



**AAFCO**  
Association of American Feed Control Officials



**Animal Feed Scheme**

**Cattle Mineral**

**Test Material Code # 202398**

**Analyte Proficiency Testing Report**

**# Labs Reporting: 151**

**# Analytes Reported 116**

**Issue Date : 09/30/2023**

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests			
001	Loss on Drying (%)	0345	1.370	0.0200	2.439	0.3426	0.1108	54	-3.12	001.07	0
001	Loss on Drying (%)	0510	1.450	0.1000	2.439	0.3426	0.1108	54	-2.89	001.99	0
001	Loss on Drying (%)	0019	1.990	0.2200	2.439	0.3426	0.1108	54	-1.31	001.99	0
001	Loss on Drying (%)	0034	1.995	0.0500	2.439	0.3426	0.1108	54	-1.30	001.07	0
001	Loss on Drying (%)	0366	2.000	0.2000	2.439	0.3426	0.1108	54	-1.28	001.07	0
001	Loss on Drying (%)	0889	2.005	0.0700	2.439	0.3426	0.1108	54	-1.27	001.99	0
001	Loss on Drying (%)	0353	2.020	0.0400	2.439	0.3426	0.1108	54	-1.22	001.07	0
001	Loss on Drying (%)	0098	2.040	0.2200	2.439	0.3426	0.1108	54	-1.16	001.07	0
001	Loss on Drying (%)	0297	2.060	0.5600	2.439	0.3426	0.1108	54	-1.11	001.07	0
001	Loss on Drying (%)	0010	2.100	0.0000	2.439	0.3426	0.1108	54	-0.99	001.07	0
001	Loss on Drying (%)	0226	2.125	0.0100	2.439	0.3426	0.1108	54	-0.92	001.07	0
001	Loss on Drying (%)	0560	2.145	0.1100	2.439	0.3426	0.1108	54	-0.86	001.99	0
001	Loss on Drying (%)	0941	2.170	0.2400	2.439	0.3426	0.1108	54	-0.78	001.99	0
001	Loss on Drying (%)	0512	2.206	0.0400	2.439	0.3426	0.1108	54	-0.68	001.07	0
001	Loss on Drying (%)	0066	2.240	0.0800	2.439	0.3426	0.1108	54	-0.58	001.07	0
001	Loss on Drying (%)	0596	2.275	0.2100	2.439	0.3426	0.1108	54	-0.48	001.07	0
001	Loss on Drying (%)	0033	2.285	0.0700	2.439	0.3426	0.1108	54	-0.45	001.07	0
001	Loss on Drying (%)	2190	2.285	0.0100	2.439	0.3426	0.1108	54	-0.45	001.07	0
001	Loss on Drying (%)	2144	2.300	0.0400	2.439	0.3426	0.1108	54	-0.41	001.07	0
001	Loss on Drying (%)	0504	2.305	0.0300	2.439	0.3426	0.1108	54	-0.39	001.00	0
001	Loss on Drying (%)	0038	2.305	0.0100	2.439	0.3426	0.1108	54	-0.39	001.07	0
001	Loss on Drying (%)	0037	2.330	0.0200	2.439	0.3426	0.1108	54	-0.32	001.99	0
001	Loss on Drying (%)	0035	2.385	0.0700	2.439	0.3426	0.1108	54	-0.16	001.07	0
001	Loss on Drying (%)	2392	2.385	0.1700	2.439	0.3426	0.1108	54	-0.16	001.99	0
001	Loss on Drying (%)	0169	2.400	0.0200	2.439	0.3426	0.1108	54	-0.11	001.00	0
001	Loss on Drying (%)	0505	2.400	0.1000	2.439	0.3426	0.1108	54	-0.11	001.07	0
001	Loss on Drying (%)	2059	2.420	0.0800	2.439	0.3426	0.1108	54	-0.05	001.07	0
001	Loss on Drying (%)	0676	2.425	0.0700	2.439	0.3426	0.1108	54	-0.04	001.99	0
001	Loss on Drying (%)	0083	2.480	0.0600	2.439	0.3426	0.1108	54	0.12	001.07	0
001	Loss on Drying (%)	0413	2.485	0.1900	2.439	0.3426	0.1108	54	0.13	001.07	0
001	Loss on Drying (%)	2155	2.500	0.4000	2.439	0.3426	0.1108	54	0.18	001.99	0
001	Loss on Drying (%)	2445	2.510	0.0200	2.439	0.3426	0.1108	54	0.21	001.07	0
001	Loss on Drying (%)	0407	2.513	0.0234	2.439	0.3426	0.1108	54	0.22	001.00	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
001	Loss on Drying (%)	0914	2.535	0.0100	2.439	0.3426	0.1108	54	0.28	001.99	0
001	Loss on Drying (%)	0148	2.575	0.0900	2.439	0.3426	0.1108	54	0.40	001.07	0
001	Loss on Drying (%)	0278	2.590	0.0000	2.439	0.3426	0.1108	54	0.44	001.07	0
001	Loss on Drying (%)	2319	2.600	0.0000	2.439	0.3426	0.1108	54	0.47	001.99	0
001	Loss on Drying (%)	0590	2.620	0.4400	2.439	0.3426	0.1108	54	0.53	001.07	0
001	Loss on Drying (%)	0610	2.625	0.0700	2.439	0.3426	0.1108	54	0.54	001.99	0
001	Loss on Drying (%)	2268	2.635	0.1700	2.439	0.3426	0.1108	54	0.57	001.99	0
001	Loss on Drying (%)	0643	2.691	0.0010	2.439	0.3426	0.1108	54	0.73	001.07	0
001	Loss on Drying (%)	0074	2.725	0.4900	2.439	0.3426	0.1108	54	0.84	001.07	0
001	Loss on Drying (%)	0843	2.735	0.2700	2.439	0.3426	0.1108	54	0.86	001.03	0
001	Loss on Drying (%)	0843	2.735	0.2700	2.439	0.3426	0.1108	54	0.86	001.07	0
001	Loss on Drying (%)	0872	2.750	0.1800	2.439	0.3426	0.1108	54	0.91	001.07	0
001	Loss on Drying (%)	0049	2.760	0.2400	2.439	0.3426	0.1108	54	0.94	001.07	0
001	Loss on Drying (%)	0357	2.811	0.0293	2.439	0.3426	0.1108	54	1.09	001.99	0
001	Loss on Drying (%)	0407	2.824	0.0356	2.439	0.3426	0.1108	54	1.12	001.07	0
001	Loss on Drying (%)	2259	2.840	0.0160	2.439	0.3426	0.1108	54	1.17	001.07	0
001	Loss on Drying (%)	0682	2.920	0.0000	2.439	0.3426	0.1108	54	1.40	001.07	0
001	Loss on Drying (%)	0651	2.932	0.0704	2.439	0.3426	0.1108	54	1.44	001.99	0
001	Loss on Drying (%)	0619	3.085	0.0300	2.439	0.3426	0.1108	54	1.89	001.03	0
001	Loss on Drying (%)	0045	3.400	0.4000	2.439	0.3426	0.1108	54	2.81	001.07	0
001	Loss on Drying (%)	0852	3.515	0.1100	2.439	0.3426	0.1108	54	3.14	001.99	0
001	Loss on Drying (%)	0693	2.911	1.035	2.439	0.3426	0.1108	54	1.38	001.07	1
002	Protein, Crude (%)	0953	1.498	0.3080	2.459	0.2938	0.1224	50	-3.27	002.06	0
002	Protein, Crude (%)	0692	1.750	0.5000	2.459	0.2938	0.1224	50	-2.41	002.06	0
002	Protein, Crude (%)	0880	1.850	0.0400	2.459	0.2938	0.1224	50	-2.07	002.06	0
002	Protein, Crude (%)	2433	2.055	0.0700	2.459	0.2938	0.1224	50	-1.37	002.00	0
002	Protein, Crude (%)	0956	2.100	0.0000	2.459	0.2938	0.1224	50	-1.22	002.06	0
002	Protein, Crude (%)	0682	2.130	0.0000	2.459	0.2938	0.1224	50	-1.12	002.06	0
002	Protein, Crude (%)	0539	2.145	0.1500	2.459	0.2938	0.1224	50	-1.07	002.06	0
002	Protein, Crude (%)	0914	2.200	0.0400	2.459	0.2938	0.1224	50	-0.88	002.06	0
002	Protein, Crude (%)	2302	2.255	0.1300	2.459	0.2938	0.1224	50	-0.69	002.06	0
002	Protein, Crude (%)	2184	2.265	0.0700	2.459	0.2938	0.1224	50	-0.66	002.06	0
002	Protein, Crude (%)	0870	2.275	0.0018	2.459	0.2938	0.1224	50	-0.63	002.06	0
002	Protein, Crude (%)	0164	2.280	0.0600	2.459	0.2938	0.1224	50	-0.61	002.06	0
002	Protein, Crude (%)	0693	2.288	0.0000	2.459	0.2938	0.1224	50	-0.58	002.06	0
002	Protein, Crude (%)	0083	2.325	0.0700	2.459	0.2938	0.1224	50	-0.46	002.06	0
002	Protein, Crude (%)	0297	2.325	0.0900	2.459	0.2938	0.1224	50	-0.46	002.06	0
002	Protein, Crude (%)	0872	2.329	0.0100	2.459	0.2938	0.1224	50	-0.44	002.06	0
002	Protein, Crude (%)	2213	2.340	0.1600	2.459	0.2938	0.1224	50	-0.40	002.06	0
002	Protein, Crude (%)	2059	2.345	0.0094	2.459	0.2938	0.1224	50	-0.39	002.06	0
002	Protein, Crude (%)	0202	2.350	0.0200	2.459	0.2938	0.1224	50	-0.37	002.06	0
002	Protein, Crude (%)	0366	2.350	0.1000	2.459	0.2938	0.1224	50	-0.37	002.06	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
002	Protein, Crude (%)	2129	2.352	0.0291	2.459	0.2938	0.1224	50	-0.36	002.06	0
002	Protein, Crude (%)	0504	2.370	0.0400	2.459	0.2938	0.1224	50	-0.30	002.06	0
002	Protein, Crude (%)	1019	2.375	0.2500	2.459	0.2938	0.1224	50	-0.29	002.05	0
002	Protein, Crude (%)	0033	2.380	0.2000	2.459	0.2938	0.1224	50	-0.27	002.06	0
002	Protein, Crude (%)	0123	2.405	0.0700	2.459	0.2938	0.1224	50	-0.18	002.06	0
002	Protein, Crude (%)	2006	2.410	0.0600	2.459	0.2938	0.1224	50	-0.17	002.05	0
002	Protein, Crude (%)	0358	2.410	0.1200	2.459	0.2938	0.1224	50	-0.17	002.06	0
002	Protein, Crude (%)	2349	2.450	0.1000	2.459	0.2938	0.1224	50	-0.03	002.06	0
002	Protein, Crude (%)	0049	2.465	0.1500	2.459	0.2938	0.1224	50	0.02	002.06	0
002	Protein, Crude (%)	0510	2.500	0.0000	2.459	0.2938	0.1224	50	0.14	002.06	0
002	Protein, Crude (%)	0651	2.536	0.1673	2.459	0.2938	0.1224	50	0.26	002.05	0
002	Protein, Crude (%)	0622	2.540	0.0170	2.459	0.2938	0.1224	50	0.28	002.05	0
002	Protein, Crude (%)	0407	2.549	0.2120	2.459	0.2938	0.1224	50	0.31	002.06	0
002	Protein, Crude (%)	0164	2.565	0.2500	2.459	0.2938	0.1224	50	0.36	002.01	0
002	Protein, Crude (%)	0098	2.570	0.0400	2.459	0.2938	0.1224	50	0.38	002.08	0
002	Protein, Crude (%)	2076	2.599	0.0060	2.459	0.2938	0.1224	50	0.48	002.06	0
002	Protein, Crude (%)	0037	2.610	0.0400	2.459	0.2938	0.1224	50	0.51	002.06	0
002	Protein, Crude (%)	0098	2.615	0.4100	2.459	0.2938	0.1224	50	0.53	002.06	0
002	Protein, Crude (%)	0026	2.621	0.0375	2.459	0.2938	0.1224	50	0.55	002.06	0
002	Protein, Crude (%)	0870	2.622	0.0560	2.459	0.2938	0.1224	50	0.56	002.01	0
002	Protein, Crude (%)	0541	2.660	0.3600	2.459	0.2938	0.1224	50	0.68	002.06	0
002	Protein, Crude (%)	0574	2.775	0.0100	2.459	0.2938	0.1224	50	1.08	002.06	0
002	Protein, Crude (%)	0148	2.855	0.0300	2.459	0.2938	0.1224	50	1.35	002.06	0
002	Protein, Crude (%)	0889	2.915	0.0300	2.459	0.2938	0.1224	50	1.55	002.01	0
002	Protein, Crude (%)	0843	2.980	0.6600	2.459	0.2938	0.1224	50	1.77	002.06	0
002	Protein, Crude (%)	0598	3.085	0.3700	2.459	0.2938	0.1224	50	2.13	002.06	0
002	Protein, Crude (%)	0685	3.940	0.2000	2.459	0.2938	0.1224	50	5.04	002.01	0
002	Protein, Crude (%)	2268	4.350	0.3200	2.459	0.2938	0.1224	50	6.44	002.06	0
002	Protein, Crude (%)	0889	7.720	0.2000	2.459	0.2938	0.1224	50	17.91	002.11	0
002	Protein, Crude (%)	0852	13.16	0.2300	2.459	0.2938	0.1224	50	36.41	002.11	0
002	Protein, Crude (%)	0964	40.34	0.7580	2.459	0.2938	0.1224	50	>100	002.06	2
002	Protein, Crude (%)	0563	< 3		2.459	0.2938	0.1224	50		002.08	5
003	Fat, Crude (%)	2184	2.040	0.2400	2.572	0.2335	0.1262	38	-2.28	003.10	0
003	Fat, Crude (%)	0622	2.156	0.0026	2.572	0.2335	0.1262	38	-1.78	003.10	0
003	Fat, Crude (%)	0098	2.235	0.0300	2.572	0.2335	0.1262	38	-1.44	003.10	0
003	Fat, Crude (%)	0693	2.265	0.2810	2.572	0.2335	0.1262	38	-1.32	003.10	0
003	Fat, Crude (%)	0541	2.325	0.3300	2.572	0.2335	0.1262	38	-1.06	003.10	0
003	Fat, Crude (%)	0574	2.325	0.0100	2.572	0.2335	0.1262	38	-1.06	003.14	0
003	Fat, Crude (%)	0098	2.380	0.5000	2.572	0.2335	0.1262	38	-0.82	003.13	0
003	Fat, Crude (%)	2433	2.391	0.1715	2.572	0.2335	0.1262	38	-0.78	003.14	0
003	Fat, Crude (%)	0870	2.424	0.0433	2.572	0.2335	0.1262	38	-0.64	003.10	0
003	Fat, Crude (%)	0598	2.430	0.0400	2.572	0.2335	0.1262	38	-0.61	003.14	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
003	Fat, Crude (%)	2006	2.450	0.0200	2.572	0.2335	0.1262	38	-0.52	003.13	0
003	Fat, Crude (%)	2246	2.455	0.0500	2.572	0.2335	0.1262	38	-0.50	003.13	0
003	Fat, Crude (%)	0202	2.465	0.0700	2.572	0.2335	0.1262	38	-0.46	003.14	0
003	Fat, Crude (%)	0037	2.485	0.0100	2.572	0.2335	0.1262	38	-0.37	003.14	0
003	Fat, Crude (%)	0033	2.500	0.0400	2.572	0.2335	0.1262	38	-0.31	003.14	0
003	Fat, Crude (%)	0889	2.525	0.0300	2.572	0.2335	0.1262	38	-0.20	003.10	0
003	Fat, Crude (%)	0358	2.525	0.1300	2.572	0.2335	0.1262	38	-0.20	003.14	0
003	Fat, Crude (%)	0098	2.525	0.2700	2.572	0.2335	0.1262	38	-0.20	003.09	0
003	Fat, Crude (%)	2076	2.555	0.0100	2.572	0.2335	0.1262	38	-0.07	003.14	0
003	Fat, Crude (%)	0148	2.575	0.1900	2.572	0.2335	0.1262	38	0.01	003.10	0
003	Fat, Crude (%)	0563	2.591	0.0182	2.572	0.2335	0.1262	38	0.08	003.14	0
003	Fat, Crude (%)	0148	2.615	0.2900	2.572	0.2335	0.1262	38	0.18	003.14	0
003	Fat, Crude (%)	0651	2.635	0.0410	2.572	0.2335	0.1262	38	0.27	003.14	0
003	Fat, Crude (%)	0366	2.650	0.3000	2.572	0.2335	0.1262	38	0.33	003.10	0
003	Fat, Crude (%)	0685	2.650	0.0600	2.572	0.2335	0.1262	38	0.33	003.09	0
003	Fat, Crude (%)	0563	2.652	0.0487	2.572	0.2335	0.1262	38	0.34	003.01	0
003	Fat, Crude (%)	0870	2.656	0.0404	2.572	0.2335	0.1262	38	0.36	003.13	0
003	Fat, Crude (%)	0504	2.670	0.0000	2.572	0.2335	0.1262	38	0.42	003.01	0
003	Fat, Crude (%)	0164	2.680	0.0400	2.572	0.2335	0.1262	38	0.46	003.01	0
003	Fat, Crude (%)	0407	2.680	0.3462	2.572	0.2335	0.1262	38	0.46	003.14	0
003	Fat, Crude (%)	0049	2.760	0.0600	2.572	0.2335	0.1262	38	0.80	003.14	0
003	Fat, Crude (%)	0682	2.800	0.0000	2.572	0.2335	0.1262	38	0.98	003.06	0
003	Fat, Crude (%)	2302	2.850	0.0400	2.572	0.2335	0.1262	38	1.19	003.14	0
003	Fat, Crude (%)	0692	2.890	0.2600	2.572	0.2335	0.1262	38	1.36	003.14	0
003	Fat, Crude (%)	0682	3.090	0.0000	2.572	0.2335	0.1262	38	2.22	003.14	0
003	Fat, Crude (%)	0964	3.715	0.2100	2.572	0.2335	0.1262	38	4.89	003.09	0
003	Fat, Crude (%)	0889	5.445	0.0500	2.572	0.2335	0.1262	38	12.30	003.11	0
003	Fat, Crude (%)	0852	7.710	0.5600	2.572	0.2335	0.1262	38	22.00	003.11	0
003	Fat, Crude (%)	0880	1.050	1.100	2.572	0.2335	0.1262	38	-6.52	003.99	1
003	Fat, Crude (%)	1019	6.410	0.9600	2.572	0.2335	0.1262	38	16.44	003.99	1
004	Fiber, Crude (%)	0366	1.750	0.1000	3.718	1.287	0.3065	21	-1.53	004.07	0
004	Fiber, Crude (%)	0098	2.650	0.3800	3.718	1.287	0.3065	21	-0.83	004.06	0
004	Fiber, Crude (%)	2006	2.690	0.2000	3.718	1.287	0.3065	21	-0.80	004.06	0
004	Fiber, Crude (%)	0164	2.700	0.2000	3.718	1.287	0.3065	21	-0.79	004.00	0
004	Fiber, Crude (%)	2349	2.900	0.2000	3.718	1.287	0.3065	21	-0.64	004.06	0
004	Fiber, Crude (%)	0692	2.900	0.2000	3.718	1.287	0.3065	21	-0.64	004.07	0
004	Fiber, Crude (%)	0169	2.980	0.0000	3.718	1.287	0.3065	21	-0.57	004.00	0
004	Fiber, Crude (%)	0685	2.990	0.0600	3.718	1.287	0.3065	21	-0.57	004.06	0
004	Fiber, Crude (%)	0870	3.058	0.0162	3.718	1.287	0.3065	21	-0.51	004.07	0
004	Fiber, Crude (%)	0504	3.230	0.1000	3.718	1.287	0.3065	21	-0.38	004.07	0
004	Fiber, Crude (%)	0407	3.384	0.5283	3.718	1.287	0.3065	21	-0.26	004.07	0
004	Fiber, Crude (%)	0098	3.445	0.6500	3.718	1.287	0.3065	21	-0.21	004.07	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
004	Fiber, Crude (%)	2302	3.530	0.8400	3.718	1.287	0.3065	21	-0.15	004.07	0
004	Fiber, Crude (%)	2076	4.267	0.4260	3.718	1.287	0.3065	21	0.43	004.00	0
004	Fiber, Crude (%)	0622	4.304	0.5121	3.718	1.287	0.3065	21	0.46	004.07	0
004	Fiber, Crude (%)	0682	4.400	0.0000	3.718	1.287	0.3065	21	0.53	004.07	0
004	Fiber, Crude (%)	0914	4.700	0.6000	3.718	1.287	0.3065	21	0.76	004.07	0
004	Fiber, Crude (%)	0598	5.225	0.3100	3.718	1.287	0.3065	21	1.17	004.07	0
004	Fiber, Crude (%)	2433	5.638	0.0997	3.718	1.287	0.3065	21	1.49	004.07	0
004	Fiber, Crude (%)	0889	7.810	0.0600	3.718	1.287	0.3065	21	3.18	004.11	0
004	Fiber, Crude (%)	0964	11.79	0.5000	3.718	1.287	0.3065	21	6.27	004.06	0
004	Fiber, Crude (%)	0852	20.72	3.890	3.718	1.287	0.3065	21	13.21	004.11	1
004	Fiber, Crude (%)	0889	0.0000	0.0000	3.718	1.287	0.3065	21		004.07	4
005	Ash (%)	0852	22.56	0.0700	73.41	1.031	0.4150	103	-49.33	005.11	0
005	Ash (%)	0889	39.11	0.7250	73.41	1.031	0.4150	103	-33.27	005.11	0
005	Ash (%)	0169	66.26	0.3800	73.41	1.031	0.4150	103	-6.94	005.00	0
005	Ash (%)	2184	66.83	0.5600	73.41	1.031	0.4150	103	-6.39	005.00	0
005	Ash (%)	0511	67.60	7.600	73.41	1.031	0.4150	103	-5.64	005.03	0
005	Ash (%)	0019	69.45	5.100	73.41	1.031	0.4150	103	-3.85	005.99	0
005	Ash (%)	2445	70.06	0.1100	73.41	1.031	0.4150	103	-3.26	005.00	0
005	Ash (%)	0049	70.71	0.3700	73.41	1.031	0.4150	103	-2.63	005.00	0
005	Ash (%)	2349	70.75	0.1000	73.41	1.031	0.4150	103	-2.58	005.00	0
005	Ash (%)	0574	71.16	0.1500	73.41	1.031	0.4150	103	-2.19	005.00	0
005	Ash (%)	0674	71.39	0.0000	73.41	1.031	0.4150	103	-1.96	005.00	0
005	Ash (%)	0598	71.54	0.0300	73.41	1.031	0.4150	103	-1.82	005.00	0
005	Ash (%)	2359	71.75	0.7000	73.41	1.031	0.4150	103	-1.61	005.00	0
005	Ash (%)	0692	71.77	1.380	73.41	1.031	0.4150	103	-1.59	005.05	0
005	Ash (%)	2397	71.92	0.2300	73.41	1.031	0.4150	103	-1.45	005.00	0
005	Ash (%)	2199	72.15	0.9000	73.41	1.031	0.4150	103	-1.23	005.00	0
005	Ash (%)	0651	72.15	1.081	73.41	1.031	0.4150	103	-1.22	005.00	0
005	Ash (%)	0852	72.28	3.250	73.41	1.031	0.4150	103	-1.11	005.00	0
005	Ash (%)	0852	72.28	3.250	73.41	1.031	0.4150	103	-1.11	005.05	0
005	Ash (%)	0956	72.40	0.2000	73.41	1.031	0.4150	103	-0.98	005.00	0
005	Ash (%)	0953	72.45	0.7400	73.41	1.031	0.4150	103	-0.94	005.00	0
005	Ash (%)	0622	72.79	0.0091	73.41	1.031	0.4150	103	-0.61	005.00	0
005	Ash (%)	2302	72.82	0.4000	73.41	1.031	0.4150	103	-0.58	005.00	0
005	Ash (%)	2193	72.84	0.3500	73.41	1.031	0.4150	103	-0.56	005.00	0
005	Ash (%)	0038	72.85	0.5000	73.41	1.031	0.4150	103	-0.55	005.00	0
005	Ash (%)	0004	72.88	1.080	73.41	1.031	0.4150	103	-0.52	005.00	0
005	Ash (%)	0263	72.91	0.0750	73.41	1.031	0.4150	103	-0.49	005.05	0
005	Ash (%)	0726	72.93	0.0200	73.41	1.031	0.4150	103	-0.47	005.05	0
005	Ash (%)	2006	72.97	0.1900	73.41	1.031	0.4150	103	-0.44	005.00	0
005	Ash (%)	0643	72.99	0.0680	73.41	1.031	0.4150	103	-0.41	005.05	0
005	Ash (%)	0646	73.05	0.0900	73.41	1.031	0.4150	103	-0.36	005.00	0

