	0
028.32	Manganese, AAS, Open vessel	38	58.0000	0.0000	56.9582	1.2727	1.3252	3	0.82	1%	0
028.41	Manganese, ICP, Dry ash	358	52.7400	0.1800	57.4976	2.9073	1.2050	14	-1.64	4%	0
028.41	Manganese, ICP, Dry ash	675	53.5100	1.1400	57.4976	2.9073	1.2050	14	-1.37	3%	0
028.41	Manganese, ICP, Dry ash	100	54.5000	1.0000	57.4976	2.9073	1.2050	14	-1.03	3%	0
028.41	Manganese, ICP, Dry ash	148	55.9500	1.5600	57.4976	2.9073	1.2050	14	-0.53	1%	0
028.41	Manganese, ICP, Dry ash	242	56.0000	0.0000	57.4976	2.9073	1.2050	14	-0.52	1%	0
028.41	Manganese, ICP, Dry ash	171	56.9500	1.5000	57.4976	2.9073	1.2050	14	-0.19	0%	0
028.41	Manganese, ICP, Dry ash	229	57.5000	1.0000	57.4976	2.9073	1.2050	14	0.00	0%	0
028.41	Manganese, ICP, Dry ash	226	58.0000	2.0000	57.4976	2.9073	1.2050	14	0.17	0%	0
028.41	Manganese, ICP, Dry ash	265	58.0000	2.0000	57.4976	2.9073	1.2050	14	0.17	0%	0
028.41	Manganese, ICP, Dry ash	520	58.0000	0.0000	57.4976	2.9073	1.2050	14	0.17	0%	0
028.41	Manganese, ICP, Dry ash	83	59.5000	1.0000	57.4976	2.9073	1.2050	14	0.69	2%	0
028.41	Manganese, ICP, Dry ash	98	59.6000	4.2000	57.4976	2.9073	1.2050	14	0.72	2%	0
028.41	Manganese, ICP, Dry ash	407	61.6650	0.2900	57.4976	2.9073	1.2050	14	1.43	4%	0
028.41	Manganese, ICP, Dry ash	405	80.5000	1.0000	57.4976	2.9073	1.2050	14	7.91	20%	0
028.41	Manganese, ICP, Dry ash	682	81.7650	7.6300	57.4976	2.9073	1.2050	14	8.35	21%	1
028.42	Manganese, ICP, Open vessel	98	49.4050	0.5500	58.6127	6.7360	2.5435	17	-1.37	8%	0
028.42	Manganese, ICP, Open vessel	37	50.8350	1.3100	58.6127	6.7360	2.5435	17	-1.15	7%	0
028.42	Manganese, ICP, Open vessel	309	52.6600	2.8200	58.6127	6.7360	2.5435	17	-0.88	5%	0
028.42	Manganese, ICP, Open vessel	413	53.2500	8.1000	58.6127	6.7360	2.5435	17	-0.80	5%	0
028.42	Manganese, ICP, Open vessel	870	54.0600	6.1600	58.6127	6.7360	2.5435	17	-0.68	4%	0
028.42	Manganese, ICP, Open vessel	278	55.5000	1.0000	58.6127	6.7360	2.5435	17	-0.46	3%	0
028.42	Manganese, ICP, Open vessel	106	56.4500	0.5000	58.6127	6.7360	2.5435	17	-0.32	2%	0
028.42	Manganese, ICP, Open vessel	187	56.7900	0.0600	58.6127	6.7360	2.5435	17	-0.27	2%	0
028.42	Manganese, ICP, Open vessel	186	58.0000	8.0000	58.6127	6.7360	2.5435	17	-0.09	1%	0
028.42	Manganese, ICP, Open vessel	560	58.1000	0.4000	58.6127	6.7360	2.5435	17	-0.08	0%	0
028.42	Manganese, ICP, Open vessel	613	58.8700	5.6200	58.6127	6.7360	2.5435	17	0.04	0%	0
028.42	Manganese, ICP, Open vessel	693	62.0050	0.5900	58.6127	6.7360	2.5435	17	0.50	3%	0
028.42	Manganese, ICP, Open vessel	357	62.5000	1.0000	58.6127	6.7360	2.5435	17	0.58	3%	0
028.42	Manganese, ICP, Open vessel	864	64.5700	2.1600	58.6127	6.7360	2.5435	17	0.88	5%	0
028.42	Manganese, ICP, Open vessel	202	67.4000	0.2000	58.6127	6.7360	2.5435	17	1.30	7%	0

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028.42	Manganese, ICP, Open vessel	692	68.4500	4.1000	58.6127	6.7360	2.5435	17	1.46	8%	0
028.42	Manganese, ICP, Open vessel	160	74.3350	0.6700	58.6127	6.7360	2.5435	17	2.33	13%	0
028.43	Manganese, ICP, Microwave	616	42.0000	2.4000	56.4450	3.9198	1.3071	7	-3.69	13%	0
028.43	Manganese, ICP, Microwave	510	53.5000	1.0000	56.4450	3.9198	1.3071	7	-0.75	3%	0
028.43	Manganese, ICP, Microwave	353	55.5150	2.1500	56.4450	3.9198	1.3071	7	-0.24	1%	0
028.43	Manganese, ICP, Microwave	297	56.5000	1.0000	56.4450	3.9198	1.3071	7	0.01	0%	0
028.43	Manganese, ICP, Microwave	294	57.7500	0.5000	56.4450	3.9198	1.3071	7	0.33	1%	0
028.43	Manganese, ICP, Microwave	38	58.8500	0.3000	56.4450	3.9198	1.3071	7	0.61	2%	0
028.43	Manganese, ICP, Microwave	169	63.8000	1.8000	56.4450	3.9198	1.3071	7	1.88	7%	0
028.52	Manganese, ICP-MS, Open vessel	154	596.7720	3.7555			3.7555	1			
028.53	Manganese, ICP-MS, Microwave	572	52.4500	5.3000			5.3000	1			
029.99	Mercury, Miscellaneous	866	0.0060	0.0001			0.0001	1			
031.00	Phosphorus, Vol	849	0.2250	0.0100			0.0100	1			
031.01	Phosphorus, Photometric	658	0.2242	0.0086	0.2642	0.0216	0.0111	19	-1.85	8%	0
031.01	Phosphorus, Photometric	620	0.2387	0.0019	0.2642	0.0216	0.0111	19	-1.18	5%	0
031.01	Phosphorus, Photometric	623	0.2444	0.0359	0.2642	0.0216	0.0111	19	-0.92	4%	0
031.01	Phosphorus, Photometric	868	0.2490	0.0080	0.2642	0.0216	0.0111	19	-0.70	3%	0
031.01	Phosphorus, Photometric	622	0.2507	0.0011	0.2642	0.0216	0.0111	19	-0.63	3%	0
031.01	Phosphorus, Photometric	722	0.2516	0.0014	0.2642	0.0216	0.0111	19	-0.58	2%	0
031.01	Phosphorus, Photometric	38	0.2550	0.0060	0.2642	0.0216	0.0111	19	-0.43	2%	0
031.01	Phosphorus, Photometric	194	0.2550	0.0100	0.2642	0.0216	0.0111	19	-0.43	2%	0
031.01	Phosphorus, Photometric	354	0.2550	0.0100	0.2642	0.0216	0.0111	19	-0.43	2%	0
031.01	Phosphorus, Photometric	674	0.2550	0.0100	0.2642	0.0216	0.0111	19	-0.43	2%	0
031.01	Phosphorus, Photometric	670	0.2600	0.0000	0.2642	0.0216	0.0111	19	-0.20	1%	0
031.01	Phosphorus, Photometric	679	0.2750	0.0100	0.2642	0.0216	0.0111	19	0.50	2%	0
031.01	Phosphorus, Photometric	305	0.2800	0.0000	0.2642	0.0216	0.0111	19	0.73	3%	0
031.01	Phosphorus, Photometric	728	0.2800	0.0000	0.2642	0.0216	0.0111	19	0.73	3%	0
031.01	Phosphorus, Photometric	871	0.2800	0.0200	0.2642	0.0216	0.0111	19	0.73	3%	0
031.01	Phosphorus, Photometric	108	0.2850	0.0300	0.2642	0.0216	0.0111	19	0.96	4%	0
031.01	Phosphorus, Photometric	650	0.3000	0.0200	0.2642	0.0216	0.0111	19	1.66	7%	0
031.01	Phosphorus, Photometric	563	0.3729	0.0276	0.2642	0.0216	0.0111	19	5.03	21%	0
031.01	Phosphorus, Photometric	609	0.4450	0.0100	0.2642	0.0216	0.0111	19	8.36	34%	0
031.01	Phosphorus, Photometric	139	0.1555	0.2550	0.2642	0.0216	0.0111	19	-5.03	21%	1
031.02	Phosphorus, GQMP (AOAC 935.13-E)	505	0.2600	0.0200			0.0200	1			
031.03	Phosphorus, Autoanalyzer	307	0.2500	0.0200	0.2763	0.0442	0.0204	5	-0.60	5%	0
031.03	Phosphorus, Autoanalyzer	169	0.2550	0.0100	0.2763	0.0442	0.0204	5	-0.48	4%	0
031.03	Phosphorus, Autoanalyzer	36	0.2595	0.0003	0.2763	0.0442	0.0204	5	-0.38	3%	0
031.03	Phosphorus, Autoanalyzer	504	0.2622	0.0015	0.2763	0.0442	0.0204	5	-0.32	3%	0
031.03	Phosphorus, Autoanalyzer	720	0.3550	0.0700	0.2763	0.0442	0.0204	5	1.78	14%	0
031.06	Phosphorus, Hach Method	138	0.2600	0.0200			0.0200	1			
031.41	Phosphorus, ICP, Dry ash	242	0.2050	0.0100	0.2493	0.0091	0.0109	20	-4.85	9%	0
031.41	Phosphorus, ICP, Dry ash	265	0.2300	0.0200	0.2493	0.0091	0.0109	20	-2.11	4%	0

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031.41	Phosphorus, ICP, Dry ash	89	0.2300	0.0000	0.2493	0.0091	0.0109	20	-2.11	4%	0
031.41	Phosphorus, ICP, Dry ash	675	0.2350	0.0100	0.2493	0.0091	0.0109	20	-1.57	3%	0
031.41	Phosphorus, ICP, Dry ash	520	0.2400	0.0200	0.2493	0.0091	0.0109	20	-1.02	2%	0
031.41	Phosphorus, ICP, Dry ash	695	0.2400	0.0000	0.2493	0.0091	0.0109	20	-1.02	2%	0