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005	Ash (%)	2434	73.11	0.0000	73.41	1.031	0.4150	103	-0.30	005.00	0
005	Ash (%)	0035	73.14	0.6300	73.41	1.031	0.4150	103	-0.27	005.00	0
005	Ash (%)	0589	73.15	0.9100	73.41	1.031	0.4150	103	-0.26	005.00	0
005	Ash (%)	0366	73.15	0.1000	73.41	1.031	0.4150	103	-0.26	005.00	0
005	Ash (%)	2392	73.18	0.3550	73.41	1.031	0.4150	103	-0.23	005.99	0
005	Ash (%)	2246	73.19	0.1100	73.41	1.031	0.4150	103	-0.22	005.00	0
005	Ash (%)	0358	73.21	0.2800	73.41	1.031	0.4150	103	-0.20	005.00	0
005	Ash (%)	0968	73.24	0.0500	73.41	1.031	0.4150	103	-0.17	005.00	0
005	Ash (%)	2200	73.30	0.8000	73.41	1.031	0.4150	103	-0.11	005.00	0
005	Ash (%)	0889	73.31	0.5700	73.41	1.031	0.4150	103	-0.11	005.05	0
005	Ash (%)	0541	73.31	1.780	73.41	1.031	0.4150	103	-0.10	005.00	0
005	Ash (%)	0504	73.32	0.0300	73.41	1.031	0.4150	103	-0.10	005.00	0
005	Ash (%)	0353	73.33	0.2700	73.41	1.031	0.4150	103	-0.09	005.00	0
005	Ash (%)	0407	73.38	1.068	73.41	1.031	0.4150	103	-0.03	005.00	0
005	Ash (%)	2259	73.40	0.0310	73.41	1.031	0.4150	103	-0.01	005.00	0
005	Ash (%)	0870	73.41	0.1785	73.41	1.031	0.4150	103	-0.01	005.00	0
005	Ash (%)	0066	73.42	0.2900	73.41	1.031	0.4150	103	0.00	005.05	0
005	Ash (%)	0505	73.42	0.0200	73.41	1.031	0.4150	103	0.01	005.00	0
005	Ash (%)	0848	73.43	0.0600	73.41	1.031	0.4150	103	0.02	005.00	0
005	Ash (%)	0001	73.47	0.2250	73.41	1.031	0.4150	103	0.05	005.00	0
005	Ash (%)	0876	73.50	0.2100	73.41	1.031	0.4150	103	0.08	005.00	0
005	Ash (%)	0563	73.55	0.5595	73.41	1.031	0.4150	103	0.13	005.00	0
005	Ash (%)	0164	73.55	0.2800	73.41	1.031	0.4150	103	0.13	005.00	0
005	Ash (%)	2188	73.55	0.2600	73.41	1.031	0.4150	103	0.13	005.00	0
005	Ash (%)	0098	73.59	0.0500	73.41	1.031	0.4150	103	0.17	005.00	0
005	Ash (%)	0148	73.59	0.1200	73.41	1.031	0.4150	103	0.17	005.00	0
005	Ash (%)	0033	73.60	0.0000	73.41	1.031	0.4150	103	0.18	005.00	0
005	Ash (%)	0512	73.61	0.0700	73.41	1.031	0.4150	103	0.18	005.00	0
005	Ash (%)	0171	73.62	0.0600	73.41	1.031	0.4150	103	0.20	005.00	0
005	Ash (%)	0123	73.67	0.4800	73.41	1.031	0.4150	103	0.25	005.00	0
005	Ash (%)	0885	73.68	0.8394	73.41	1.031	0.4150	103	0.26	005.05	0
005	Ash (%)	0017	73.70	0.0000	73.41	1.031	0.4150	103	0.28	005.00	0
005	Ash (%)	2150	73.78	0.6000	73.41	1.031	0.4150	103	0.35	005.00	0
005	Ash (%)	0144	73.80	0.6000	73.41	1.031	0.4150	103	0.37	005.00	0
005	Ash (%)	0202	73.80	0.0000	73.41	1.031	0.4150	103	0.37	005.99	0
005	Ash (%)	0083	73.81	0.2700	73.41	1.031	0.4150	103	0.38	005.00	0
005	Ash (%)	2181	73.81	0.1100	73.41	1.031	0.4150	103	0.38	005.00	0
005	Ash (%)	0676	73.84	0.0100	73.41	1.031	0.4150	103	0.41	005.99	0
005	Ash (%)	0685	73.84	0.2000	73.41	1.031	0.4150	103	0.41	005.00	0
005	Ash (%)	2196	73.84	0.0000	73.41	1.031	0.4150	103	0.41	005.00	0
005	Ash (%)	2190	73.91	1.070	73.41	1.031	0.4150	103	0.48	005.05	0
005	Ash (%)	0689	73.97	0.6000	73.41	1.031	0.4150	103	0.54	005.05	0

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005	Ash (%)	2076	74.02	0.6700	73.41	1.031	0.4150	103	0.58	005.00	0
005	Ash (%)	1019	74.04	0.1300	73.41	1.031	0.4150	103	0.60	005.00	0
005	Ash (%)	0590	74.05	0.7000	73.41	1.031	0.4150	103	0.62	005.05	0
005	Ash (%)	0034	74.06	0.7465	73.41	1.031	0.4150	103	0.63	005.05	0
005	Ash (%)	0242	74.07	0.7500	73.41	1.031	0.4150	103	0.63	005.00	0
005	Ash (%)	0914	74.13	0.2300	73.41	1.031	0.4150	103	0.69	005.99	0
005	Ash (%)	2268	74.13	1.100	73.41	1.031	0.4150	103	0.69	005.00	0
005	Ash (%)	0297	74.18	0.0400	73.41	1.031	0.4150	103	0.74	005.00	0
005	Ash (%)	2326	74.19	0.8700	73.41	1.031	0.4150	103	0.75	005.00	0
005	Ash (%)	0619	74.20	1.200	73.41	1.031	0.4150	103	0.76	005.05	0
005	Ash (%)	0610	74.25	0.5000	73.41	1.031	0.4150	103	0.81	005.05	0
005	Ash (%)	2246	74.26	0.0400	73.41	1.031	0.4150	103	0.82	005.05	0
005	Ash (%)	0693	74.31	1.252	73.41	1.031	0.4150	103	0.87	005.00	0
005	Ash (%)	2009	74.37	0.0624	73.41	1.031	0.4150	103	0.92	005.05	0
005	Ash (%)	0226	74.39	0.1100	73.41	1.031	0.4150	103	0.94	005.00	0
005	Ash (%)	0941	74.40	0.4400	73.41	1.031	0.4150	103	0.96	005.05	0
005	Ash (%)	2319	74.40	0.2000	73.41	1.031	0.4150	103	0.96	005.99	0
005	Ash (%)	2089	74.48	0.1500	73.41	1.031	0.4150	103	1.03	005.00	0
005	Ash (%)	0510	74.51	0.0500	73.41	1.031	0.4150	103	1.06	005.00	0
005	Ash (%)	2433	74.52	0.7004	73.41	1.031	0.4150	103	1.07	005.00	0
005	Ash (%)	2144	74.66	0.2500	73.41	1.031	0.4150	103	1.20	005.05	0
005	Ash (%)	0108	74.69	0.5600	73.41	1.031	0.4150	103	1.24	005.00	0
005	Ash (%)	0939	74.70	0.5600	73.41	1.031	0.4150	103	1.25	005.05	0
005	Ash (%)	0529	74.76	0.0300	73.41	1.031	0.4150	103	1.30	005.00	0
005	Ash (%)	0880	75.10	0.1600	73.41	1.031	0.4150	103	1.64	005.00	0
005	Ash (%)	0596	75.30	0.2000	73.41	1.031	0.4150	103	1.83	005.05	0
005	Ash (%)	0047	75.40	0.8000	73.41	1.031	0.4150	103	1.93	005.00	0
005	Ash (%)	2129	75.89	0.4279	73.41	1.031	0.4150	103	2.40	005.05	0
005	Ash (%)	0682	76.06	0.0000	73.41	1.031	0.4150	103	2.57	005.00	0
005	Ash (%)	0345	77.61	0.3800	73.41	1.031	0.4150	103	4.07	005.00	0
005	Ash (%)	0539	39.32	63.03	73.41	1.031	0.4150	103	-33.07	005.00	1
005	Ash (%)	0964	8.011	0.1460	73.41	1.031	0.4150	103	-63.44	005.00	2
006	Total Sugars (%)	0407	5.520	0.4000				2		006.00	0
006	Total Sugars (%)	0956	6.250	0.7000				2		006.99	0
008	Fiber, Acid Detergent (%)	0870	3.101	0.0008	4.268	0.8955	0.3146	14	-1.30	008.08	0
008	Fiber, Acid Detergent (%)	0049	3.175	0.4700	4.268	0.8955	0.3146	14	-1.22	008.08	0
008	Fiber, Acid Detergent (%)	0297	3.500	0.2000	4.268	0.8955	0.3146	14	-0.86	008.08	0
008	Fiber, Acid Detergent (%)	0889	3.505	0.1700	4.268	0.8955	0.3146	14	-0.85	008.08	0
008	Fiber, Acid Detergent (%)	2302	3.970	0.0600	4.268	0.8955	0.3146	14	-0.33	008.08	0
008	Fiber, Acid Detergent (%)	0358	4.060	0.7200	4.268	0.8955	0.3146	14	-0.23	008.08	0
008	Fiber, Acid Detergent (%)	0148	4.140	0.6400	4.268	0.8955	0.3146	14	-0.14	008.08	0
008	Fiber, Acid Detergent (%)	0407	4.228	0.0401	4.268	0.8955	0.3146	14	-0.05	008.08	0

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008	Fiber, Acid Detergent (%)	0504	4.350	0.8600	4.268	0.8955	0.3146	14	0.09	008.08	0
008	Fiber, Acid Detergent (%)	0098	4.850	0.0800	4.268	0.8955	0.3146	14	0.65	008.02	0
008	Fiber, Acid Detergent (%)	0148	4.895	0.0300	4.268	0.8955	0.3146	14	0.70	008.02	0
008	Fiber, Acid Detergent (%)	0164	5.150	0.1000	4.268	0.8955	0.3146	14	0.98	008.08	0
008	Fiber, Acid Detergent (%)	0037	5.220	0.3000	4.268	0.8955	0.3146	14	1.06	008.08	0
008	Fiber, Acid Detergent (%)	0964	18.77	0.7580	4.268	0.8955	0.3146	14	16.20	008.02	0
008	Fiber, Acid Detergent (%)	2433	30.58	2.370	4.268	0.8955	0.3146	14	29.38	008.08	1
009	Fiber, Neutral Detergent (%)	0870	7.195	0.0599	11.63	4.300	0.5567	14	-1.03	009.09	0
009	Fiber, Neutral Detergent (%)	0358	8.090	0.6200	11.63	4.300	0.5567	14	-0.82	009.09	0
009	Fiber, Neutral Detergent (%)	2302	8.330	0.5000	11.63	4.300	0.5567	14	-0.77	009.09	0
009	Fiber, Neutral Detergent (%)	0049	8.355	0.3900	11.63	4.300	0.5567	14	-0.76	009.09	0
009	Fiber, Neutral Detergent (%)	0504	8.880	0.1200	11.63	4.300	0.5567	14	-0.64	009.09	0
009	Fiber, Neutral Detergent (%)	0148	10.18	0.6200	11.63	4.300	0.5567	14	-0.34	009.09	0
009	Fiber, Neutral Detergent (%)	0407	10.25	1.421	11.63	4.300	0.5567	14	-0.32	009.09	0
009	Fiber, Neutral Detergent (%)	0598	10.62	0.9400	11.63	4.300	0.5567	14	-0.23	009.09	0
009	Fiber, Neutral Detergent (%)	0889	10.70	0.1750	11.63	4.300	0.5567	14	-0.22	009.99	0
009	Fiber, Neutral Detergent (%)	2433	13.33	0.3983	11.63	4.300	0.5567	14	0.40	009.09	0
009	Fiber, Neutral Detergent (%)	0037	13.62	0.4200	11.63	4.300	0.5567	14	0.46	009.09	0
009	Fiber, Neutral Detergent (%)	0889	17.08	1.670	11.63	4.300	0.5567	14	1.27	009.09	0
009	Fiber, Neutral Detergent (%)	0964	25.11	0.9240	11.63	4.300	0.5567	14	3.14	009.07	0
009	Fiber, Neutral Detergent (%)	0297	26.90	0.2000	11.63	4.300	0.5567	14	3.55	009.09	0
009	Fiber, Neutral Detergent (%)	0098	28.75	3.900	11.63	4.300	0.5567	14	3.98	009.07	1
010	Moisture (%)	0019	1.830	0.1200	2.566	0.5638	0.1106	15	-1.31	010.99	0
010	Moisture (%)	2089	2.095	0.0100	2.566	0.5638	0.1106	15	-0.84	010.99	0
010	Moisture (%)	0726	2.115	0.0100	2.566	0.5638	0.1106	15	-0.80	010.99	0
010	Moisture (%)	0622	2.116	0.0138	2.566	0.5638	0.1106	15	-0.80	010.99	0
010	Moisture (%)	0948	2.205	0.0100	2.566	0.5638	0.1106	15	-0.64	010.99	0
010	Moisture (%)	0939	2.220	0.1600	2.566	0.5638	0.1106	15	-0.61	010.99	0
010	Moisture (%)	2375	2.260	0.0200	2.566	0.5638	0.1106	15	-0.54	010.99	0
010	Moisture (%)	2129	2.606	0.2272	2.566	0.5638	0.1106	15	0.07	010.99	0
010	Moisture (%)	2150	2.620	0.4000	2.566	0.5638	0.1106	15	0.10	010.99	0
010	Moisture (%)	2076	2.770	0.0600	2.566	0.5638	0.1106	15	0.36	010.99	0
010	Moisture (%)	0692	2.795	0.4500	2.566	0.5638	0.1106	15	0.41	010.99	0
010	Moisture (%)	0843	2.945	0.1700	2.566	0.5638	0.1106	15	0.67	010.03	0
010	Moisture (%)	0164	3.090	0.0800	2.566	0.5638	0.1106	15	0.93	010.03	0
010	Moisture (%)	0852	3.510	0.1200	2.566	0.5638	0.1106	15	1.67	010.99	0
010	Moisture (%)	0889	6.780	0.1200	2.566	0.5638	0.1106	15	7.47	010.11	0
010	Moisture (%)	0852	3.295	0.8700	2.566	0.5638	0.1106	15	1.29	010.11	1
011	Loss on Drying, HT (%)	0880	1.830	0.0200	3.572	0.3842	0.1098	50	-4.53	011.01	0
011	Loss on Drying, HT (%)	1019	1.980	0.0600	3.572	0.3842	0.1098	50	-4.14	011.01	0
011	Loss on Drying, HT (%)	0108	2.810	0.3000	3.572	0.3842	0.1098	50	-1.98	011.01	0
011	Loss on Drying, HT (%)	2200	2.950	0.1000	3.572	0.3842	0.1098	50	-1.62	011.01	0