031.41	Phosphorus, ICP, Dry ash	226	0.2450	0.0100	0.2493	0.0091	0.0109	20	-0.47	1%	0
031.41	Phosphorus, ICP, Dry ash	628	0.2450	0.0100	0.2493	0.0091	0.0109	20	-0.47	1%	0
031.41	Phosphorus, ICP, Dry ash	83	0.2500	0.0000	0.2493	0.0091	0.0109	20	0.07	0%	0
031.41	Phosphorus, ICP, Dry ash	298	0.2500	0.0200	0.2493	0.0091	0.0109	20	0.07	0%	0
031.41	Phosphorus, ICP, Dry ash	358	0.2500	0.0000	0.2493	0.0091	0.0109	20	0.07	0%	0
031.41	Phosphorus, ICP, Dry ash	407	0.2535	0.0010	0.2493	0.0091	0.0109	20	0.46	1%	0
031.41	Phosphorus, ICP, Dry ash	148	0.2540	0.0020	0.2493	0.0091	0.0109	20	0.51	1%	0
031.41	Phosphorus, ICP, Dry ash	100	0.2550	0.0100	0.2493	0.0091	0.0109	20	0.62	1%	0
031.41	Phosphorus, ICP, Dry ash	229	0.2550	0.0100	0.2493	0.0091	0.0109	20	0.62	1%	0
031.41	Phosphorus, ICP, Dry ash	413	0.2550	0.0100	0.2493	0.0091	0.0109	20	0.62	1%	0
031.41	Phosphorus, ICP, Dry ash	682	0.2550	0.0300	0.2493	0.0091	0.0109	20	0.62	1%	0
031.41	Phosphorus, ICP, Dry ash	171	0.2645	0.0050	0.2493	0.0091	0.0109	20	1.66	3%	0
031.41	Phosphorus, ICP, Dry ash	98	0.2700	0.0400	0.2493	0.0091	0.0109	20	2.26	4%	0
031.41	Phosphorus, ICP, Dry ash	405	0.2950	0.0100	0.2493	0.0091	0.0109	20	5.00	9%	0
031.42	Phosphorus, ICP, Open vessel	186	0.2245	0.0130	0.2597	0.0167	0.0052	17	-2.10	7%	0
031.42	Phosphorus, ICP, Open vessel	692	0.2300	0.0000	0.2597	0.0167	0.0052	17	-1.77	6%	0
031.42	Phosphorus, ICP, Open vessel	98	0.2400	0.0000	0.2597	0.0167	0.0052	17	-1.18	4%	0
031.42	Phosphorus, ICP, Open vessel	187	0.2488	0.0007	0.2597	0.0167	0.0052	17	-0.65	2%	0
031.42	Phosphorus, ICP, Open vessel	199	0.2500	0.0000	0.2597	0.0167	0.0052	17	-0.58	2%	0
031.42	Phosphorus, ICP, Open vessel	278	0.2550	0.0100	0.2597	0.0167	0.0052	17	-0.28	1%	0
031.42	Phosphorus, ICP, Open vessel	357	0.2550	0.0100	0.2597	0.0167	0.0052	17	-0.28	1%	0
031.42	Phosphorus, ICP, Open vessel	693	0.2565	0.0090	0.2597	0.0167	0.0052	17	-0.19	1%	0
031.42	Phosphorus, ICP, Open vessel	560	0.2585	0.0070	0.2597	0.0167	0.0052	17	-0.07	0%	0
031.42	Phosphorus, ICP, Open vessel	106	0.2600	0.0020	0.2597	0.0167	0.0052	17	0.02	0%	0
031.42	Phosphorus, ICP, Open vessel	309	0.2625	0.0170	0.2597	0.0167	0.0052	17	0.17	1%	0
031.42	Phosphorus, ICP, Open vessel	37	0.2655	0.0010	0.2597	0.0167	0.0052	17	0.35	1%	0
031.42	Phosphorus, ICP, Open vessel	613	0.2700	0.0000	0.2597	0.0167	0.0052	17	0.62	2%	0
031.42	Phosphorus, ICP, Open vessel	160	0.2790	0.0020	0.2597	0.0167	0.0052	17	1.15	4%	0
031.42	Phosphorus, ICP, Open vessel	504	0.2850	0.0060	0.2597	0.0167	0.0052	17	1.51	5%	0
031.42	Phosphorus, ICP, Open vessel	202	0.2900	0.0000	0.2597	0.0167	0.0052	17	1.81	6%	0
031.42	Phosphorus, ICP, Open vessel	864	0.3150	0.0100	0.2597	0.0167	0.0052	17	3.30	11%	0
031.42	Phosphorus, ICP, Open vessel	870	0.2407	0.0330	0.2597	0.0167	0.0052	17	-1.14	4%	1
031.43	Phosphorus, ICP, Microwave	616	0.0309	0.0103	0.2589	0.0064	0.0069	7	-35.58	44%	0
031.43	Phosphorus, ICP, Microwave	353	0.2500	0.0200	0.2589	0.0064	0.0069	7	-1.39	2%	0
031.43	Phosphorus, ICP, Microwave	294	0.2600	0.0000	0.2589	0.0064	0.0069	7	0.17	0%	0
031.43	Phosphorus, ICP, Microwave	297	0.2600	0.0000	0.2589	0.0064	0.0069	7	0.17	0%	0
031.43	Phosphorus, ICP, Microwave	38	0.2610	0.0060	0.2589	0.0064	0.0069	7	0.33	0%	0
031.43	Phosphorus, ICP, Microwave	588	0.2640	0.0020	0.2589	0.0064	0.0069	7	0.80	1%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
031.43	Phosphorus, ICP, Microwave	510	0.2650	0.0100	0.2589	0.0064	0.0069	7	0.95	1%	0
031.52	Phosphorus, ICP-MS, Open vessel	154	0.2372	0.0083			0.0083	1			
031.53	Phosphorus, ICP-MS, Microwave	572	0.2445	0.0150			0.0150	1			
031.99	Phosphorus, Miscellaneous	673	0.2600	0.0000	0.2783	0.0176	0.0167	3	-1.04	3%	0
031.99	Phosphorus, Miscellaneous	879	0.2800	0.0400	0.2783	0.0176	0.0167	3	0.09	0%	0
031.99	Phosphorus, Miscellaneous	889	0.2950	0.0100	0.2783	0.0176	0.0167	3	0.95	3%	0
032.02	Potassium, Flame Emission	139	2.3200	0.0500	2.4677	0.1664	0.1300	3	-0.89	3%	0
032.02	Potassium, Flame Emission	108	2.4350	0.1500	2.4677	0.1664	0.1300	3	-0.20	1%	0
032.02	Potassium, Flame Emission	504	2.6480	0.1900	2.4677	0.1664	0.1300	3	1.08	4%	0
032.31	Potassium, AAS, Dry ash	563	0.0002	0.0000	2.3110	0.2540	0.0369	11	-9.10	50%	0
032.31	Potassium, AAS, Dry ash	868	0.1280	0.0060	2.3110	0.2540	0.0369	11	-8.59	47%	0
032.31	Potassium, AAS, Dry ash	65	2.1239	0.0243	2.3110	0.2540	0.0369	11	-0.74	4%	0
032.31	Potassium, AAS, Dry ash	505	2.2200	0.0400	2.3110	0.2540	0.0369	11	-0.36	2%	0
032.31	Potassium, AAS, Dry ash	354	2.2800	0.0400	2.3110	0.2540	0.0369	11	-0.12	1%	0
032.31	Potassium, AAS, Dry ash	628	2.3300	0.0600	2.3110	0.2540	0.0369	11	0.07	0%	0
032.31	Potassium, AAS, Dry ash	650	2.4200	0.0400	2.3110	0.2540	0.0369	11	0.43	2%	0
032.31	Potassium, AAS, Dry ash	38	2.4650	0.0500	2.3110	0.2540	0.0369	11	0.61	3%	0
032.31	Potassium, AAS, Dry ash	720	2.4950	0.0300	2.3110	0.2540	0.0369	11	0.72	4%	0
032.31	Potassium, AAS, Dry ash	670	2.5710	0.0160	2.3110	0.2540	0.0369	11	1.02	6%	0
032.31	Potassium, AAS, Dry ash	307	2.5900	0.1000	2.3110	0.2540	0.0369	11	1.10	6%	0
032.31	Potassium, AAS, Dry ash	305	2.6600	0.2000	2.3110	0.2540	0.0369	11	1.37	8%	1
032.32	Potassium, AAS, Open vessel	609	2.4200	0.1200	2.4425	0.0318	0.0650	2	-0.71	0%	0
032.32	Potassium, AAS, Open vessel	169	2.4650	0.0100	2.4425	0.0318	0.0650	2	0.71	0%	0
032.41	Potassium, ICP, Dry ash	675	2.1250	0.0500	2.4711	0.1795	0.0595	16	-1.93	7%	0
032.41	Potassium, ICP, Dry ash	358	2.1900	0.0800	2.4711	0.1795	0.0595	16	-1.57	6%	0
032.41	Potassium, ICP, Dry ash	242	2.2800	0.0600	2.4711	0.1795	0.0595	16	-1.06	4%	0
032.41	Potassium, ICP, Dry ash	407	2.2900	0.0000	2.4711	0.1795	0.0595	16	-1.01	4%	0
032.41	Potassium, ICP, Dry ash	100	2.4250	0.0100	2.4711	0.1795	0.0595	16	-0.26	1%	0
032.41	Potassium, ICP, Dry ash	148	2.4395	0.0070	2.4711	0.1795	0.0595	16	-0.18	1%	0
032.41	Potassium, ICP, Dry ash	520	2.4500	0.1000	2.4711	0.1795	0.0595	16	-0.12	0%	0
032.41	Potassium, ICP, Dry ash	83	2.4600	0.0400	2.4711	0.1795	0.0595	16	-0.06	0%	0
032.41	Potassium, ICP, Dry ash	98	2.4700	0.1600	2.4711	0.1795	0.0595	16	-0.01	0%	0
032.41	Potassium, ICP, Dry ash	229	2.4900	0.0600	2.4711	0.1795	0.0595	16	0.11	0%	0
032.41	Potassium, ICP, Dry ash	265	2.5550	0.0500	2.4711	0.1795	0.0595	16	0.47	2%	0
032.41	Potassium, ICP, Dry ash	171	2.5575	0.0850	2.4711	0.1795	0.0595	16	0.48	2%	0
032.41	Potassium, ICP, Dry ash	413	2.5900	0.0600	2.4711	0.1795	0.0595	16	0.66	2%	0
032.41	Potassium, ICP, Dry ash	682	2.6700	0.0400	2.4711	0.1795	0.0595	16	1.11	4%	0
032.41	Potassium, ICP, Dry ash	226	2.7250	0.1300	2.4711	0.1795	0.0595	16	1.41	5%	0
032.41	Potassium, ICP, Dry ash	405	2.7900	0.0200	2.4711	0.1795	0.0595	16	1.78	6%	0