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011	Loss on Drying, HT (%)	0098	2.955	0.0100	3.572	0.3842	0.1098	50	-1.61	011.01	0
011	Loss on Drying, HT (%)	0685	3.000	0.1600	3.572	0.3842	0.1098	50	-1.49	011.01	0
011	Loss on Drying, HT (%)	2199	3.140	0.4800	3.572	0.3842	0.1098	50	-1.12	011.01	0
011	Loss on Drying, HT (%)	2268	3.245	0.0500	3.572	0.3842	0.1098	50	-0.85	011.01	0
011	Loss on Drying, HT (%)	0953	3.255	0.0500	3.572	0.3842	0.1098	50	-0.82	011.01	0
011	Loss on Drying, HT (%)	0646	3.265	0.0900	3.572	0.3842	0.1098	50	-0.80	011.01	0
011	Loss on Drying, HT (%)	2359	3.300	0.4000	3.572	0.3842	0.1098	50	-0.71	011.01	0
011	Loss on Drying, HT (%)	2196	3.330	0.0000	3.572	0.3842	0.1098	50	-0.63	011.01	0
011	Loss on Drying, HT (%)	0942	3.365	0.0500	3.572	0.3842	0.1098	50	-0.54	011.02	0
011	Loss on Drying, HT (%)	0682	3.370	0.0000	3.572	0.3842	0.1098	50	-0.53	011.01	0
011	Loss on Drying, HT (%)	0848	3.375	0.1300	3.572	0.3842	0.1098	50	-0.51	011.01	0
011	Loss on Drying, HT (%)	0226	3.390	0.0200	3.572	0.3842	0.1098	50	-0.47	011.01	0
011	Loss on Drying, HT (%)	0870	3.400	0.0343	3.572	0.3842	0.1098	50	-0.45	011.01	0
011	Loss on Drying, HT (%)	2434	3.410	0.0000	3.572	0.3842	0.1098	50	-0.42	011.01	0
011	Loss on Drying, HT (%)	0171	3.435	0.0500	3.572	0.3842	0.1098	50	-0.36	011.01	0
011	Loss on Drying, HT (%)	0968	3.465	0.0300	3.572	0.3842	0.1098	50	-0.28	011.01	0
011	Loss on Drying, HT (%)	0529	3.490	0.1000	3.572	0.3842	0.1098	50	-0.21	011.02	0
011	Loss on Drying, HT (%)	0541	3.510	0.0800	3.572	0.3842	0.1098	50	-0.16	011.01	0
011	Loss on Drying, HT (%)	2184	3.510	0.1800	3.572	0.3842	0.1098	50	-0.16	011.01	0
011	Loss on Drying, HT (%)	0852	3.515	0.1100	3.572	0.3842	0.1098	50	-0.15	011.99	0
011	Loss on Drying, HT (%)	0674	3.530	0.0000	3.572	0.3842	0.1098	50	-0.11	011.01	0
011	Loss on Drying, HT (%)	0242	3.575	0.0500	3.572	0.3842	0.1098	50	0.01	011.01	0
011	Loss on Drying, HT (%)	0066	3.595	0.0700	3.572	0.3842	0.1098	50	0.06	011.01	0
011	Loss on Drying, HT (%)	0622	3.625	0.0942	3.572	0.3842	0.1098	50	0.14	011.01	0
011	Loss on Drying, HT (%)	2302	3.675	0.0100	3.572	0.3842	0.1098	50	0.27	011.01	0
011	Loss on Drying, HT (%)	2433	3.681	0.0877	3.572	0.3842	0.1098	50	0.28	011.01	0
011	Loss on Drying, HT (%)	2181	3.700	0.0400	3.572	0.3842	0.1098	50	0.33	011.01	0
011	Loss on Drying, HT (%)	0144	3.705	0.1900	3.572	0.3842	0.1098	50	0.35	011.01	0
011	Loss on Drying, HT (%)	0539	3.715	0.0300	3.572	0.3842	0.1098	50	0.37	011.01	0
011	Loss on Drying, HT (%)	0574	3.775	0.1700	3.572	0.3842	0.1098	50	0.53	011.01	0
011	Loss on Drying, HT (%)	0511	3.820	0.6000	3.572	0.3842	0.1098	50	0.65	011.01	0
011	Loss on Drying, HT (%)	0004	3.830	0.0200	3.572	0.3842	0.1098	50	0.67	011.01	0
011	Loss on Drying, HT (%)	0589	3.835	0.0100	3.572	0.3842	0.1098	50	0.68	011.01	0
011	Loss on Drying, HT (%)	0563	3.843	0.0800	3.572	0.3842	0.1098	50	0.71	011.01	0
011	Loss on Drying, HT (%)	2397	3.845	0.0300	3.572	0.3842	0.1098	50	0.71	011.01	0
011	Loss on Drying, HT (%)	0643	3.847	0.0040	3.572	0.3842	0.1098	50	0.72	011.01	0
011	Loss on Drying, HT (%)	0047	3.850	0.7000	3.572	0.3842	0.1098	50	0.72	011.01	0
011	Loss on Drying, HT (%)	2188	3.885	0.0500	3.572	0.3842	0.1098	50	0.81	011.01	0
011	Loss on Drying, HT (%)	0229	3.910	0.0800	3.572	0.3842	0.1098	50	0.88	011.01	0
011	Loss on Drying, HT (%)	2326	3.930	0.6600	3.572	0.3842	0.1098	50	0.93	011.01	0
011	Loss on Drying, HT (%)	0202	3.935	0.2500	3.572	0.3842	0.1098	50	0.95	011.01	0
011	Loss on Drying, HT (%)	0164	4.170	0.2400	3.572	0.3842	0.1098	50	1.56	011.01	0

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011	Loss on Drying, HT (%)	0358	4.170	0.0600	3.572	0.3842	0.1098	50	1.56	011.01	0
011	Loss on Drying, HT (%)	0843	4.375	0.8100	3.572	0.3842	0.1098	50	2.09	011.01	0
011	Loss on Drying, HT (%)	2006	4.390	0.5200	3.572	0.3842	0.1098	50	2.13	011.01	0
011	Loss on Drying, HT (%)	0407	4.419	0.0082	3.572	0.3842	0.1098	50	2.21	011.01	0
011	Loss on Drying, HT (%)	0852	5.525	1.070	3.572	0.3842	0.1098	50	5.08	011.01	1
011	Loss on Drying, HT (%)	0852	5.525	1.070	3.572	0.3842	0.1098	50	5.08	011.02	1
011	Loss on Drying, HT (%)	0598	9.915	0.4700	3.572	0.3842	0.1098	50	16.51	011.01	2
012	Starch (%)	0407	0.1979	0.0717	0.7628	0.4896	0.0588	7	-1.15	012.01	0
012	Starch (%)	0870	0.4772	0.0221	0.7628	0.4896	0.0588	7	-0.58	012.01	0
012	Starch (%)	0407	0.5574	0.0091	0.7628	0.4896	0.0588	7	-0.42	012.03	0
012	Starch (%)	0098	0.7300	0.0000	0.7628	0.4896	0.0588	7	-0.07	012.04	0
012	Starch (%)	0164	0.7500	0.1000	0.7628	0.4896	0.0588	7	-0.03	012.01	0
012	Starch (%)	0148	1.130	0.0200	0.7628	0.4896	0.0588	7	0.75	012.01	0
012	Starch (%)	2006	1.555	0.1300	0.7628	0.4896	0.0588	7	1.62	012.00	0
012	Starch (%)	0297	1.445	0.3100	0.7628	0.4896	0.0588	7	1.39	012.03	1
012	Starch (%)	0956	< 0.5		0.7628	0.4896	0.0588	7		012.01	5
012	Starch (%)	0164	< 1		0.7628	0.4896	0.0588	7		012.00	5
013	Fat, Pretreat (%)	2433	0.9621	0.0454	3.204	0.8308	0.2521	15	-2.70	013.13	0
013	Fat, Pretreat (%)	0297	2.130	0.0000	3.204	0.8308	0.2521	15	-1.29	013.00	0
013	Fat, Pretreat (%)	0843	2.460	0.4800	3.204	0.8308	0.2521	15	-0.90	013.13	0
013	Fat, Pretreat (%)	2268	2.620	0.0600	3.204	0.8308	0.2521	15	-0.70	013.10	0
013	Fat, Pretreat (%)	0164	2.760	0.0000	3.204	0.8308	0.2521	15	-0.53	013.02	0
013	Fat, Pretreat (%)	0682	2.830	0.0000	3.204	0.8308	0.2521	15	-0.45	013.02	0
013	Fat, Pretreat (%)	0870	3.253	0.1856	3.204	0.8308	0.2521	15	0.06	013.02	0
013	Fat, Pretreat (%)	0202	3.415	0.4300	3.204	0.8308	0.2521	15	0.25	013.00	0
013	Fat, Pretreat (%)	0148	3.415	0.2700	3.204	0.8308	0.2521	15	0.25	013.02	0
013	Fat, Pretreat (%)	0914	3.520	0.1800	3.204	0.8308	0.2521	15	0.38	013.02	0
013	Fat, Pretreat (%)	0541	3.560	0.2400	3.204	0.8308	0.2521	15	0.43	013.00	0
013	Fat, Pretreat (%)	0098	3.635	0.0700	3.204	0.8308	0.2521	15	0.52	013.02	0
013	Fat, Pretreat (%)	2076	3.750	0.5000	3.204	0.8308	0.2521	15	0.66	013.00	0
013	Fat, Pretreat (%)	0407	4.309	0.1942	3.204	0.8308	0.2521	15	1.33	013.13	0
013	Fat, Pretreat (%)	0407	4.665	0.3700	3.204	0.8308	0.2521	15	1.76	013.02	0
015	Aluminum (ppm)	0964	502.5	9.000	805.5	243.1	24.21	16	-1.25	015.41	0
015	Aluminum (ppm)	0964	521.5	23.00	805.5	243.1	24.21	16	-1.17	015.43	0
015	Aluminum (ppm)	0049	572.6	9.480	805.5	243.1	24.21	16	-0.96	015.41	0
015	Aluminum (ppm)	0037	655.5	5.800	805.5	243.1	24.21	16	-0.62	015.42	0
015	Aluminum (ppm)	0169	664.5	15.00	805.5	243.1	24.21	16	-0.58	015.43	0
015	Aluminum (ppm)	0123	702.0	4.000	805.5	243.1	24.21	16	-0.43	015.99	0
015	Aluminum (ppm)	0353	723.0	48.00	805.5	243.1	24.21	16	-0.34	015.43	0
015	Aluminum (ppm)	0164	752.5	79.00	805.5	243.1	24.21	16	-0.22	015.41	0
015	Aluminum (ppm)	0407	759.6	0.7278	805.5	243.1	24.21	16	-0.19	015.43	0
015	Aluminum (ppm)	0407	802.7	19.96	805.5	243.1	24.21	16	-0.01	015.41	0

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015	Aluminum (ppm)	0186	926.5	47.00	805.5	243.1	24.21	16	0.50	015.52	0
015	Aluminum (ppm)	0297	935.5	17.00	805.5	243.1	24.21	16	0.53	015.43	0
015	Aluminum (ppm)	0407	936.6	116.5	805.5	243.1	24.21	16	0.54	015.53	0
015	Aluminum (ppm)	0939	1,094	55.00	805.5	243.1	24.21	16	1.18	015.53	0
015	Aluminum (ppm)	2129	1,283	6.000	805.5	243.1	24.21	16	1.96	015.42	0
015	Aluminum (ppm)	0226	1,658	1.500	805.5	243.1	24.21	16	3.51	015.43	0
015	Aluminum (ppm)	0208	985.0	170.0	805.5	243.1	24.21	16	0.74	015.41	1
015	Aluminum (ppm)	0692	< 1		805.5	243.1	24.21	16		015.42	5
017	Boron (ppm)	0358	12.49	0.5300	15.07	2.194	0.5516	15	-1.18	017.41	0
017	Boron (ppm)	0407	12.61	0.2485	15.07	2.194	0.5516	15	-1.12	017.53	0
017	Boron (ppm)	2129	12.63	0.5900	15.07	2.194	0.5516	15	-1.11	017.42	0
017	Boron (ppm)	2055	13.75	0.3000	15.07	2.194	0.5516	15	-0.60	017.43	0
017	Boron (ppm)	0049	13.77	1.070	15.07	2.194	0.5516	15	-0.59	017.41	0
017	Boron (ppm)	0123	13.80	0.2000	15.07	2.194	0.5516	15	-0.58	017.99	0
017	Boron (ppm)	0037	14.35	0.3000	15.07	2.194	0.5516	15	-0.33	017.42	0
017	Boron (ppm)	0407	15.45	0.8311	15.07	2.194	0.5516	15	0.17	017.41	0
017	Boron (ppm)	0693	15.54	0.1370	15.07	2.194	0.5516	15	0.22	017.42	0
017	Boron (ppm)	0407	15.94	0.4255	15.07	2.194	0.5516	15	0.40	017.43	0
017	Boron (ppm)	0226	15.96	0.4900	15.07	2.194	0.5516	15	0.41	017.43	0
017	Boron (ppm)	0510	16.00	0.0000	15.07	2.194	0.5516	15	0.43	017.43	0
017	Boron (ppm)	0353	17.00	1.000	15.07	2.194	0.5516	15	0.88	017.43	0
017	Boron (ppm)	0345	18.41	0.6100	15.07	2.194	0.5516	15	1.52	017.43	0
017	Boron (ppm)	0083	22.11	0.9900	15.07	2.194	0.5516	15	3.21	017.43	0
017	Boron (ppm)	0297	0.0000	0.0000	15.07	2.194	0.5516	15		017.43	4
019	Calcium (%)	0964	0.2466	0.0020	12.43	0.8095	0.3209	121	-15.05	019.43	0
019	Calcium (%)	0964	0.2568	0.0061	12.43	0.8095	0.3209	121	-15.04	019.41	0
019	Calcium (%)	0353	7.025	0.2700	12.43	0.8095	0.3209	121	-6.68	019.43	0
019	Calcium (%)	0598	10.38	0.0050	12.43	0.8095	0.3209	121	-2.53	019.41	0
019	Calcium (%)	0870	10.69	0.2200	12.43	0.8095	0.3209	121	-2.15	019.43	0
019	Calcium (%)	0226	10.83	0.2900	12.43	0.8095	0.3209	121	-1.98	019.43	0
019	Calcium (%)	0510	10.88	0.2200	12.43	0.8095	0.3209	121	-1.91	019.43	0
019	Calcium (%)	0018	10.89	0.8600	12.43	0.8095	0.3209	121	-1.90	019.31	0
019	Calcium (%)	0297	11.07	0.2100	12.43	0.8095	0.3209	121	-1.68	019.43	0
019	Calcium (%)	0651	11.11	0.1556	12.43	0.8095	0.3209	121	-1.62	019.31	0
019	Calcium (%)	0202	11.15	0.1000	12.43	0.8095	0.3209	121	-1.58	019.43	0
019	Calcium (%)	2200	11.21	0.1800	12.43	0.8095	0.3209	121	-1.51	019.08	0
019	Calcium (%)	0676	11.24	0.0500	12.43	0.8095	0.3209	121	-1.47	019.99	0
019	Calcium (%)	0026	11.30	0.5490	12.43	0.8095	0.3209	121	-1.40	019.42	0
019	Calcium (%)	0074	11.31	0.4100	12.43	0.8095	0.3209	121	-1.39	019.41	0
019	Calcium (%)	0358	11.48	1.060	12.43	0.8095	0.3209	121	-1.17	019.41	0
019	Calcium (%)	0354	11.49	0.0000	12.43	0.8095	0.3209	121	-1.16	019.43	0
019	Calcium (%)	0685	11.54	0.1200	12.43	0.8095	0.3209	121	-1.10	019.41	0