032.42	Potassium, ICP, Open vessel	692	2.2150	0.0100	2.4737	0.1431	0.0559	17	-1.81	5%	0
032.42	Potassium, ICP, Open vessel	98	2.2300	0.0800	2.4737	0.1431	0.0559	17	-1.70	5%	0
032.42	Potassium, ICP, Open vessel	187	2.2300	0.0000	2.4737	0.1431	0.0559	17	-1.70	5%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
032.42	Potassium, ICP, Open vessel	309	2.3775	0.0090	2.4737	0.1431	0.0559	17	-0.67	2%	0
032.42	Potassium, ICP, Open vessel	278	2.4250	0.0700	2.4737	0.1431	0.0559	17	-0.34	1%	0
032.42	Potassium, ICP, Open vessel	504	2.4325	0.0370	2.4737	0.1431	0.0559	17	-0.29	1%	0
032.42	Potassium, ICP, Open vessel	870	2.4430	0.2200	2.4737	0.1431	0.0559	17	-0.21	1%	0
032.42	Potassium, ICP, Open vessel	357	2.4550	0.0700	2.4737	0.1431	0.0559	17	-0.13	0%	0
032.42	Potassium, ICP, Open vessel	560	2.4610	0.2120	2.4737	0.1431	0.0559	17	-0.09	0%	0
032.42	Potassium, ICP, Open vessel	106	2.4850	0.0100	2.4737	0.1431	0.0559	17	0.08	0%	0
032.42	Potassium, ICP, Open vessel	37	2.5000	0.0200	2.4737	0.1431	0.0559	17	0.18	1%	0
032.42	Potassium, ICP, Open vessel	693	2.5200	0.0800	2.4737	0.1431	0.0559	17	0.32	1%	0
032.42	Potassium, ICP, Open vessel	160	2.5435	0.0130	2.4737	0.1431	0.0559	17	0.49	1%	0
032.42	Potassium, ICP, Open vessel	199	2.6500	0.0400	2.4737	0.1431	0.0559	17	1.23	4%	0
032.42	Potassium, ICP, Open vessel	613	2.6500	0.0600	2.4737	0.1431	0.0559	17	1.23	4%	0
032.42	Potassium, ICP, Open vessel	864	2.7800	0.0200	2.4737	0.1431	0.0559	17	2.14	6%	0
032.42	Potassium, ICP, Open vessel	202	2.8700	0.0000	2.4737	0.1431	0.0559	17	2.77	8%	0
032.43	Potassium, ICP, Microwave	616	0.2060	0.0060	2.4550	0.3445	0.0183	6	-6.53	46%	0
032.43	Potassium, ICP, Microwave	294	2.3150	0.0100	2.4550	0.3445	0.0183	6	-0.41	3%	0
032.43	Potassium, ICP, Microwave	297	2.4200	0.0400	2.4550	0.3445	0.0183	6	-0.10	1%	0
032.43	Potassium, ICP, Microwave	38	2.4350	0.0300	2.4550	0.3445	0.0183	6	-0.06	0%	0
032.43	Potassium, ICP, Microwave	510	2.7050	0.0100	2.4550	0.3445	0.0183	6	0.73	5%	0
032.43	Potassium, ICP, Microwave	588	3.0780	0.0140	2.4550	0.3445	0.0183	6	1.81	13%	0
032.43	Potassium, ICP, Microwave	353	2.2700	0.2400	2.4550	0.3445	0.0183	6	-0.54	4%	1
032.52	Potassium, ICP-MS, Open vessel	154	2.3593	0.1027			0.1027	1			
032.53	Potassium, ICP-MS, Microwave	572	2.2150	0.0500			0.0500	1			
032.99	Potassium, Miscellaneous	889	3.0400	0.0400			0.0400	1			
033.00	Salt, Sol Cl	871	0.3100	0.0200	0.3666	0.0591	0.0134	7	-0.96	8%	0
033.00	Salt, Sol Cl	309	0.3103	0.0026	0.3666	0.0591	0.0134	7	-0.95	8%	0
033.00	Salt, Sol Cl	504	0.3342	0.0122	0.3666	0.0591	0.0134	7	-0.55	4%	0
033.00	Salt, Sol Cl	849	0.3650	0.0100	0.3666	0.0591	0.0134	7	-0.03	0%	0
033.00	Salt, Sol Cl	693	0.3865	0.0090	0.3666	0.0591	0.0134	7	0.34	3%	0
033.00	Salt, Sol Cl	588	0.4150	0.0100	0.3666	0.0591	0.0134	7	0.82	7%	0
033.00	Salt, Sol Cl	353	0.4450	0.0300	0.3666	0.0591	0.0134	7	1.33	11%	0
033.00	Salt, Sol Cl	539	0.4700	0.1420	0.3666	0.0591	0.0134	7	1.75	14%	1
033.01	Salt, Poten Cl	194	0.3850	0.0100	0.3972	0.0124	0.0048	18	-0.98	2%	0
033.01	Salt, Poten Cl	199	0.3850	0.0100	0.3972	0.0124	0.0048	18	-0.98	2%	0
033.01	Salt, Poten Cl	226	0.3850	0.0100	0.3972	0.0124	0.0048	18	-0.98	2%	0
033.01	Salt, Poten Cl	229	0.3850	0.0100	0.3972	0.0124	0.0048	18	-0.98	2%	0
033.01	Salt, Poten Cl	354	0.3850	0.0100	0.3972	0.0124	0.0048	18	-0.98	2%	0
033.01	Salt, Poten Cl	83	0.3900	0.0000	0.3972	0.0124	0.0048	18	-0.58	1%	0
033.01	Salt, Poten Cl	413	0.3900	0.0000	0.3972	0.0124	0.0048	18	-0.58	1%	0
033.01	Salt, Poten Cl	559	0.3900	0.0000	0.3972	0.0124	0.0048	18	-0.58	1%	0
033.01	Salt, Poten Cl	407	0.3915	0.0010	0.3972	0.0124	0.0048	18	-0.46	1%	0
033.01	Salt, Poten Cl	205	0.3990	0.0040	0.3972	0.0124	0.0048	18	0.15	0%	0

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033.01	Salt, Poten Cl	510	0.4000	0.0000	0.3972	0.0124	0.0048	18	0.23	0%	0
033.01	Salt, Poten Cl	148	0.4030	0.0020	0.3972	0.0124	0.0048	18	0.47	1%	0
033.01	Salt, Poten Cl	307	0.4050	0.0100	0.3972	0.0124	0.0048	18	0.63	1%	0
033.01	Salt, Poten Cl	100	0.4100	0.0000	0.3972	0.0124	0.0048	18	1.03	2%	0
033.01	Salt, Poten Cl	242	0.4100	0.0000	0.3972	0.0124	0.0048	18	1.03	2%	0
033.01	Salt, Poten Cl	278	0.4100	0.0000	0.3972	0.0124	0.0048	18	1.03	2%	0
033.01	Salt, Poten Cl	650	0.4100	0.0000	0.3972	0.0124	0.0048	18	1.03	2%	0
033.01	Salt, Poten Cl	98	0.4200	0.0200	0.3972	0.0124	0.0048	18	1.84	3%	0
033.01	Salt, Poten Cl	884	0.3600	0.0400	0.3972	0.0124	0.0048	18	-2.99	5%	1
033.01	Salt, Poten Cl	202	0.1100	0.0000	0.3972	0.0124	0.0048	18	-23.12	36%	2
033.03	Salt, Quantab	144	0.4900	0.0200	0.4983	0.0144	0.0300	3	-0.58	1%	0
033.03	Salt, Quantab	265	0.4900	0.0000	0.4983	0.0144	0.0300	3	-0.58	1%	0
033.03	Salt, Quantab	879	0.5150	0.0700	0.4983	0.0144	0.0300	3	1.15	2%	0
033.04	Salt, Hach Method	682	0.4000	0.0000			0.0000	1			
033.05	Salt, Ion Sel Electrode	868	0.1490	0.0040	0.2870	0.1952	0.0070	2	-0.71	24%	0
033.05	Salt, Ion Sel Electrode	171	0.4250	0.0100	0.2870	0.1952	0.0070	2	0.71	24%	0
033.99	Salt, Miscellaneous	358	0.1000	0.0000	0.3225	0.1590	0.0050	4	-1.40	34%	0
033.99	Salt, Miscellaneous	728	0.3300	0.0200	0.3225	0.1590	0.0050	4	0.05	1%	0
033.99	Salt, Miscellaneous	673	0.3900	0.0000	0.3225	0.1590	0.0050	4	0.42	10%	0
033.99	Salt, Miscellaneous	297	0.4700	0.0000	0.3225	0.1590	0.0050	4	0.93	23%	0
034.01	Selenium, Fluor	38	0.5085	0.0010			0.0010	1			
034.04	Selenium, AA, Hydride	169	0.4130	0.0020			0.0020	1			
034.05	#N/A	560	0.5815	0.0070			0.0070	1			
034.41	Selenium, ICP, Dry ash	682	2.5400	0.0000			0.0000	1			
034.42	Selenium, ICP, Open vessel	693	0.0000	0.0000	0.3000	0.4243	0.2000	2	-0.71	50%	0
034.42	Selenium, ICP, Open vessel	504	0.6000	0.4000	0.3000	0.4243	0.2000	2	0.71	50%	0
034.52	Selenium, ICP-MS, Open vessel	154	0.6583	0.0351			0.0351	1			
035.01	Sodium, Ion Sel Electrode	138	0.0550	0.0100	0.0569	0.0026	0.0059	2	-0.71	2%	0
035.01	Sodium, Ion Sel Electrode	868	0.0587	0.0018	0.0569	0.0026	0.0059	2	0.71	2%	0
035.05	Sodium, Flame Emission	504	0.0334	0.0012	0.1023	0.0870	0.0081	3	-0.79	34%	0
035.05	Sodium, Flame Emission	139	0.0735	0.0030	0.1023	0.0870	0.0081	3	-0.33	14%	0
035.05	Sodium, Flame Emission	108	0.2000	0.0200	0.1023	0.0870	0.0081	3	1.12	48%	0
035.31	Sodium, AAS, Dry ash	305	0.0250	0.0100	0.0543	0.0171	0.0065	10	-1.71	27%	0
035.31	Sodium, AAS, Dry ash	650	0.0390	0.0020	0.0543	0.0171	0.0065	10	-0.90	14%	0
035.31	Sodium, AAS, Dry ash	38	0.0445	0.0030	0.0543	0.0171	0.0065	10	-0.57	9%	0
035.31	Sodium, AAS, Dry ash	720	0.0450	0.0100	0.0543	0.0171	0.0065	10	-0.55	9%	0
035.31	Sodium, AAS, Dry ash	307	0.0550	0.0100	0.0543	0.0171	0.0065	10	0.04	1%	0
035.31	Sodium, AAS, Dry ash	354	0.0550	0.0100	0.0543	0.0171	0.0065	10	0.04	1%	0
035.31	Sodium, AAS, Dry ash	868	0.0570	0.0040	0.0543	0.0171	0.0065	10	0.16	2%	0
035.31	Sodium, AAS, Dry ash	628	0.0600	0.0000	0.0543	0.0171	0.0065	10	0.33	5%	0
035.31	Sodium, AAS, Dry ash	65	0.0889	0.0097	0.0543	0.0171	0.0065	10	2.02	32%	0
035.31	Sodium, AAS, Dry ash	670	0.0950	0.0060	0.0543	0.0171	0.0065	10	2.38	37%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
035.32	Sodium, AAS, Open vessel	169	0.0600	0.0000	0.0662	0.0078	0.0047	3	-0.79	5%	0
035.32	Sodium, AAS, Open vessel	722	0.0637	0.0041	0.0662	0.0078	0.0047	3	-0.33	2%	0
035.32	Sodium, AAS, Open vessel	609	0.0750	0.0100	0.0662	0.0078	0.0047	3	1.12	7%	0
035.41	Sodium, ICP, Dry ash	407	0.0380	0.0000	0.0542	0.0126	0.0034	18	-1.28	15%	0
035.41	Sodium, ICP, Dry ash	148	0.0389	0.0012	0.0542	0.0126	0.0034	18	-1.21	14%	0
035.41	Sodium, ICP, Dry ash	100	0.0400	0.0000	0.0542	0.0126	0.0034	18	-1.12	13%	0
035.41	Sodium, ICP, Dry ash	358	0.0400	0.0000	0.0542	0.0126	0.0034	18	-1.12	13%	0
035.41	Sodium, ICP, Dry ash	520	0.0440	0.0040	0.0542	0.0126	0.0034	18	-0.81	9%	0
035.41	Sodium, ICP, Dry ash	98	0.0480	0.0156	0.0542	0.0126	0.0034	18	-0.49	6%	0
035.41	Sodium, ICP, Dry ash	242	0.0500	0.0000	0.0542	0.0126	0.0034	18	-0.33	4%	0
035.41	Sodium, ICP, Dry ash	298	0.0500	0.0000	0.0542	0.0126	0.0034	18	-0.33	4%	0
035.41	Sodium, ICP, Dry ash	229	0.0550	0.0100	0.0542	0.0126	0.0034	18	0.07	1%	0
035.41	Sodium, ICP, Dry ash	682	0.0550	0.0100	0.0542	0.0126	0.0034	18	0.07	1%	0
035.41	Sodium, ICP, Dry ash	226	0.0590	0.0020	0.0542	0.0126	0.0034	18	0.38	4%	0
035.41	Sodium, ICP, Dry ash	89	0.0600	0.0000	0.0542	0.0126	0.0034	18	0.46	5%	0
035.41	Sodium, ICP, Dry ash	413	0.0610	0.0040	0.0542	0.0126	0.0034	18	0.54	6%	0
035.41	Sodium, ICP, Dry ash	171	0.0625	0.0030	0.0542	0.0126	0.0034	18	0.66	8%	0
035.41	Sodium, ICP, Dry ash	83	0.0650	0.0100	0.0542	0.0126	0.0034	18	0.86	10%	0
035.41	Sodium, ICP, Dry ash	405	0.0655	0.0010	0.0542	0.0126	0.0034	18	0.90	10%	0
035.41	Sodium, ICP, Dry ash	695	0.0700	0.0000	0.0542	0.0126	0.0034	18	1.26	15%	0
035.41	Sodium, ICP, Dry ash	675	0.0900	0.0000	0.0542	0.0126	0.0034	18	2.84	33%	0
035.41	Sodium, ICP, Dry ash	265	0.0500	0.0200	0.0542	0.0126	0.0034	18	-0.33	4%	1
035.42	Sodium, ICP, Open vessel	160	0.0304	0.0008	0.0395	0.0077	0.0009	13	-1.18	12%	0
035.42	Sodium, ICP, Open vessel	560	0.0310	0.0000	0.0395	0.0077	0.0009	13	-1.10	11%	0
035.42	Sodium, ICP, Open vessel	199	0.0325	0.0010	0.0395	0.0077	0.0009	13	-0.91	9%	0
035.42	Sodium, ICP, Open vessel	693	0.0340	0.0000	0.0395	0.0077	0.0009	13	-0.72	7%	0
035.42	Sodium, ICP, Open vessel	504	0.0360	0.0020	0.0395	0.0077	0.0009	13	-0.46	4%	0
035.42	Sodium, ICP, Open vessel	278	0.0400	0.0000	0.0395	0.0077	0.0009	13	0.06	1%	0
035.42	Sodium, ICP, Open vessel	613	0.0400	0.0000	0.0395	0.0077	0.0009	13	0.06	1%	0
035.42	Sodium, ICP, Open vessel	692	0.0400	0.0000	0.0395	0.0077	0.0009	13	0.06	1%	0
035.42	Sodium, ICP, Open vessel	864	0.0400	0.0000	0.0395	0.0077	0.0009	13	0.06	1%	0
035.42	Sodium, ICP, Open vessel	202	0.0430	0.0000	0.0395	0.0077	0.0009	13	0.45	4%	0
035.42	Sodium, ICP, Open vessel	186	0.0450	0.0040	0.0395	0.0077	0.0009	13	0.70	7%	0
035.42	Sodium, ICP, Open vessel	309	0.0985	0.0030	0.0395	0.0077	0.0009	13	7.61	75%	0
035.42	Sodium, ICP, Open vessel	187	0.1188	0.0003	0.0395	0.0077	0.0009	13	10.22	100%	0
035.42	Sodium, ICP, Open vessel	870	0.0328	0.0084	0.0395	0.0077	0.0009	13	-0.87	9%	1
035.43	Sodium, ICP, Microwave	616	0.0175	0.0006	0.0338	0.0071	0.0004	6	-2.31	24%	0
035.43	Sodium, ICP, Microwave	38	0.0305	0.0010	0.0338	0.0071	0.0004	6	-0.46	5%	0
035.43	Sodium, ICP, Microwave	510	0.0330	0.0000	0.0338	0.0071	0.0004	6	-0.11	1%	0
035.43	Sodium, ICP, Microwave	588	0.0355	0.0010	0.0338	0.0071	0.0004	6	0.24	3%	0
035.43	Sodium, ICP, Microwave	294	0.0400	0.0000	0.0338	0.0071	0.0004	6	0.88	9%	0
035.43	Sodium, ICP, Microwave	297	0.0400	0.0000	0.0338	0.0071	0.0004	6	0.88	9%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
035.43	Sodium, ICP, Microwave	353	0.0450	0.0100	0.0338	0.0071	0.0004	6	1.59	17%	1
035.52	Sodium, ICP-MS, Open vessel	154	0.0320	0.0010			0.0010	1			
035.53	Sodium, ICP-MS, Microwave	572	0.0310	0.0000			0.0000	1			
036.00	Sulfur, Gravimetric	307	0.2800	0.0600			0.0600	1			
036.04	Sulfur, LECO	226	0.2650	0.0100	0.2750	0.0141	0.0100	2	-0.71	2%	0
036.04	Sulfur, LECO	98	0.2850	0.0100	0.2750	0.0141	0.0100	2	0.71	2%	0
036.42	Sulfur, ICP, Open vessel	309	0.2235	0.0030	0.2710	0.0106	0.0051	15	-4.47	9%	0
036.42	Sulfur, ICP, Open vessel	171	0.2560	0.0060	0.2710	0.0106	0.0051	15	-1.41	3%	0
036.42	Sulfur, ICP, Open vessel	98	0.2591	0.0122	0.2710	0.0106	0.0051	15	-1.12	2%	0
036.42	Sulfur, ICP, Open vessel	187	0.2649	0.0021	0.2710	0.0106	0.0051	15	-0.57	1%	0
036.42	Sulfur, ICP, Open vessel	265	0.2650	0.0100	0.2710	0.0106	0.0051	15	-0.56	1%	0
036.42	Sulfur, ICP, Open vessel	870	0.2674	0.0155	0.2710	0.0106	0.0051	15	-0.34	1%	0
036.42	Sulfur, ICP, Open vessel	693	0.2700	0.0000	0.2710	0.0106	0.0051	15	-0.09	0%	0
036.42	Sulfur, ICP, Open vessel	560	0.2710	0.0040	0.2710	0.0106	0.0051	15	0.00	0%	0
036.42	Sulfur, ICP, Open vessel	186	0.2725	0.0150	0.2710	0.0106	0.0051	15	0.15	0%	0
036.42	Sulfur, ICP, Open vessel	160	0.2755	0.0010	0.2710	0.0106	0.0051	15	0.43	1%	0
036.42	Sulfur, ICP, Open vessel	708	0.2775	0.0050	0.2710	0.0106	0.0051	15	0.62	1%	0
036.42	Sulfur, ICP, Open vessel	278	0.2800	0.0000	0.2710	0.0106	0.0051	15	0.85	2%	0
036.42	Sulfur, ICP, Open vessel	357	0.2800	0.0000	0.2710	0.0106	0.0051	15	0.85	2%	0
036.42	Sulfur, ICP, Open vessel	106	0.2830	0.0020	0.2710	0.0106	0.0051	15	1.13	2%	0
036.42	Sulfur, ICP, Open vessel	202	0.3100	0.0000	0.2710	0.0106	0.0051	15	3.68	7%	0
036.43	Sulfur, ICP, Microwave	616	0.1750	0.0160	0.2641	0.0094	0.0069	7	-9.53	17%	0
036.43	Sulfur, ICP, Microwave	353	0.2550	0.0100	0.2641	0.0094	0.0069	7	-0.98	2%	0
036.43	Sulfur, ICP, Microwave	510	0.2600	0.0000	0.2641	0.0094	0.0069	7	-0.44	1%	0
036.43	Sulfur, ICP, Microwave	294	0.2650	0.0100	0.2641	0.0094	0.0069	7	0.09	0%	0
036.43	Sulfur, ICP, Microwave	38	0.2690	0.0020	0.2641	0.0094	0.0069	7	0.52	1%	0
036.43	Sulfur, ICP, Microwave	297	0.2700	0.0000	0.2641	0.0094	0.0069	7	0.63	1%	0
036.43	Sulfur, ICP, Microwave	169	0.3450	0.0100	0.2641	0.0094	0.0069	7	8.64	15%	0
036.52	Sulfur, ICP-MS, Open vessel	154	0.4145	0.0129			0.0129	1			
036.99	Sulfur, Miscellaneous	889	0.2950	0.0100			0.0100	1			
037.31	Zinc, AAS, Dry ash	868	28.3500	0.1000	30.4978	1.9600	1.8473	9	-1.10	4%	0
037.31	Zinc, AAS, Dry ash	307	28.9000	3.6000	30.4978	1.9600	1.8473	9	-0.82	3%	0
037.31	Zinc, AAS, Dry ash	354	29.3500	0.3600	30.4978	1.9600	1.8473	9	-0.59	2%	0