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019	Calcium (%)	0407	11.58	0.6475	12.43	0.8095	0.3209	121	-1.05	019.53	0
019	Calcium (%)	2259	11.59	0.5300	12.43	0.8095	0.3209	121	-1.04	019.41	0
019	Calcium (%)	0042	11.60	0.0000	12.43	0.8095	0.3209	121	-1.02	019.42	0
019	Calcium (%)	0035	11.64	0.1800	12.43	0.8095	0.3209	121	-0.97	019.43	0
019	Calcium (%)	0357	11.67	0.1281	12.43	0.8095	0.3209	121	-0.93	019.42	0
019	Calcium (%)	2199	11.84	0.3200	12.43	0.8095	0.3209	121	-0.73	019.08	0
019	Calcium (%)	0511	11.88	0.6000	12.43	0.8095	0.3209	121	-0.68	019.43	0
019	Calcium (%)	0144	11.90	0.0000	12.43	0.8095	0.3209	121	-0.65	019.41	0
019	Calcium (%)	0622	11.92	0.0589	12.43	0.8095	0.3209	121	-0.63	019.31	0
019	Calcium (%)	0876	11.95	0.1000	12.43	0.8095	0.3209	121	-0.59	019.43	0
019	Calcium (%)	0148	11.97	0.1690	12.43	0.8095	0.3209	121	-0.57	019.41	0
019	Calcium (%)	0066	11.99	0.2800	12.43	0.8095	0.3209	121	-0.54	019.41	0
019	Calcium (%)	0036	12.01	0.1348	12.43	0.8095	0.3209	121	-0.51	019.43	0
019	Calcium (%)	2246	12.04	0.0100	12.43	0.8095	0.3209	121	-0.49	019.31	0
019	Calcium (%)	0047	12.05	0.4900	12.43	0.8095	0.3209	121	-0.47	019.52	0
019	Calcium (%)	0693	12.05	0.9460	12.43	0.8095	0.3209	121	-0.47	019.42	0
019	Calcium (%)	0038	12.05	0.7000	12.43	0.8095	0.3209	121	-0.47	019.31	0
019	Calcium (%)	0366	12.05	0.1000	12.43	0.8095	0.3209	121	-0.47	019.42	0
019	Calcium (%)	0968	12.05	0.0730	12.43	0.8095	0.3209	121	-0.47	019.43	0
019	Calcium (%)	0242	12.06	0.1500	12.43	0.8095	0.3209	121	-0.46	019.99	0
019	Calcium (%)	0098	12.08	0.2100	12.43	0.8095	0.3209	121	-0.44	019.41	0
019	Calcium (%)	0100	12.09	0.7300	12.43	0.8095	0.3209	121	-0.42	019.99	0
019	Calcium (%)	0674	12.15	0.0000	12.43	0.8095	0.3209	121	-0.34	019.41	0
019	Calcium (%)	0910	12.16	1.190	12.43	0.8095	0.3209	121	-0.34	019.41	0
019	Calcium (%)	2325	12.17	0.0300	12.43	0.8095	0.3209	121	-0.33	019.31	0
019	Calcium (%)	0263	12.20	0.0860	12.43	0.8095	0.3209	121	-0.28	019.42	0
019	Calcium (%)	0009	12.20	0.8630	12.43	0.8095	0.3209	121	-0.28	019.42	0
019	Calcium (%)	0689	12.22	0.5200	12.43	0.8095	0.3209	121	-0.26	019.08	0
019	Calcium (%)	0083	12.23	0.1100	12.43	0.8095	0.3209	121	-0.25	019.43	0
019	Calcium (%)	0037	12.23	0.0430	12.43	0.8095	0.3209	121	-0.24	019.42	0
019	Calcium (%)	0017	12.25	0.0671	12.43	0.8095	0.3209	121	-0.22	019.43	0
019	Calcium (%)	0039	12.27	1.530	12.43	0.8095	0.3209	121	-0.20	019.44	0
019	Calcium (%)	0169	12.30	0.4000	12.43	0.8095	0.3209	121	-0.16	019.32	0
019	Calcium (%)	0013	12.30	0.2000	12.43	0.8095	0.3209	121	-0.16	019.43	0
019	Calcium (%)	0610	12.30	0.2000	12.43	0.8095	0.3209	121	-0.16	019.43	0
019	Calcium (%)	0505	12.31	0.1600	12.43	0.8095	0.3209	121	-0.15	019.43	0
019	Calcium (%)	0504	12.31	0.4530	12.43	0.8095	0.3209	121	-0.14	019.42	0
019	Calcium (%)	2006	12.32	0.0680	12.43	0.8095	0.3209	121	-0.14	019.00	0
019	Calcium (%)	0171	12.35	0.4300	12.43	0.8095	0.3209	121	-0.10	019.41	0
019	Calcium (%)	0619	12.35	0.1000	12.43	0.8095	0.3209	121	-0.10	019.41	0
019	Calcium (%)	0675	12.35	0.2600	12.43	0.8095	0.3209	121	-0.10	019.43	0
019	Calcium (%)	0590	12.39	0.0200	12.43	0.8095	0.3209	121	-0.05	019.08	0