037.31	Zinc, AAS, Dry ash	720	29.5270	0.9660	30.4978	1.9600	1.8473	9	-0.50	2%	0
037.31	Zinc, AAS, Dry ash	305	30.1100	1.3000	30.4978	1.9600	1.8473	9	-0.20	1%	0
037.31	Zinc, AAS, Dry ash	563	30.2350	0.0700	30.4978	1.9600	1.8473	9	-0.13	0%	0
037.31	Zinc, AAS, Dry ash	866	32.4050	2.2300	30.4978	1.9600	1.8473	9	0.97	3%	0
037.31	Zinc, AAS, Dry ash	505	43.0000	6.0000	30.4978	1.9600	1.8473	9	6.38	20%	0
037.31	Zinc, AAS, Dry ash	628	64.0000	2.0000	30.4978	1.9600	1.8473	9	17.09	55%	0
037.32	Zinc, AAS, Open vessel	504	31.0100	5.9000	31.5318	0.8393	3.0478	3	-0.62	1%	0
037.32	Zinc, AAS, Open vessel	722	31.0854	0.2435	31.5318	0.8393	3.0478	3	-0.53	1%	0
037.32	Zinc, AAS, Open vessel	38	32.5000	3.0000	31.5318	0.8393	3.0478	3	1.15	2%	0

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			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
037.41	Zinc, ICP, Dry ash	242	21.5000	1.0000	29.1118	2.5236	2.2064	14	-3.02	13%	0
037.41	Zinc, ICP, Dry ash	100	23.5000	1.0000	29.1118	2.5236	2.2064	14	-2.22	10%	0
037.41	Zinc, ICP, Dry ash	358	26.9850	0.5300	29.1118	2.5236	2.2064	14	-0.84	4%	0
037.41	Zinc, ICP, Dry ash	171	27.2000	2.0000	29.1118	2.5236	2.2064	14	-0.76	3%	0
037.41	Zinc, ICP, Dry ash	98	28.1000	4.6000	29.1118	2.5236	2.2064	14	-0.40	2%	0
037.41	Zinc, ICP, Dry ash	148	28.5200	0.2200	29.1118	2.5236	2.2064	14	-0.23	1%	0
037.41	Zinc, ICP, Dry ash	229	29.0000	2.0000	29.1118	2.5236	2.2064	14	-0.04	0%	0
037.41	Zinc, ICP, Dry ash	83	29.5000	1.0000	29.1118	2.5236	2.2064	14	0.15	1%	0
037.41	Zinc, ICP, Dry ash	226	30.0000	2.0000	29.1118	2.5236	2.2064	14	0.35	2%	0
037.41	Zinc, ICP, Dry ash	675	30.2500	3.4600	29.1118	2.5236	2.2064	14	0.45	2%	0
037.41	Zinc, ICP, Dry ash	407	30.3200	0.0800	29.1118	2.5236	2.2064	14	0.48	2%	0
037.41	Zinc, ICP, Dry ash	520	31.5000	5.0000	29.1118	2.5236	2.2064	14	0.95	4%	0
037.41	Zinc, ICP, Dry ash	265	32.0000	6.0000	29.1118	2.5236	2.2064	14	1.14	5%	0
037.41	Zinc, ICP, Dry ash	405	35.0000	2.0000	29.1118	2.5236	2.2064	14	2.33	10%	0
037.41	Zinc, ICP, Dry ash	682	107.7300	25.5400	29.1118	2.5236	2.2064	14	31.15	135%	2
037.42	Zinc, ICP, Open vessel	613	15.5000	3.0000	31.9586	6.4808	5.1106	16	-2.54	26%	0
037.42	Zinc, ICP, Open vessel	870	23.8450	3.6700	31.9586	6.4808	5.1106	16	-1.25	13%	0
037.42	Zinc, ICP, Open vessel	187	26.8000	0.1400	31.9586	6.4808	5.1106	16	-0.80	8%	0
037.42	Zinc, ICP, Open vessel	106	27.7500	1.1000	31.9586	6.4808	5.1106	16	-0.65	7%	0
037.42	Zinc, ICP, Open vessel	560	28.3000	1.0000	31.9586	6.4808	5.1106	16	-0.56	6%	0
037.42	Zinc, ICP, Open vessel	199	28.5000	1.0000	31.9586	6.4808	5.1106	16	-0.53	5%	0
037.42	Zinc, ICP, Open vessel	413	29.3000	5.6000	31.9586	6.4808	5.1106	16	-0.41	4%	0
037.42	Zinc, ICP, Open vessel	186	29.5000	7.0000	31.9586	6.4808	5.1106	16	-0.38	4%	0
037.42	Zinc, ICP, Open vessel	864	32.5600	1.1800	31.9586	6.4808	5.1106	16	0.09	1%	0
037.42	Zinc, ICP, Open vessel	693	34.4400	8.5600	31.9586	6.4808	5.1106	16	0.38	4%	0
037.42	Zinc, ICP, Open vessel	202	34.7000	0.2000	31.9586	6.4808	5.1106	16	0.42	4%	0
037.42	Zinc, ICP, Open vessel	357	35.0000	4.0000	31.9586	6.4808	5.1106	16	0.47	5%	0
037.42	Zinc, ICP, Open vessel	98	44.5200	20.2600	31.9586	6.4808	5.1106	16	1.94	20%	0
037.42	Zinc, ICP, Open vessel	160	69.3350	1.3300	31.9586	6.4808	5.1106	16	5.77	58%	0
037.42	Zinc, ICP, Open vessel	692	87.4500	3.3000	31.9586	6.4808	5.1106	16	8.56	87%	0
037.42	Zinc, ICP, Open vessel	309	107.3850	20.4300	31.9586	6.4808	5.1106	16	11.64	118%	0
037.43	Zinc, ICP, Microwave	294	26.5000	0.0000	29.6623	3.2935	3.8386	7	-0.96	5%	0
037.43	Zinc, ICP, Microwave	510	26.5000	1.0000	29.6623	3.2935	3.8386	7	-0.96	5%	0
037.43	Zinc, ICP, Microwave	353	28.6250	3.2700	29.6623	3.2935	3.8386	7	-0.31	2%	0
037.43	Zinc, ICP, Microwave	297	29.0000	6.0000	29.6623	3.2935	3.8386	7	-0.20	1%	0
037.43	Zinc, ICP, Microwave	616	30.9000	7.6000	29.6623	3.2935	3.8386	7	0.38	2%	0
037.43	Zinc, ICP, Microwave	169	31.5500	0.1000	29.6623	3.2935	3.8386	7	0.57	3%	0
037.43	Zinc, ICP, Microwave	38	34.9500	8.9000	29.6623	3.2935	3.8386	7	1.61	9%	0
037.52	Zinc, ICP-MS, Open vessel	154	28.5525	3.3610			3.3610	1			
037.53	Zinc, ICP-MS, Microwave	572	27.4000	4.0000			4.0000	1			
037.99	Zinc, Miscellaneous	889	33.8200	0.5000			0.5000	1			
038.42	Molybdenum, ICP, Open vessel	560	1.9900	0.2400	2.8063	0.6106	0.3475	4	-1.34	15%	0

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			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
038.42	Molybdenum, ICP, Open vessel	106	2.7600	0.1000	2.8063	0.6106	0.3475	4	-0.08	1%	0
038.42	Molybdenum, ICP, Open vessel	693	3.0400	0.3400	2.8063	0.6106	0.3475	4	0.38	4%	0
038.42	Molybdenum, ICP, Open vessel	278	3.4350	0.7100	2.8063	0.6106	0.3475	4	1.03	11%	0
038.43	Molybdenum, ICP, Microwave	169	1.8050	0.0100	2.4313	0.5623	0.0125	4	-1.11	13%	0
038.43	Molybdenum, ICP, Microwave	353	2.1200	0.0400	2.4313	0.5623	0.0125	4	-0.55	6%	0
038.43	Molybdenum, ICP, Microwave	510	2.8000	0.0000	2.4313	0.5623	0.0125	4	0.66	8%	0
038.43	Molybdenum, ICP, Microwave	38	3.0000	0.0000	2.4313	0.5623	0.0125	4	1.01	12%	0
038.52	Molybdenum, ICP-MS, Open vessel	154	3.0845	0.2130			0.2130	1			
039.42	Nickel, ICP, Open vessel	560	5.0550	1.5700			1.5700	1			
039.52	Nickel, ICP-MS, Open vessel	154	10.8385	0.1890			0.1890	1			
040.42	Barium, ICP, Open vessel	560	68.5000	0.2000			0.2000	1			
073.04	Oxytetracycline, LC	9	17529.6950	4182.4700			4182.4700	1			
100.99	Carotene, Miscellaneous	171	1.3500	0.3000			0.3000	1			
106.02	Vitamin A, HPLC	199	0.0000	0.0000	0.2138	0.3023	0.0025	2	-0.71	50%	0
106.02	Vitamin A, HPLC	670	0.4275	0.0050	0.2138	0.3023	0.0025	2	0.71	50%	0
109.02	Vitamin E, HPLC	560	8.5950	0.0500	15.3225	9.5141	0.6750	2	-0.71	22%	0
109.02	Vitamin E, HPLC	199	22.0500	1.3000	15.3225	9.5141	0.6750	2	0.71	22%	0
110.00	Xanthophyll,	171	14.4500	2.3000			2.3000	1			
120.00	Alanine, Post-col Ninhydrin Der	644	0.8300	0.0120	0.8557	0.0153	0.0109	8	-1.68	1%	0
120.00	Alanine, Post-col Ninhydrin Der	684	0.8360	0.0400	0.8557	0.0153	0.0109	8	-1.29	1%	0
120.00	Alanine, Post-col Ninhydrin Der	675	0.8500	0.0000	0.8557	0.0153	0.0109	8	-0.37	0%	0
120.00	Alanine, Post-col Ninhydrin Der	859	0.8540	0.0100	0.8557	0.0153	0.0109	8	-0.11	0%	0
120.00	Alanine, Post-col Ninhydrin Der	350	0.8595	0.0010	0.8557	0.0153	0.0109	8	0.25	0%	0
120.00	Alanine, Post-col Ninhydrin Der	872	0.8640	0.0080	0.8557	0.0153	0.0109	8	0.55	0%	0
120.00	Alanine, Post-col Ninhydrin Der	571	0.8665	0.0130	0.8557	0.0153	0.0109	8	0.71	1%	0
120.00	Alanine, Post-col Ninhydrin Der	878	0.8925	0.0030	0.8557	0.0153	0.0109	8	2.41	2%	0
120.00	Alanine, Post-col Ninhydrin Der	504	0.9350	0.0700	0.8557	0.0153	0.0109	8	5.19	5%	1
120.02	Alanine, Post-col OPA Der	98	0.8842	0.0092			0.0092	1			
120.05	Alanine, Pre-col AQC Der	626	0.7800	0.0040	0.8128	0.0463	0.0035	2	-0.71	2%	0
120.05	Alanine, Pre-col AQC Der	38	0.8455	0.0030	0.8128	0.0463	0.0035	2	0.71	2%	0
120.99	Alanine, Miscellaneous	871	0.8100	0.0600			0.0600	1			
121.00	Arginine, Post-col Ninhydrin Der	684	0.6990	0.0080	0.7398	0.0208	0.0079	8	-1.97	3%	0
121.00	Arginine, Post-col Ninhydrin Der	350	0.7225	0.0010	0.7398	0.0208	0.0079	8	-0.83	1%	0
121.00	Arginine, Post-col Ninhydrin Der	859	0.7295	0.0130	0.7398	0.0208	0.0079	8	-0.50	1%	0
121.00	Arginine, Post-col Ninhydrin Der	675	0.7350	0.0100	0.7398	0.0208	0.0079	8	-0.23	0%	0
121.00	Arginine, Post-col Ninhydrin Der	878	0.7495	0.0030	0.7398	0.0208	0.0079	8	0.47	1%	0
121.00	Arginine, Post-col Ninhydrin Der	571	0.7545	0.0110	0.7398	0.0208	0.0079	8	0.71	1%	0
121.00	Arginine, Post-col Ninhydrin Der	872	0.7585	0.0050	0.7398	0.0208	0.0079	8	0.90	1%	0
121.00	Arginine, Post-col Ninhydrin Der	644	0.7590	0.0120	0.7398	0.0208	0.0079	8	0.92	1%	0
121.00	Arginine, Post-col Ninhydrin Der	504	0.7800	0.0600	0.7398	0.0208	0.0079	8	1.94	3%	1
121.02	Arginine, Post-col OPA Der	98	0.7046	0.0074			0.0074	1			
121.05	Arginine, Pre-col AQC Der	626	0.6595	0.0070	0.7140	0.0771	0.0060	2	-0.71	4%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
121.05	Arginine, Pre-col AQC Der	38	0.7685	0.0050	0.7140	0.0771	0.0060	2	0.71	4%	0
121.99	Arginine, Miscellaneous	871	0.7050	0.0500			0.0500	1			
122.00	Aspartic, Post-col Ninhydrin Der	859	1.8655	0.0270	2.0549	0.0497	0.0183	8	-3.81	5%	0
122.00	Aspartic, Post-col Ninhydrin Der	684	1.9850	0.0320	2.0549	0.0497	0.0183	8	-1.41	2%	0
122.00	Aspartic, Post-col Ninhydrin Der	350	2.0380	0.0000	2.0549	0.0497	0.0183	8	-0.34	0%	0
122.00	Aspartic, Post-col Ninhydrin Der	571	2.0500	0.0000	2.0549	0.0497	0.0183	8	-0.10	0%	0
122.00	Aspartic, Post-col Ninhydrin Der	872	2.0730	0.0200	2.0549	0.0497	0.0183	8	0.37	0%	0
122.00	Aspartic, Post-col Ninhydrin Der	675	2.0850	0.0100	2.0549	0.0497	0.0183	8	0.61	1%	0
122.00	Aspartic, Post-col Ninhydrin Der	878	2.0985	0.0250	2.0549	0.0497	0.0183	8	0.88	1%	0
122.00	Aspartic, Post-col Ninhydrin Der	644	2.1060	0.0320	2.0549	0.0497	0.0183	8	1.03	1%	0
122.00	Aspartic, Post-col Ninhydrin Der	504	2.1900	0.2000	2.0549	0.0497	0.0183	8	2.72	3%	1
122.02	Aspartic, Post-col OPA Der	98	2.0522	0.0195			0.0195	1			
122.05	Aspartic, Pre-col AQC Der	38	1.9855	0.0110	1.9920	0.0092	0.0360	2	-0.71	0%	0
122.05	Aspartic, Pre-col AQC Der	626	1.9985	0.0610	1.9920	0.0092	0.0360	2	0.71	0%	0
122.99	Aspartic, Miscellaneous	871	1.8000	0.0600			0.0600	1			
124.00	Cysteine/Cystine, PAO Post-col Ninhy	675	0.1400	0.0000	0.1800	0.0123	0.0024	9	-3.24	11%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhy	644	0.1655	0.0010	0.1800	0.0123	0.0024	9	-1.17	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhy	350	0.1750	0.0020	0.1800	0.0123	0.0024	9	-0.40	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhy	859	0.1750	0.0020	0.1800	0.0123	0.0024	9	-0.40	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhy	872	0.1810	0.0040	0.1800	0.0123	0.0024	9	0.08	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhy	571	0.1820	0.0000	0.1800	0.0123	0.0024	9	0.16	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhy	684	0.1880	0.0040	0.1800	0.0123	0.0024	9	0.65	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhy	878	0.1915	0.0030	0.1800	0.0123	0.0024	9	0.93	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhy	171	0.2200	0.0060	0.1800	0.0123	0.0024	9	3.24	11%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhy	504	0.2050	0.0300	0.1800	0.0123	0.0024	9	2.02	7%	1
124.02	Cysteine/Cystine, PAO Post-col OPA	98	0.2116	0.0046			0.0046	1			
124.05	Cysteine/Cystine, PAO Pre-col AQC D	38	0.1550	0.0060			0.0060	1			
124.99	Cysteine/Cystine, Miscellaneous	871	0.1600	0.0000			0.0000	1			
125.00	Glutamic, Post-col Ninhydrin Der	859	1.5550	0.0140	1.6043	0.0242	0.0133	8	-2.03	2%	0
125.00	Glutamic, Post-col Ninhydrin Der	684	1.5845	0.0130	1.6043	0.0242	0.0133	8	-0.81	1%	0
125.00	Glutamic, Post-col Ninhydrin Der	571	1.5950	0.0100	1.6043	0.0242	0.0133	8	-0.38	0%	0
125.00	Glutamic, Post-col Ninhydrin Der	644	1.6025	0.0290	1.6043	0.0242	0.0133	8	-0.07	0%	0
125.00	Glutamic, Post-col Ninhydrin Der	675	1.6050	0.0100	1.6043	0.0242	0.0133	8	0.03	0%	0
125.00	Glutamic, Post-col Ninhydrin Der	872	1.6075	0.0090	1.6043	0.0242	0.0133	8	0.13	0%	0
125.00	Glutamic, Post-col Ninhydrin Der	350	1.6320	0.0120	1.6043	0.0242	0.0133	8	1.14	1%	0
125.00	Glutamic, Post-col Ninhydrin Der	878	1.6605	0.0090	1.6043	0.0242	0.0133	8	2.32	2%	0
125.00	Glutamic, Post-col Ninhydrin Der	504	1.6450	0.1100	1.6043	0.0242	0.0133	8	1.68	1%	1
125.02	Glutamic, Post-col OPA Der	98	1.5847	0.0147			0.0147	1			
125.05	Glutamic, Pre-col AQC Der	38	1.5770	0.0080	1.5868	0.0138	0.0175	2	-0.71	0%	0
125.05	Glutamic, Pre-col AQC Der	626	1.5965	0.0270	1.5868	0.0138	0.0175	2	0.71	0%	0
125.99	Glutamic, Miscellaneous	871	1.6050	0.0700			0.0700	1			
126.00	Glycine, Post-col Ninhydrin Der	684	0.7585	0.0130	0.7867	0.0270	0.0071	8	-1.05	2%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
126.00	Glycine, Post-col Ninhydrin Der	644	0.7600	0.0080	0.7867	0.0270	0.0071	8	-0.99	2%	0
126.00	Glycine, Post-col Ninhydrin Der	675	0.7750	0.0100	0.7867	0.0270	0.0071	8	-0.44	1%	0
126.00	Glycine, Post-col Ninhydrin Der	350	0.7825	0.0050	0.7867	0.0270	0.0071	8	-0.16	0%	0
126.00	Glycine, Post-col Ninhydrin Der	859	0.7825	0.0130	0.7867	0.0270	0.0071	8	-0.16	0%	0
126.00	Glycine, Post-col Ninhydrin Der	872	0.8000	0.0040	0.7867	0.0270	0.0071	8	0.49	1%	0
126.00	Glycine, Post-col Ninhydrin Der	571	0.8085	0.0010	0.7867	0.0270	0.0071	8	0.81	1%	0
126.00	Glycine, Post-col Ninhydrin Der	878	0.8285	0.0030	0.7867	0.0270	0.0071	8	1.55	3%	0
126.00	Glycine, Post-col Ninhydrin Der	504	0.8550	0.0500	0.7867	0.0270	0.0071	8	2.53	4%	1
126.02	Glycine, Post-col OPA Der	98	0.8062	0.0152			0.0152	1			
126.05	Glycine, Pre-col AQC Der	38	0.7725	0.0030	0.7843	0.0167	0.0065	2	-0.71	1%	0
126.05	Glycine, Pre-col AQC Der	626	0.7961	0.0099	0.7843	0.0167	0.0065	2	0.71	1%	0
126.99	Glycine, Miscellaneous	871	0.7250	0.0300			0.0300	1			
127.00	Histidine, Post-col Ninhydrin Der	684	0.3045	0.0130	0.3298	0.0177	0.0073	9	-1.42	4%	0
127.00	Histidine, Post-col Ninhydrin Der	859	0.3115	0.0050	0.3298	0.0177	0.0073	9	-1.03	3%	0
127.00	Histidine, Post-col Ninhydrin Der	872	0.3215	0.0050	0.3298	0.0177	0.0073	9	-0.47	1%	0
127.00	Histidine, Post-col Ninhydrin Der	644	0.3235	0.0050	0.3298	0.0177	0.0073	9	-0.35	1%	0
127.00	Histidine, Post-col Ninhydrin Der	504	0.3300	0.0200	0.3298	0.0177	0.0073	9	0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der	675	0.3400	0.0000	0.3298	0.0177	0.0073	9	0.58	2%	0