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019	Calcium (%)	2022	12.47	0.6300	12.43	0.8095	0.3209	121	0.04	019.33	0
019	Calcium (%)	2114	12.48	0.1670	12.43	0.8095	0.3209	121	0.07	019.44	0
019	Calcium (%)	2089	12.49	0.0400	12.43	0.8095	0.3209	121	0.08	019.43	0
019	Calcium (%)	0045	12.50	0.6000	12.43	0.8095	0.3209	121	0.09	019.42	0
019	Calcium (%)	0229	12.51	0.5800	12.43	0.8095	0.3209	121	0.10	019.41	0
019	Calcium (%)	0939	12.53	0.4100	12.43	0.8095	0.3209	121	0.12	019.53	0
019	Calcium (%)	2433	12.53	0.4778	12.43	0.8095	0.3209	121	0.13	019.42	0
019	Calcium (%)	2146	12.57	0.2200	12.43	0.8095	0.3209	121	0.17	019.52	0
019	Calcium (%)	0019	12.59	0.2300	12.43	0.8095	0.3209	121	0.19	019.41	0
019	Calcium (%)	0885	12.59	0.1278	12.43	0.8095	0.3209	121	0.19	019.08	0
019	Calcium (%)	2146	12.60	0.5300	12.43	0.8095	0.3209	121	0.21	019.32	0
019	Calcium (%)	2006	12.61	0.4640	12.43	0.8095	0.3209	121	0.22	019.09	0
019	Calcium (%)	0939	12.62	0.2300	12.43	0.8095	0.3209	121	0.23	019.31	0
019	Calcium (%)	0049	12.65	0.8100	12.43	0.8095	0.3209	121	0.27	019.41	0
019	Calcium (%)	0010	12.67	0.2400	12.43	0.8095	0.3209	121	0.30	019.43	0
019	Calcium (%)	2276	12.71	0.6274	12.43	0.8095	0.3209	121	0.34	019.43	0
019	Calcium (%)	0536	12.74	0.1800	12.43	0.8095	0.3209	121	0.38	019.31	0
019	Calcium (%)	2181	12.80	0.1900	12.43	0.8095	0.3209	121	0.45	019.00	0
019	Calcium (%)	0164	12.80	0.0000	12.43	0.8095	0.3209	121	0.46	019.44	0
019	Calcium (%)	0001	12.81	0.0800	12.43	0.8095	0.3209	121	0.47	019.31	0
019	Calcium (%)	0870	12.82	0.5700	12.43	0.8095	0.3209	121	0.48	019.42	0
019	Calcium (%)	0098	12.83	0.2100	12.43	0.8095	0.3209	121	0.49	019.43	0
019	Calcium (%)	0123	12.85	0.5000	12.43	0.8095	0.3209	121	0.52	019.99	0
019	Calcium (%)	0948	12.86	0.0300	12.43	0.8095	0.3209	121	0.53	019.31	0
019	Calcium (%)	2445	12.86	0.1300	12.43	0.8095	0.3209	121	0.53	019.44	0
019	Calcium (%)	2302	12.86	0.0000	12.43	0.8095	0.3209	121	0.53	019.00	0
019	Calcium (%)	2193	12.87	0.3400	12.43	0.8095	0.3209	121	0.55	019.08	0
019	Calcium (%)	0407	12.89	1.193	12.43	0.8095	0.3209	121	0.57	019.43	0
019	Calcium (%)	0884	12.89	0.2400	12.43	0.8095	0.3209	121	0.57	019.31	0
019	Calcium (%)	2009	12.89	0.0045	12.43	0.8095	0.3209	121	0.58	019.08	0
019	Calcium (%)	0590	12.90	0.2000	12.43	0.8095	0.3209	121	0.58	019.99	0
019	Calcium (%)	0027	12.94	0.0540	12.43	0.8095	0.3209	121	0.63	019.43	0
019	Calcium (%)	0563	12.95	0.8849	12.43	0.8095	0.3209	121	0.64	019.31	0
019	Calcium (%)	2190	12.95	0.0663	12.43	0.8095	0.3209	121	0.64	019.00	0
019	Calcium (%)	2319	12.95	0.1000	12.43	0.8095	0.3209	121	0.64	019.42	0
019	Calcium (%)	2196	12.98	0.0000	12.43	0.8095	0.3209	121	0.68	019.31	0
019	Calcium (%)	2326	13.00	0.0000	12.43	0.8095	0.3209	121	0.71	019.43	0
019	Calcium (%)	0345	13.01	0.1500	12.43	0.8095	0.3209	121	0.71	019.43	0
019	Calcium (%)	2129	13.02	0.3800	12.43	0.8095	0.3209	121	0.73	019.42	0
019	Calcium (%)	0889	13.07	0.4600	12.43	0.8095	0.3209	121	0.79	019.99	0
019	Calcium (%)	0407	13.13	0.3967	12.43	0.8095	0.3209	121	0.86	019.41	0
019	Calcium (%)	0004	13.14	1.220	12.43	0.8095	0.3209	121	0.88	019.41	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
019	Calcium (%)	0028	13.19	0.7700	12.43	0.8095	0.3209	121	0.93	019.43	0
019	Calcium (%)	0941	13.21	0.2700	12.43	0.8095	0.3209	121	0.96	019.43	0
019	Calcium (%)	2055	13.21	0.7851	12.43	0.8095	0.3209	121	0.97	019.43	0
019	Calcium (%)	2196	13.24	0.0000	12.43	0.8095	0.3209	121	1.00	019.08	0
019	Calcium (%)	2392	13.26	0.0750	12.43	0.8095	0.3209	121	1.03	019.09	0
019	Calcium (%)	0529	13.31	0.0600	12.43	0.8095	0.3209	121	1.09	019.31	0
019	Calcium (%)	0038	13.60	1.400	12.43	0.8095	0.3209	121	1.45	019.43	0
019	Calcium (%)	0646	13.67	0.3900	12.43	0.8095	0.3209	121	1.53	019.31	0
019	Calcium (%)	0596	13.79	0.1600	12.43	0.8095	0.3209	121	1.68	019.31	0
019	Calcium (%)	0226	13.81	0.2100	12.43	0.8095	0.3209	121	1.70	019.41	0
019	Calcium (%)	0278	13.82	0.4400	12.43	0.8095	0.3209	121	1.72	019.42	0
019	Calcium (%)	0682	13.97	0.0000	12.43	0.8095	0.3209	121	1.90	019.43	0
019	Calcium (%)	0413	14.00	1.000	12.43	0.8095	0.3209	121	1.94	019.42	0
019	Calcium (%)	2375	14.30	1.200	12.43	0.8095	0.3209	121	2.31	019.42	0
019	Calcium (%)	0726	14.41	0.5400	12.43	0.8095	0.3209	121	2.45	019.42	0
019	Calcium (%)	2188	15.41	0.1200	12.43	0.8095	0.3209	121	3.68	019.08	0
019	Calcium (%)	0108	16.50	0.4900	12.43	0.8095	0.3209	121	5.02	019.31	0
019	Calcium (%)	2434	20.21	0.0000	12.43	0.8095	0.3209	121	9.61	019.08	0
019	Calcium (%)	0848	21.77	0.0200	12.43	0.8095	0.3209	121	11.54	019.43	0
019	Calcium (%)	0692	14.72	1.840	12.43	0.8095	0.3209	121	2.83	019.42	1
021	Cobalt (ppm)	0964	9.040	0.6400	97.59	24.89	2.392	35	-3.56	021.43	0
021	Cobalt (ppm)	0964	10.23	0.5500	97.59	24.89	2.392	35	-3.51	021.41	0
021	Cobalt (ppm)	0047	51.73	0.4900	97.59	24.89	2.392	35	-1.84	021.52	0
021	Cobalt (ppm)	0066	59.61	1.590	97.59	24.89	2.392	35	-1.53	021.41	0
021	Cobalt (ppm)	0169	66.30	0.6000	97.59	24.89	2.392	35	-1.26	021.43	0
021	Cobalt (ppm)	0693	72.02	16.29	97.59	24.89	2.392	35	-1.03	021.42	0
021	Cobalt (ppm)	0407	74.20	0.3294	97.59	24.89	2.392	35	-0.94	021.43	0
021	Cobalt (ppm)	0123	79.55	1.300	97.59	24.89	2.392	35	-0.72	021.99	0
021	Cobalt (ppm)	0160	84.30	3.200	97.59	24.89	2.392	35	-0.53	021.42	0
021	Cobalt (ppm)	0042	85.15	1.900	97.59	24.89	2.392	35	-0.50	021.42	0
021	Cobalt (ppm)	2433	85.97	0.9080	97.59	24.89	2.392	35	-0.47	021.42	0
021	Cobalt (ppm)	0297	91.50	1.000	97.59	24.89	2.392	35	-0.24	021.43	0
021	Cobalt (ppm)	0407	92.28	4.663	97.59	24.89	2.392	35	-0.21	021.41	0
021	Cobalt (ppm)	0208	92.40	3.600	97.59	24.89	2.392	35	-0.21	021.31	0
021	Cobalt (ppm)	0407	95.48	10.17	97.59	24.89	2.392	35	-0.08	021.53	0
021	Cobalt (ppm)	0508	96.34	2.095	97.59	24.89	2.392	35	-0.05	021.43	0
021	Cobalt (ppm)	0164	97.50	9.000	97.59	24.89	2.392	35	0.00	021.41	0
021	Cobalt (ppm)	2146	97.54	1.010	97.59	24.89	2.392	35	0.00	021.52	0
021	Cobalt (ppm)	0366	100.4	3.200	97.59	24.89	2.392	35	0.11	021.42	0
021	Cobalt (ppm)	0171	100.5	1.000	97.59	24.89	2.392	35	0.12	021.41	0
021	Cobalt (ppm)	0619	102.5	1.000	97.59	24.89	2.392	35	0.20	021.41	0
021	Cobalt (ppm)	0186	105.1	5.300	97.59	24.89	2.392	35	0.30	021.52	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
021	Cobalt (ppm)	0510	105.3	2.280	97.59	24.89	2.392	35	0.31	021.43	0
021	Cobalt (ppm)	0941	105.6	0.8000	97.59	24.89	2.392	35	0.32	021.43	0
021	Cobalt (ppm)	0682	105.7	0.0000	97.59	24.89	2.392	35	0.33	021.43	0
021	Cobalt (ppm)	0939	110.5	3.000	97.59	24.89	2.392	35	0.52	021.53	0
021	Cobalt (ppm)	0226	114.2	0.8700	97.59	24.89	2.392	35	0.67	021.43	0
021	Cobalt (ppm)	0610	120.0	0.0000	97.59	24.89	2.392	35	0.90	021.43	0
021	Cobalt (ppm)	0027	122.4	0.3130	97.59	24.89	2.392	35	1.00	021.43	0
021	Cobalt (ppm)	2326	124.0	0.0000	97.59	24.89	2.392	35	1.06	021.43	0
021	Cobalt (ppm)	0939	125.0	0.0000	97.59	24.89	2.392	35	1.10	021.31	0
021	Cobalt (ppm)	0013	126.5	7.000	97.59	24.89	2.392	35	1.16	021.43	0
021	Cobalt (ppm)	0038	130.5	5.000	97.59	24.89	2.392	35	1.32	021.43	0
021	Cobalt (ppm)	0148	131.1	3.272	97.59	24.89	2.392	35	1.35	021.41	0
021	Cobalt (ppm)	0043	139.6	2.058	97.59	24.89	2.392	35	1.69	021.53	0
021	Cobalt (ppm)	0563	554.4	37.88	97.59	24.89	2.392	35	18.36	021.31	2
022	Copper (ppm)	0353	795.0	12.00	1,321	90.36	45.27	95	-5.82	022.43	0
022	Copper (ppm)	0619	1,066	3.000	1,321	90.36	45.27	95	-2.83	022.41	0
022	Copper (ppm)	0848	1,106	32.29	1,321	90.36	45.27	95	-2.38	022.41	0
022	Copper (ppm)	2259	1,128	3.000	1,321	90.36	45.27	95	-2.14	022.41	0
022	Copper (ppm)	2319	1,150	60.00	1,321	90.36	45.27	95	-1.89	022.42	0
022	Copper (ppm)	0357	1,151	1.410	1,321	90.36	45.27	95	-1.88	022.42	0
022	Copper (ppm)	0042	1,180	33.00	1,321	90.36	45.27	95	-1.57	022.42	0
022	Copper (ppm)	2445	1,197	0.0800	1,321	90.36	45.27	95	-1.38	022.43	0
022	Copper (ppm)	0508	1,200	36.10	1,321	90.36	45.27	95	-1.34	022.43	0
022	Copper (ppm)	0202	1,213	55.00	1,321	90.36	45.27	95	-1.20	022.43	0
022	Copper (ppm)	0045	1,220	140.0	1,321	90.36	45.27	95	-1.12	022.42	0
022	Copper (ppm)	0171	1,224	12.00	1,321	90.36	45.27	95	-1.08	022.41	0
022	Copper (ppm)	0870	1,228	54.00	1,321	90.36	45.27	95	-1.03	022.42	0
022	Copper (ppm)	0848	1,230	117.0	1,321	90.36	45.27	95	-1.01	022.43	0
022	Copper (ppm)	0536	1,235	10.00	1,321	90.36	45.27	95	-0.95	022.31	0
022	Copper (ppm)	0366	1,235	30.00	1,321	90.36	45.27	95	-0.95	022.42	0
022	Copper (ppm)	0876	1,235	58.60	1,321	90.36	45.27	95	-0.95	022.43	0
022	Copper (ppm)	0354	1,236	9.680	1,321	90.36	45.27	95	-0.95	022.43	0
022	Copper (ppm)	0407	1,238	15.32	1,321	90.36	45.27	95	-0.92	022.41	0
022	Copper (ppm)	0968	1,242	1.620	1,321	90.36	45.27	95	-0.88	022.43	0
022	Copper (ppm)	0407	1,248	31.78	1,321	90.36	45.27	95	-0.81	022.43	0
022	Copper (ppm)	0242	1,253	5.000	1,321	90.36	45.27	95	-0.76	022.99	0
022	Copper (ppm)	0035	1,257	97.00	1,321	90.36	45.27	95	-0.72	022.43	0
022	Copper (ppm)	0910	1,259	63.00	1,321	90.36	45.27	95	-0.69	022.41	0
022	Copper (ppm)	0039	1,260	163.0	1,321	90.36	45.27	95	-0.68	022.44	0
022	Copper (ppm)	0049	1,266	47.10	1,321	90.36	45.27	95	-0.61	022.41	0
022	Copper (ppm)	0675	1,268	88.89	1,321	90.36	45.27	95	-0.58	022.43	0
022	Copper (ppm)	0511	1,269	118.0	1,321	90.36	45.27	95	-0.58	022.43	0

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022	Copper (ppm)	0510	1,275	10.00	1,321	90.36	45.27	95	-0.51	022.43	0
022	Copper (ppm)	0123	1,280	56.00	1,321	90.36	45.27	95	-0.46	022.99	0
022	Copper (ppm)	0870	1,282	33.00	1,321	90.36	45.27	95	-0.44	022.43	0
022	Copper (ppm)	0186	1,284	32.00	1,321	90.36	45.27	95	-0.41	022.52	0
022	Copper (ppm)	0001	1,287	211.0	1,321	90.36	45.27	95	-0.38	022.31	0
022	Copper (ppm)	2433	1,290	52.90	1,321	90.36	45.27	95	-0.35	022.42	0
022	Copper (ppm)	2055	1,291	127.0	1,321	90.36	45.27	95	-0.34	022.43	0
022	Copper (ppm)	0017	1,296	100.0	1,321	90.36	45.27	95	-0.27	022.43	0
022	Copper (ppm)	0019	1,299	75.00	1,321	90.36	45.27	95	-0.25	022.41	0
022	Copper (ppm)	2146	1,299	103.0	1,321	90.36	45.27	95	-0.25	022.52	0
022	Copper (ppm)	0169	1,300	20.00	1,321	90.36	45.27	95	-0.23	022.43	0
022	Copper (ppm)	0358	1,300	64.76	1,321	90.36	45.27	95	-0.23	022.41	0
022	Copper (ppm)	0939	1,301	48.00	1,321	90.36	45.27	95	-0.22	022.31	0
022	Copper (ppm)	2196	1,306	0.0000	1,321	90.36	45.27	95	-0.17	022.31	0
022	Copper (ppm)	0598	1,310	2.186	1,321	90.36	45.27	95	-0.13	022.41	0
022	Copper (ppm)	0026	1,314	93.68	1,321	90.36	45.27	95	-0.08	022.42	0
022	Copper (ppm)	0083	1,315	70.59	1,321	90.36	45.27	95	-0.07	022.43	0
022	Copper (ppm)	0047	1,319	28.00	1,321	90.36	45.27	95	-0.02	022.52	0
022	Copper (ppm)	0939	1,320	105.0	1,321	90.36	45.27	95	-0.02	022.53	0
022	Copper (ppm)	0036	1,320	25.30	1,321	90.36	45.27	95	-0.02	022.43	0
022	Copper (ppm)	2022	1,320	0.0000	1,321	90.36	45.27	95	-0.01	022.31	0
022	Copper (ppm)	0164	1,320	20.00	1,321	90.36	45.27	95	-0.01	022.44	0
022	Copper (ppm)	0407	1,329	67.71	1,321	90.36	45.27	95	0.08	022.53	0
022	Copper (ppm)	0685	1,332	20.00	1,321	90.36	45.27	95	0.12	022.42	0
022	Copper (ppm)	0590	1,335	10.00	1,321	90.36	45.27	95	0.15	022.99	0
022	Copper (ppm)	0297	1,341	70.00	1,321	90.36	45.27	95	0.22	022.43	0
022	Copper (ppm)	0726	1,342	3.000	1,321	90.36	45.27	95	0.23	022.42	0
022	Copper (ppm)	0098	1,342	0.0000	1,321	90.36	45.27	95	0.23	022.43	0
022	Copper (ppm)	0098	1,343	24.00	1,321	90.36	45.27	95	0.24	022.41	0
022	Copper (ppm)	0148	1,345	124.1	1,321	90.36	45.27	95	0.27	022.41	0
022	Copper (ppm)	2146	1,347	29.00	1,321	90.36	45.27	95	0.28	022.32	0
022	Copper (ppm)	0037	1,347	27.90	1,321	90.36	45.27	95	0.28	022.42	0
022	Copper (ppm)	0028	1,349	137.1	1,321	90.36	45.27	95	0.31	022.43	0
022	Copper (ppm)	0038	1,350	80.00	1,321	90.36	45.27	95	0.32	022.32	0
022	Copper (ppm)	2089	1,350	106.0	1,321	90.36	45.27	95	0.32	022.43	0
022	Copper (ppm)	0229	1,356	0.0000	1,321	90.36	45.27	95	0.39	022.41	0
022	Copper (ppm)	0689	1,360	5.000	1,321	90.36	45.27	95	0.42	022.31	0
022	Copper (ppm)	0263	1,361	3.593	1,321	90.36	45.27	95	0.44	022.42	0
022	Copper (ppm)	0345	1,362	10.60	1,321	90.36	45.27	95	0.45	022.43	0
022	Copper (ppm)	0066	1,363	62.00	1,321	90.36	45.27	95	0.46	022.44	0
022	Copper (ppm)	0226	1,365	47.21	1,321	90.36	45.27	95	0.48	022.41	0
022	Copper (ppm)	0038	1,365	10.00	1,321	90.36	45.27	95	0.49	022.43	0