127.00	Histidine, Post-col Ninhydrin Der	571	0.3430	0.0060	0.3298	0.0177	0.0073	9	0.75	2%	0
127.00	Histidine, Post-col Ninhydrin Der	878	0.3455	0.0110	0.3298	0.0177	0.0073	9	0.89	2%	0
127.00	Histidine, Post-col Ninhydrin Der	350	0.3485	0.0010	0.3298	0.0177	0.0073	9	1.06	3%	0
127.02	Histidine, Post-col OPA Der	98	0.2968	0.0045			0.0045	1			
127.05	Histidine, Pre-col AQC Der	38	0.2940	0.0060	0.3980	0.1471	0.0050	2	-0.71	13%	0
127.05	Histidine, Pre-col AQC Der	626	0.5020	0.0040	0.3980	0.1471	0.0050	2	0.71	13%	0
127.99	Histidine, Miscellaneous	871	0.3150	0.0100			0.0100	1			
128.00	Isoleucine, Post-col Ninhydrin Der	675	0.6650	0.0300	0.6971	0.0281	0.0162	9	-1.14	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der	878	0.6740	0.0140	0.6971	0.0281	0.0162	9	-0.82	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der	644	0.6780	0.0060	0.6971	0.0281	0.0162	9	-0.68	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der	872	0.6850	0.0200	0.6971	0.0281	0.0162	9	-0.43	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der	859	0.6865	0.0070	0.6971	0.0281	0.0162	9	-0.38	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der	571	0.7120	0.0140	0.6971	0.0281	0.0162	9	0.53	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der	350	0.7130	0.0020	0.6971	0.0281	0.0162	9	0.56	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der	684	0.7265	0.0130	0.6971	0.0281	0.0162	9	1.04	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der	504	0.7700	0.0400	0.6971	0.0281	0.0162	9	2.59	5%	0
128.02	Isoleucine, Post-col OPA Der	98	0.7109	0.0163			0.0163	1			
128.05	Isoleucine, Pre-col AQC Der	38	0.6435	0.0350	0.6683	0.0350	0.0215	2	-0.71	2%	0
128.05	Isoleucine, Pre-col AQC Der	626	0.6930	0.0080	0.6683	0.0350	0.0215	2	0.71	2%	0
128.99	Isoleucine, Miscellaneous	871	0.6500	0.0200			0.0200	1			
129.00	Leucine, Post-col Ninhydrin Der	859	1.1415	0.0150	1.1699	0.0178	0.0091	8	-1.59	1%	0
129.00	Leucine, Post-col Ninhydrin Der	675	1.1550	0.0100	1.1699	0.0178	0.0091	8	-0.84	1%	0
129.00	Leucine, Post-col Ninhydrin Der	872	1.1640	0.0120	1.1699	0.0178	0.0091	8	-0.33	0%	0
129.00	Leucine, Post-col Ninhydrin Der	878	1.1685	0.0010	1.1699	0.0178	0.0091	8	-0.08	0%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
129.00	Leucine, Post-col Ninhydrin Der	644	1.1705	0.0150	1.1699	0.0178	0.0091	8	0.03	0%	0
129.00	Leucine, Post-col Ninhydrin Der	684	1.1705	0.0170	1.1699	0.0178	0.0091	8	0.03	0%	0
129.00	Leucine, Post-col Ninhydrin Der	571	1.2000	0.0000	1.1699	0.0178	0.0091	8	1.69	1%	0
129.00	Leucine, Post-col Ninhydrin Der	350	1.2305	0.0030	1.1699	0.0178	0.0091	8	3.40	3%	0
129.00	Leucine, Post-col Ninhydrin Der	504	1.2800	0.1000	1.1699	0.0178	0.0091	8	6.18	5%	1
129.02	Leucine, Post-col OPA Der	98	1.2018	0.0161			0.0161	1			
129.05	Leucine, Pre-col AQC Der	626	1.1610	0.0040	1.1630	0.0028	0.0020	2	-0.71	0%	0
129.05	Leucine, Pre-col AQC Der	38	1.1650	0.0000	1.1630	0.0028	0.0020	2	0.71	0%	0
129.99	Leucine, Miscellaneous	871	1.0950	0.0300			0.0300	1			
130.00	L-Lysine, Post-col Ninhydrin Der	684	0.7420	0.0400	0.8002	0.0261	0.0186	9	-2.23	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der	859	0.7685	0.0110	0.8002	0.0261	0.0186	9	-1.22	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der	675	0.7950	0.0100	0.8002	0.0261	0.0186	9	-0.20	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der	644	0.7980	0.0080	0.8002	0.0261	0.0186	9	-0.08	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der	872	0.7985	0.0170	0.8002	0.0261	0.0186	9	-0.07	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der	571	0.8010	0.0020	0.8002	0.0261	0.0186	9	0.03	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der	878	0.8130	0.0140	0.8002	0.0261	0.0186	9	0.49	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der	350	0.8835	0.0050	0.8002	0.0261	0.0186	9	3.20	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der	504	0.8900	0.0600	0.8002	0.0261	0.0186	9	3.45	6%	0
130.02	L-Lysine, Post-col OPA Der	98	0.8142	0.0068			0.0068	1			
130.05	L-Lysine, Pre-col AQC Der	38	0.7440	0.0080	0.7820	0.0537	0.0230	2	-0.71	2%	0
130.05	L-Lysine, Pre-col AQC Der	626	0.8200	0.0380	0.7820	0.0537	0.0230	2	0.71	2%	0
130.99	L-Lysine, Miscellaneous	871	0.8300	0.0400			0.0400	1			
131.00	Methionine, PAO Post-col Ninhydrin D	350	0.1980	0.0020	0.2471	0.0349	0.0078	10	-1.41	10%	0
131.00	Methionine, PAO Post-col Ninhydrin D	675	0.2000	0.0000	0.2471	0.0349	0.0078	10	-1.35	10%	0
131.00	Methionine, PAO Post-col Ninhydrin D	859	0.2280	0.0040	0.2471	0.0349	0.0078	10	-0.55	4%	0
131.00	Methionine, PAO Post-col Ninhydrin D	878	0.2365	0.0010	0.2471	0.0349	0.0078	10	-0.30	2%	0
131.00	Methionine, PAO Post-col Ninhydrin D	872	0.2455	0.0010	0.2471	0.0349	0.0078	10	-0.05	0%	0
131.00	Methionine, PAO Post-col Ninhydrin D	571	0.2530	0.0060	0.2471	0.0349	0.0078	10	0.17	1%	0
131.00	Methionine, PAO Post-col Ninhydrin D	504	0.2650	0.0300	0.2471	0.0349	0.0078	10	0.51	4%	0
131.00	Methionine, PAO Post-col Ninhydrin D	644	0.2705	0.0050	0.2471	0.0349	0.0078	10	0.67	5%	0
131.00	Methionine, PAO Post-col Ninhydrin D	684	0.2720	0.0140	0.2471	0.0349	0.0078	10	0.71	5%	0
131.00	Methionine, PAO Post-col Ninhydrin D	171	0.3105	0.0150	0.2471	0.0349	0.0078	10	1.82	13%	0
131.02	Methionine, PAO Post-col OPA Der	98	0.2535	0.0043			0.0043	1			
131.05	Methionine, PAO Pre-col AQC Der	626	0.1920	0.0980	0.2278	0.0506	0.0555	2	-0.71	8%	0
131.05	Methionine, PAO Pre-col AQC Der	38	0.2635	0.0130	0.2278	0.0506	0.0555	2	0.71	8%	0
131.99	Methionine, Miscellaneous	871	0.1850	0.0100			0.0100	1			
132.00	Phenylalanine, Post-col Ninhydrin Der	684	0.7425	0.0090	0.7792	0.0284	0.0079	8	-1.29	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der	675	0.7500	0.0000	0.7792	0.0284	0.0079	8	-1.03	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der	872	0.7650	0.0200	0.7792	0.0284	0.0079	8	-0.50	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der	878	0.7795	0.0030	0.7792	0.0284	0.0079	8	0.01	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der	644	0.7880	0.0060	0.7792	0.0284	0.0079	8	0.31	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der	859	0.7900	0.0080	0.7792	0.0284	0.0079	8	0.38	1%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
132.00	Phenylalanine, Post-col Ninhydrin Der	571	0.8080	0.0160	0.7792	0.0284	0.0079	8	1.01	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der	350	0.8105	0.0010	0.7792	0.0284	0.0079	8	1.10	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der	504	0.8400	0.0600	0.7792	0.0284	0.0079	8	2.14	4%	1
132.02	Phenylalanine, Post-col OPA Der	98	0.8904	0.0157			0.0157	1			
132.05	Phenylalanine, Pre-col AQC Der	38	0.7845	0.0070	0.7870	0.0035	0.0070	2	-0.71	0%	0
132.05	Phenylalanine, Pre-col AQC Der	626	0.7895	0.0070	0.7870	0.0035	0.0070	2	0.71	0%	0
132.99	Phenylalanine, Miscellaneous	871	0.7750	0.0500			0.0500	1			
133.00	Proline, Post-col Ninhydrin Der	684	1.1120	0.0080	1.1587	0.0261	0.0131	8	-1.79	2%	0
133.00	Proline, Post-col Ninhydrin Der	675	1.1400	0.0200	1.1587	0.0261	0.0131	8	-0.72	1%	0
133.00	Proline, Post-col Ninhydrin Der	644	1.1510	0.0260	1.1587	0.0261	0.0131	8	-0.29	0%	0
133.00	Proline, Post-col Ninhydrin Der	350	1.1535	0.0030	1.1587	0.0261	0.0131	8	-0.20	0%	0
133.00	Proline, Post-col Ninhydrin Der	878	1.1565	0.0010	1.1587	0.0261	0.0131	8	-0.08	0%	0
133.00	Proline, Post-col Ninhydrin Der	859	1.1700	0.0120	1.1587	0.0261	0.0131	8	0.43	0%	0
133.00	Proline, Post-col Ninhydrin Der	571	1.2000	0.0000	1.1587	0.0261	0.0131	8	1.58	2%	0
133.00	Proline, Post-col Ninhydrin Der	872	1.2105	0.0350	1.1587	0.0261	0.0131	8	1.99	2%	0
133.00	Proline, Post-col Ninhydrin Der	504	1.2200	0.1000	1.1587	0.0261	0.0131	8	2.35	3%	1
133.05	Proline, Pre-col AQC Der	38	1.1430	0.0020	1.2870	0.2036	0.0080	2	-0.71	6%	0
133.05	Proline, Pre-col AQC Der	626	1.4310	0.0140	1.2870	0.2036	0.0080	2	0.71	6%	0
133.99	Proline, Miscellaneous	871	1.2400	0.0400			0.0400	1			
134.00	Serine, Post-col Ninhydrin Der	644	0.7065	0.0150	0.7292	0.0167	0.0077	7	-1.36	2%	0
134.00	Serine, Post-col Ninhydrin Der	684	0.7165	0.0090	0.7292	0.0167	0.0077	7	-0.76	1%	0
134.00	Serine, Post-col Ninhydrin Der	350	0.7250	0.0000	0.7292	0.0167	0.0077	7	-0.25	0%	0
134.00	Serine, Post-col Ninhydrin Der	859	0.7305	0.0090	0.7292	0.0167	0.0077	7	0.08	0%	0
134.00	Serine, Post-col Ninhydrin Der	571	0.7310	0.0000	0.7292	0.0167	0.0077	7	0.11	0%	0
134.00	Serine, Post-col Ninhydrin Der	872	0.7405	0.0170	0.7292	0.0167	0.0077	7	0.67	1%	0
134.00	Serine, Post-col Ninhydrin Der	878	0.7760	0.0040	0.7292	0.0167	0.0077	7	2.80	3%	0
134.00	Serine, Post-col Ninhydrin Der	504	0.5950	0.0700	0.7292	0.0167	0.0077	7	-8.03	9%	1
134.02	Serine, Post-col OPA Der	98	0.7095	0.0023			0.0023	1			
134.05	Serine, Pre-col AQC Der	38	0.7645	0.0190	0.7708	0.0088	0.0175	2	-0.71	0%	0
134.05	Serine, Pre-col AQC Der	626	0.7770	0.0160	0.7708	0.0088	0.0175	2	0.71	0%	0
134.99	Serine, Miscellaneous	871	0.6550	0.0300			0.0300	1			
135.00	Threonine, Post-col Ninhydrin Der	684	0.7010	0.0100	0.7203	0.0111	0.0081	8	-1.74	1%	0
135.00	Threonine, Post-col Ninhydrin Der	350	0.7130	0.0060	0.7203	0.0111	0.0081	8	-0.65	1%	0
135.00	Threonine, Post-col Ninhydrin Der	675	0.7150	0.0100	0.7203	0.0111	0.0081	8	-0.47	0%	0
135.00	Threonine, Post-col Ninhydrin Der	571	0.7160	0.0040	0.7203	0.0111	0.0081	8	-0.38	0%	0
135.00	Threonine, Post-col Ninhydrin Der	644	0.7220	0.0160	0.7203	0.0111	0.0081	8	0.16	0%	0
135.00	Threonine, Post-col Ninhydrin Der	859	0.7255	0.0090	0.7203	0.0111	0.0081	8	0.47	0%	0
135.00	Threonine, Post-col Ninhydrin Der	872	0.7325	0.0050	0.7203	0.0111	0.0081	8	1.11	1%	0
135.00	Threonine, Post-col Ninhydrin Der	878	0.7575	0.0050	0.7203	0.0111	0.0081	8	3.36	3%	0
135.00	Threonine, Post-col Ninhydrin Der	504	0.7100	0.0800	0.7203	0.0111	0.0081	8	-0.92	1%	1
135.02	Threonine, Post-col OPA Der	98	0.7218	0.0048			0.0048	1			
135.05	Threonine, Pre-col AQC Der	626	0.5910	0.0020	0.6510	0.0849	0.0030	2	-0.71	5%	0

Method Code	Analyte Name and Method	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	range	Rob Mean	Rob SD	R-bar	# Labs			
135.05	Threonine, Pre-col AQC Der	38	0.7110	0.0040	0.6510	0.0849	0.0030	2	0.71	5%	0
135.99	Threonine, Miscellaneous	871	0.7750	0.0300			0.0300	1			
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin Der	684	0.2935	0.0030			0.0030	1			
136.01	Tryptophan, Alka-Hydrol Rev Phase L	868	0.1805	0.0050	0.2294	0.0396	0.0033	4	-1.23	11%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase L	878	0.2145	0.0030	0.2294	0.0396	0.0033	4	-0.38	3%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase L	571	0.2555	0.0030	0.2294	0.0396	0.0033	4	0.66	6%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase L	644	0.2670	0.0020	0.2294	0.0396	0.0033	4	0.95	8%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC F	859	0.1275	0.0030			0.0030	1			
136.99	Tryptophan, Miscellaneous	504	0.1750	0.0100	0.2330	0.0492	0.0060	4	-1.18	12%	0
136.99	Tryptophan, Miscellaneous	38	0.2255	0.0010	0.2330	0.0492	0.0060	4	-0.15	2%	0
136.99	Tryptophan, Miscellaneous	98	0.2365	0.0030	0.2330	0.0492	0.0060	4	0.07	1%	0
136.99	Tryptophan, Miscellaneous	871	0.2950	0.0100	0.2330	0.0492	0.0060	4	1.26	13%	0
137.00	Tyrosine, Post-col Ninhydrin Der	675	0.4650	0.0100	0.5091	0.0351	0.0148	6	-1.25	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der	350	0.4825	0.0050	0.5091	0.0351	0.0148	6	-0.76	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der	684	0.5130	0.0180	0.5091	0.0351	0.0148	6	0.11	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der	644	0.5140	0.0020	0.5091	0.0351	0.0148	6	0.14	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der	504	0.5300	0.0400	0.5091	0.0351	0.0148	6	0.60	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der	872	0.5500	0.0140	0.5091	0.0351	0.0148	6	1.16	4%	0
137.02	Tyrosine, Post-col OPA Der	98	0.4099	0.0035			0.0035	1			
137.05	Tyrosine, Pre-col AQC Der	626	0.5735	0.0050			0.0050	1			
137.99	Tyrosine, Miscellaneous	871	0.5250	0.0500			0.0500	1			
138.00	Valine, Post-col Ninhydrin Der	684	0.8190	0.0100	0.8719	0.0415	0.0111	8	-1.28	3%	0
138.00	Valine, Post-col Ninhydrin Der	878	0.8330	0.0180	0.8719	0.0415	0.0111	8	-0.94	2%	0
138.00	Valine, Post-col Ninhydrin Der	675	0.8550	0.0100	0.8719	0.0415	0.0111	8	-0.41	1%	0
138.00	Valine, Post-col Ninhydrin Der	872	0.8615	0.0070	0.8719	0.0415	0.0111	8	-0.25	1%	0
138.00	Valine, Post-col Ninhydrin Der	644	0.8775	0.0150	0.8719	0.0415	0.0111	8	0.13	0%	0
138.00	Valine, Post-col Ninhydrin Der	571	0.9010	0.0080	0.8719	0.0415	0.0111	8	0.70	2%	0
138.00	Valine, Post-col Ninhydrin Der	859	0.9040	0.0120	0.8719	0.0415	0.0111	8	0.77	2%	0
138.00	Valine, Post-col Ninhydrin Der	350	0.9245	0.0090	0.8719	0.0415	0.0111	8	1.27	3%	0
138.00	Valine, Post-col Ninhydrin Der	504	1.0050	0.0700	0.8719	0.0415	0.0111	8	3.21	8%	1
138.02	Valine, Post-col OPA Der	98	0.8999	0.0252			0.0252	1			
138.05	Valine, Pre-col AQC Der	38	0.8175	0.0190	0.8488	0.0442	0.0115	2	-0.71	2%	0
138.05	Valine, Pre-col AQC Der	626	0.8800	0.0040	0.8488	0.0442	0.0115	2	0.71	2%	0
138.99	Valine, Miscellaneous	871	0.8600	0.0400			0.0400	1			
139.00	Taurine, Post-col Ninhydrin Der	504	0.1000	0.0400			0.0400	1			
140.01	Lysine Free, LC-PCD	859	0.0180	0.0000			0.0000	1			
142.00	Threonine Free, LC-PCD	859	0.4200	0.0100			0.0100	1			