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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
022	Copper (ppm)	2129	1,372	24.00	1,321	90.36	45.27	95	0.56	022.42	0
022	Copper (ppm)	0563	1,373	10.01	1,321	90.36	45.27	95	0.58	022.31	0
022	Copper (ppm)	0674	1,381	0.0000	1,321	90.36	45.27	95	0.67	022.41	0
022	Copper (ppm)	2022	1,382	28.86	1,321	90.36	45.27	95	0.68	022.33	0
022	Copper (ppm)	0941	1,386	18.00	1,321	90.36	45.27	95	0.72	022.43	0
022	Copper (ppm)	2114	1,389	1.800	1,321	90.36	45.27	95	0.75	022.44	0
022	Copper (ppm)	0948	1,403	37.17	1,321	90.36	45.27	95	0.90	022.33	0
022	Copper (ppm)	0226	1,403	11.50	1,321	90.36	45.27	95	0.91	022.43	0
022	Copper (ppm)	0413	1,410	20.00	1,321	90.36	45.27	95	0.98	022.42	0
022	Copper (ppm)	0010	1,417	33.00	1,321	90.36	45.27	95	1.06	022.43	0
022	Copper (ppm)	2375	1,426	101.0	1,321	90.36	45.27	95	1.15	022.42	0
022	Copper (ppm)	0027	1,427	33.45	1,321	90.36	45.27	95	1.17	022.43	0
022	Copper (ppm)	2188	1,431	14.00	1,321	90.36	45.27	95	1.22	022.31	0
022	Copper (ppm)	0004	1,435	10.93	1,321	90.36	45.27	95	1.25	022.41	0
022	Copper (ppm)	0504	1,436	61.00	1,321	90.36	45.27	95	1.27	022.42	0
022	Copper (ppm)	0529	1,437	8.400	1,321	90.36	45.27	95	1.28	022.31	0
022	Copper (ppm)	0278	1,441	28.30	1,321	90.36	45.27	95	1.33	022.42	0
022	Copper (ppm)	2326	1,452	2.000	1,321	90.36	45.27	95	1.45	022.43	0
022	Copper (ppm)	0013	1,455	190.0	1,321	90.36	45.27	95	1.48	022.43	0
022	Copper (ppm)	0100	1,458	58.00	1,321	90.36	45.27	95	1.51	022.99	0
022	Copper (ppm)	0651	1,459	63.50	1,321	90.36	45.27	95	1.52	022.31	0
022	Copper (ppm)	0610	1,463	105.0	1,321	90.36	45.27	95	1.56	022.43	0
022	Copper (ppm)	0682	1,489	0.0000	1,321	90.36	45.27	95	1.85	022.43	0
022	Copper (ppm)	0693	1,531	59.61	1,321	90.36	45.27	95	2.32	022.42	0
022	Copper (ppm)	0043	1,711	67.07	1,321	90.36	45.27	95	4.31	022.53	0
022	Copper (ppm)	0692	1,557	330.0	1,321	90.36	45.27	95	2.61	022.42	1
022	Copper (ppm)	0964	13.53	2.850	1,321	90.36	45.27	95	-14.47	022.43	2
024	Iodine (ppm)	0910	36.12	11.54	42.78	5.348	8.573	4		024.52	0
024	Iodine (ppm)	0160	41.45	11.50	42.78	5.348	8.573	4		024.52	0
024	Iodine (ppm)	0941	44.80	7.400	42.78	5.348	8.573	4		024.52	0
024	Iodine (ppm)	0186	48.75	3.850	42.78	5.348	8.573	4		024.52	0
025	Iron (ppm)	0964	446.0	46.00	4,214	452.3	115.5	84	-8.33	025.41	0
025	Iron (ppm)	0964	453.5	35.00	4,214	452.3	115.5	84	-8.31	025.43	0
025	Iron (ppm)	0038	2,575	30.00	4,214	452.3	115.5	84	-3.62	025.31	0
025	Iron (ppm)	0353	2,713	121.0	4,214	452.3	115.5	84	-3.32	025.43	0
025	Iron (ppm)	0358	2,796	128.9	4,214	452.3	115.5	84	-3.13	025.41	0
025	Iron (ppm)	2055	2,914	356.0	4,214	452.3	115.5	84	-2.87	025.43	0
025	Iron (ppm)	0619	3,096	148.0	4,214	452.3	115.5	84	-2.47	025.41	0
025	Iron (ppm)	0357	3,232	45.35	4,214	452.3	115.5	84	-2.17	025.42	0
025	Iron (ppm)	0948	3,603	239.2	4,214	452.3	115.5	84	-1.35	025.33	0
025	Iron (ppm)	0407	3,626	119.3	4,214	452.3	115.5	84	-1.30	025.43	0
025	Iron (ppm)	0610	3,635	110.0	4,214	452.3	115.5	84	-1.28	025.43	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
025	Iron (ppm)	0037	3,699	180.4	4,214	452.3	115.5	84	-1.14	025.42	0
025	Iron (ppm)	0651	3,724	89.64	4,214	452.3	115.5	84	-1.08	025.31	0
025	Iron (ppm)	2375	3,727	132.0	4,214	452.3	115.5	84	-1.08	025.42	0
025	Iron (ppm)	2188	3,749	44.00	4,214	452.3	115.5	84	-1.03	025.31	0
025	Iron (ppm)	0047	3,749	8.000	4,214	452.3	115.5	84	-1.03	025.52	0
025	Iron (ppm)	0726	3,758	42.00	4,214	452.3	115.5	84	-1.01	025.42	0
025	Iron (ppm)	0226	3,768	25.50	4,214	452.3	115.5	84	-0.99	025.43	0
025	Iron (ppm)	0366	3,780	160.0	4,214	452.3	115.5	84	-0.96	025.42	0
025	Iron (ppm)	0407	3,910	23.35	4,214	452.3	115.5	84	-0.67	025.41	0
025	Iron (ppm)	0042	3,919	95.00	4,214	452.3	115.5	84	-0.65	025.42	0
025	Iron (ppm)	0598	3,925	105.1	4,214	452.3	115.5	84	-0.64	025.41	0
025	Iron (ppm)	0169	3,940	60.00	4,214	452.3	115.5	84	-0.61	025.43	0
025	Iron (ppm)	2146	3,964	24.00	4,214	452.3	115.5	84	-0.55	025.32	0
025	Iron (ppm)	0876	3,975	600.7	4,214	452.3	115.5	84	-0.53	025.43	0
025	Iron (ppm)	0870	3,976	53.00	4,214	452.3	115.5	84	-0.53	025.43	0
025	Iron (ppm)	0123	3,976	132.0	4,214	452.3	115.5	84	-0.53	025.99	0
025	Iron (ppm)	0354	4,030	168.6	4,214	452.3	115.5	84	-0.41	025.43	0
025	Iron (ppm)	0508	4,065	126.3	4,214	452.3	115.5	84	-0.33	025.43	0
025	Iron (ppm)	0536	4,068	76.50	4,214	452.3	115.5	84	-0.32	025.31	0
025	Iron (ppm)	0510	4,080	40.00	4,214	452.3	115.5	84	-0.30	025.43	0
025	Iron (ppm)	0074	4,120	54.00	4,214	452.3	115.5	84	-0.21	025.41	0
025	Iron (ppm)	0674	4,124	0.0000	4,214	452.3	115.5	84	-0.20	025.41	0
025	Iron (ppm)	0675	4,127	113.0	4,214	452.3	115.5	84	-0.19	025.43	0
025	Iron (ppm)	2319	4,145	70.00	4,214	452.3	115.5	84	-0.15	025.42	0
025	Iron (ppm)	0693	4,150	152.9	4,214	452.3	115.5	84	-0.14	025.42	0
025	Iron (ppm)	2146	4,186	112.0	4,214	452.3	115.5	84	-0.06	025.52	0
025	Iron (ppm)	2433	4,191	213.5	4,214	452.3	115.5	84	-0.05	025.42	0
025	Iron (ppm)	0263	4,206	77.71	4,214	452.3	115.5	84	-0.02	025.42	0
025	Iron (ppm)	0028	4,210	641.6	4,214	452.3	115.5	84	-0.01	025.43	0
025	Iron (ppm)	0529	4,229	100.1	4,214	452.3	115.5	84	0.03	025.31	0
025	Iron (ppm)	2196	4,294	0.0000	4,214	452.3	115.5	84	0.18	025.31	0
025	Iron (ppm)	0098	4,299	137.0	4,214	452.3	115.5	84	0.19	025.41	0
025	Iron (ppm)	0083	4,312	131.2	4,214	452.3	115.5	84	0.22	025.43	0
025	Iron (ppm)	0229	4,315	106.0	4,214	452.3	115.5	84	0.22	025.41	0
025	Iron (ppm)	0297	4,318	60.00	4,214	452.3	115.5	84	0.23	025.43	0
025	Iron (ppm)	0413	4,320	160.0	4,214	452.3	115.5	84	0.23	025.42	0
025	Iron (ppm)	0171	4,330	140.0	4,214	452.3	115.5	84	0.26	025.41	0
025	Iron (ppm)	0505	4,348	296.0	4,214	452.3	115.5	84	0.30	025.43	0
025	Iron (ppm)	0009	4,352	112.0	4,214	452.3	115.5	84	0.31	025.42	0
025	Iron (ppm)	0100	4,376	78.00	4,214	452.3	115.5	84	0.36	025.99	0
025	Iron (ppm)	0407	4,377	5.911	4,214	452.3	115.5	84	0.36	025.53	0
025	Iron (ppm)	0098	4,381	52.00	4,214	452.3	115.5	84	0.37	025.43	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
025	Iron (ppm)	0939	4,390	169.0	4,214	452.3	115.5	84	0.39	025.53	0
025	Iron (ppm)	0939	4,403	122.0	4,214	452.3	115.5	84	0.42	025.31	0
025	Iron (ppm)	0017	4,436	284.2	4,214	452.3	115.5	84	0.49	025.43	0
025	Iron (ppm)	0242	4,473	12.00	4,214	452.3	115.5	84	0.57	025.99	0
025	Iron (ppm)	0049	4,475	241.0	4,214	452.3	115.5	84	0.58	025.41	0
025	Iron (ppm)	0504	4,496	74.00	4,214	452.3	115.5	84	0.62	025.42	0
025	Iron (ppm)	0910	4,501	293.0	4,214	452.3	115.5	84	0.63	025.41	0
025	Iron (ppm)	0511	4,531	75.00	4,214	452.3	115.5	84	0.70	025.43	0
025	Iron (ppm)	0066	4,531	178.7	4,214	452.3	115.5	84	0.70	025.41	0
025	Iron (ppm)	2114	4,534	43.40	4,214	452.3	115.5	84	0.71	025.41	0
025	Iron (ppm)	2089	4,555	70.99	4,214	452.3	115.5	84	0.75	025.43	0
025	Iron (ppm)	0682	4,562	0.0000	4,214	452.3	115.5	84	0.77	025.43	0
025	Iron (ppm)	0013	4,570	80.00	4,214	452.3	115.5	84	0.79	025.43	0
025	Iron (ppm)	0026	4,589	150.9	4,214	452.3	115.5	84	0.83	025.42	0
025	Iron (ppm)	0148	4,604	155.9	4,214	452.3	115.5	84	0.86	025.41	0
025	Iron (ppm)	0164	4,615	30.00	4,214	452.3	115.5	84	0.89	025.41	0
025	Iron (ppm)	0001	4,626	100.0	4,214	452.3	115.5	84	0.91	025.31	0
025	Iron (ppm)	0004	4,644	37.65	4,214	452.3	115.5	84	0.95	025.41	0
025	Iron (ppm)	0019	4,646	124.0	4,214	452.3	115.5	84	0.96	025.41	0
025	Iron (ppm)	0870	4,654	222.0	4,214	452.3	115.5	84	0.97	025.42	0
025	Iron (ppm)	0027	4,658	386.4	4,214	452.3	115.5	84	0.98	025.43	0
025	Iron (ppm)	2326	4,661	586.0	4,214	452.3	115.5	84	0.99	025.43	0
025	Iron (ppm)	0941	4,665	55.00	4,214	452.3	115.5	84	1.00	025.43	0
025	Iron (ppm)	0035	4,692	30.00	4,214	452.3	115.5	84	1.06	025.43	0
025	Iron (ppm)	2022	4,720	40.00	4,214	452.3	115.5	84	1.12	025.31	0
025	Iron (ppm)	0345	4,735	6.500	4,214	452.3	115.5	84	1.15	025.43	0
025	Iron (ppm)	0226	4,841	217.0	4,214	452.3	115.5	84	1.39	025.41	0
025	Iron (ppm)	2022	4,854	1.530	4,214	452.3	115.5	84	1.42	025.33	0
025	Iron (ppm)	0278	5,229	265.0	4,214	452.3	115.5	84	2.24	025.42	0
025	Iron (ppm)	0043	5,352	257.3	4,214	452.3	115.5	84	2.52	025.53	0
025	Iron (ppm)	2129	6,455	206.0	4,214	452.3	115.5	84	4.95	025.42	0
025	Iron (ppm)	0045	4,090	700.0	4,214	452.3	115.5	84	-0.27	025.42	1
025	Iron (ppm)	0692	5,304	892.0	4,214	452.3	115.5	84	2.41	025.42	1
027	Magnesium (%)	0964	0.6481	0.0023	11.01	0.8886	0.3915	95	-11.66	027.43	0
027	Magnesium (%)	0964	0.6865	0.0258	11.01	0.8886	0.3915	95	-11.61	027.41	0
027	Magnesium (%)	0049	3.340	1.220	11.01	0.8886	0.3915	95	-8.63	027.41	0
027	Magnesium (%)	0598	4.352	0.0096	11.01	0.8886	0.3915	95	-7.49	027.41	0
027	Magnesium (%)	0889	5.105	0.1500	11.01	0.8886	0.3915	95	-6.64	027.99	0
027	Magnesium (%)	0353	6.150	0.7000	11.01	0.8886	0.3915	95	-5.47	027.43	0
027	Magnesium (%)	0870	8.596	0.0100	11.01	0.8886	0.3915	95	-2.71	027.43	0
027	Magnesium (%)	0039	9.023	0.1560	11.01	0.8886	0.3915	95	-2.23	027.44	0
027	Magnesium (%)	0018	9.065	0.8900	11.01	0.8886	0.3915	95	-2.19	027.43	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
027	Magnesium (%)	0529	9.532	0.0800	11.01	0.8886	0.3915	95	-1.66	027.31	0
027	Magnesium (%)	0358	9.565	0.3300	11.01	0.8886	0.3915	95	-1.62	027.41	0
027	Magnesium (%)	0202	9.770	0.1200	11.01	0.8886	0.3915	95	-1.39	027.43	0
027	Magnesium (%)	0407	9.774	0.1439	11.01	0.8886	0.3915	95	-1.39	027.53	0
027	Magnesium (%)	0226	9.830	0.4000	11.01	0.8886	0.3915	95	-1.32	027.43	0
027	Magnesium (%)	0357	9.951	0.0091	11.01	0.8886	0.3915	95	-1.19	027.42	0
027	Magnesium (%)	0037	10.18	0.1330	11.01	0.8886	0.3915	95	-0.93	027.42	0
027	Magnesium (%)	0026	10.22	0.5160	11.01	0.8886	0.3915	95	-0.89	027.42	0
027	Magnesium (%)	0169	10.25	0.1000	11.01	0.8886	0.3915	95	-0.85	027.32	0
027	Magnesium (%)	0013	10.35	0.1000	11.01	0.8886	0.3915	95	-0.74	027.43	0
027	Magnesium (%)	0510	10.43	0.2500	11.01	0.8886	0.3915	95	-0.66	027.43	0
027	Magnesium (%)	0042	10.45	0.3000	11.01	0.8886	0.3915	95	-0.63	027.42	0
027	Magnesium (%)	0646	10.47	0.6600	11.01	0.8886	0.3915	95	-0.60	027.31	0
027	Magnesium (%)	0123	10.50	0.6000	11.01	0.8886	0.3915	95	-0.57	027.99	0
027	Magnesium (%)	0035	10.51	0.2100	11.01	0.8886	0.3915	95	-0.57	027.43	0
027	Magnesium (%)	0596	10.55	0.9500	11.01	0.8886	0.3915	95	-0.52	027.31	0
027	Magnesium (%)	0675	10.57	0.0400	11.01	0.8886	0.3915	95	-0.49	027.43	0
027	Magnesium (%)	0876	10.60	0.2000	11.01	0.8886	0.3915	95	-0.46	027.43	0
027	Magnesium (%)	0263	10.67	0.0310	11.01	0.8886	0.3915	95	-0.38	027.42	0
027	Magnesium (%)	0619	10.70	0.4000	11.01	0.8886	0.3915	95	-0.35	027.41	0
027	Magnesium (%)	0045	10.70	0.4000	11.01	0.8886	0.3915	95	-0.35	027.42	0
027	Magnesium (%)	0685	10.73	0.2000	11.01	0.8886	0.3915	95	-0.31	027.42	0
027	Magnesium (%)	0036	10.74	0.1522	11.01	0.8886	0.3915	95	-0.30	027.43	0
027	Magnesium (%)	0098	10.75	0.1300	11.01	0.8886	0.3915	95	-0.29	027.41	0
027	Magnesium (%)	0563	10.77	0.0788	11.01	0.8886	0.3915	95	-0.26	027.31	0
027	Magnesium (%)	0504	10.80	1.316	11.01	0.8886	0.3915	95	-0.24	027.42	0
027	Magnesium (%)	0027	10.87	0.3500	11.01	0.8886	0.3915	95	-0.16	027.43	0
027	Magnesium (%)	0171	10.89	0.6100	11.01	0.8886	0.3915	95	-0.14	027.41	0
027	Magnesium (%)	0242	10.89	0.1300	11.01	0.8886	0.3915	95	-0.14	027.99	0
027	Magnesium (%)	0939	10.89	0.2200	11.01	0.8886	0.3915	95	-0.13	027.53	0
027	Magnesium (%)	0083	10.90	0.1500	11.01	0.8886	0.3915	95	-0.13	027.43	0
027	Magnesium (%)	0017	10.90	0.5542	11.01	0.8886	0.3915	95	-0.12	027.43	0
027	Magnesium (%)	0098	10.90	0.0000	11.01	0.8886	0.3915	95	-0.12	027.43	0
027	Magnesium (%)	0229	10.91	0.9800	11.01	0.8886	0.3915	95	-0.11	027.41	0
027	Magnesium (%)	2196	10.92	0.0000	11.01	0.8886	0.3915	95	-0.10	027.31	0
027	Magnesium (%)	0009	10.93	1.710	11.01	0.8886	0.3915	95	-0.08	027.42	0
027	Magnesium (%)	0366	10.95	0.3000	11.01	0.8886	0.3915	95	-0.06	027.42	0
027	Magnesium (%)	2114	10.96	0.2300	11.01	0.8886	0.3915	95	-0.05	027.44	0
027	Magnesium (%)	2146	10.99	0.2300	11.01	0.8886	0.3915	95	-0.02	027.52	0
027	Magnesium (%)	2326	11.00	0.0000	11.01	0.8886	0.3915	95	-0.01	027.43	0
027	Magnesium (%)	0968	11.02	0.2140	11.01	0.8886	0.3915	95	0.02	027.43	0
027	Magnesium (%)	0910	11.06	0.2400	11.01	0.8886	0.3915	95	0.06	027.41	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
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027	Magnesium (%)	0941	11.10	0.4100	11.01	0.8886	0.3915	95	0.10	027.43	0
027	Magnesium (%)	0693	11.15	1.336	11.01	0.8886	0.3915	95	0.16	027.42	0
027	Magnesium (%)	0074	11.18	0.5400	11.01	0.8886	0.3915	95	0.19	027.41	0
027	Magnesium (%)	2146	11.22	0.4900	11.01	0.8886	0.3915	95	0.23	027.32	0
027	Magnesium (%)	0010	11.23	0.7800	11.01	0.8886	0.3915	95	0.25	027.43	0
027	Magnesium (%)	0100	11.24	0.5100	11.01	0.8886	0.3915	95	0.26	027.99	0
027	Magnesium (%)	0870	11.25	0.5400	11.01	0.8886	0.3915	95	0.27	027.42	0
027	Magnesium (%)	0004	11.26	1.010	11.01	0.8886	0.3915	95	0.28	027.41	0
027	Magnesium (%)	0019	11.27	0.2900	11.01	0.8886	0.3915	95	0.29	027.41	0
027	Magnesium (%)	0610	11.28	0.5500	11.01	0.8886	0.3915	95	0.30	027.43	0
027	Magnesium (%)	0354	11.29	0.0700	11.01	0.8886	0.3915	95	0.31	027.43	0
027	Magnesium (%)	0939	11.31	0.3800	11.01	0.8886	0.3915	95	0.34	027.31	0
027	Magnesium (%)	0297	11.32	0.2400	11.01	0.8886	0.3915	95	0.35	027.43	0
027	Magnesium (%)	0066	11.39	0.2700	11.01	0.8886	0.3915	95	0.43	027.41	0
027	Magnesium (%)	0038	11.40	2.000	11.01	0.8886	0.3915	95	0.44	027.31	0
027	Magnesium (%)	0536	11.41	0.3200	11.01	0.8886	0.3915	95	0.45	027.31	0
027	Magnesium (%)	0047	11.45	0.2900	11.01	0.8886	0.3915	95	0.49	027.52	0
027	Magnesium (%)	0511	11.45	1.060	11.01	0.8886	0.3915	95	0.50	027.43	0
027	Magnesium (%)	2055	11.48	0.6485	11.01	0.8886	0.3915	95	0.53	027.43	0
027	Magnesium (%)	0674	11.50	0.0000	11.01	0.8886	0.3915	95	0.55	027.41	0
027	Magnesium (%)	2089	11.50	0.0200	11.01	0.8886	0.3915	95	0.55	027.43	0
027	Magnesium (%)	0164	11.55	0.7000	11.01	0.8886	0.3915	95	0.61	027.44	0
027	Magnesium (%)	0508	11.60	0.7410	11.01	0.8886	0.3915	95	0.67	027.43	0
027	Magnesium (%)	2445	11.66	0.2300	11.01	0.8886	0.3915	95	0.73	027.43	0
027	Magnesium (%)	0590	11.70	0.2000	11.01	0.8886	0.3915	95	0.78	027.99	0
027	Magnesium (%)	0413	11.75	0.3000	11.01	0.8886	0.3915	95	0.84	027.42	0
027	Magnesium (%)	0148	11.77	0.1700	11.01	0.8886	0.3915	95	0.85	027.41	0
027	Magnesium (%)	0345	11.80	0.0700	11.01	0.8886	0.3915	95	0.89	027.43	0
027	Magnesium (%)	0505	11.84	0.1600	11.01	0.8886	0.3915	95	0.94	027.43	0
027	Magnesium (%)	0948	11.88	0.3030	11.01	0.8886	0.3915	95	0.98	027.33	0
027	Magnesium (%)	2433	11.91	0.4212	11.01	0.8886	0.3915	95	1.01	027.42	0
027	Magnesium (%)	0001	11.92	1.040	11.01	0.8886	0.3915	95	1.03	027.31	0
027	Magnesium (%)	0407	11.94	1.022	11.01	0.8886	0.3915	95	1.05	027.41	0
027	Magnesium (%)	2259	12.08	1.573	11.01	0.8886	0.3915	95	1.21	027.41	0
027	Magnesium (%)	0407	12.11	0.5949	11.01	0.8886	0.3915	95	1.25	027.43	0
027	Magnesium (%)	0226	12.24	0.2600	11.01	0.8886	0.3915	95	1.39	027.41	0
027	Magnesium (%)	2319	12.30	0.2000	11.01	0.8886	0.3915	95	1.45	027.42	0
027	Magnesium (%)	2129	12.38	0.2700	11.01	0.8886	0.3915	95	1.54	027.42	0
027	Magnesium (%)	0278	12.41	0.8900	11.01	0.8886	0.3915	95	1.57	027.42	0
027	Magnesium (%)	0038	12.55	0.9000	11.01	0.8886	0.3915	95	1.74	027.43	0
027	Magnesium (%)	0726	12.58	0.1300	11.01	0.8886	0.3915	95	1.76	027.42	0
027	Magnesium (%)	2375	12.75	0.7000	11.01	0.8886	0.3915	95	1.96	027.42	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
027	Magnesium (%)	0692	13.52	0.2200	11.01	0.8886	0.3915	95	2.83	027.42	0
027	Magnesium (%)	0682	13.61	0.0000	11.01	0.8886	0.3915	95	2.93	027.43	0
027	Magnesium (%)	0028	10.98	2.590	11.01	0.8886	0.3915	95	-0.04	027.43	1
028	Manganese (ppm)	0353	994.5	9.000	1,621	135.2	39.29	90	-4.63	028.43	0
028	Manganese (ppm)	0689	1,184	41.00	1,621	135.2	39.29	90	-3.23	028.31	0
028	Manganese (ppm)	0870	1,217	5.000	1,621	135.2	39.29	90	-2.99	028.43	0
028	Manganese (ppm)	0619	1,312	51.00	1,621	135.2	39.29	90	-2.29	028.41	0
028	Manganese (ppm)	0511	1,339	122.0	1,621	135.2	39.29	90	-2.08	028.43	0
028	Manganese (ppm)	2259	1,391	55.00	1,621	135.2	39.29	90	-1.70	028.44	0
028	Manganese (ppm)	0505	1,403	6.000	1,621	135.2	39.29	90	-1.61	028.43	0
028	Manganese (ppm)	0508	1,433	35.30	1,621	135.2	39.29	90	-1.39	028.43	0
028	Manganese (ppm)	0726	1,438	32.00	1,621	135.2	39.29	90	-1.35	028.42	0
028	Manganese (ppm)	0407	1,445	20.17	1,621	135.2	39.29	90	-1.30	028.43	0
028	Manganese (ppm)	0226	1,451	2.500	1,621	135.2	39.29	90	-1.26	028.43	0
028	Manganese (ppm)	0358	1,479	50.23	1,621	135.2	39.29	90	-1.05	028.41	0
028	Manganese (ppm)	0042	1,481	39.00	1,621	135.2	39.29	90	-1.04	028.42	0
028	Manganese (ppm)	0354	1,483	25.60	1,621	135.2	39.29	90	-1.02	028.43	0
028	Manganese (ppm)	0407	1,484	32.16	1,621	135.2	39.29	90	-1.01	028.41	0
028	Manganese (ppm)	0510	1,495	10.00	1,621	135.2	39.29	90	-0.93	028.43	0
028	Manganese (ppm)	0870	1,498	58.00	1,621	135.2	39.29	90	-0.91	028.42	0
028	Manganese (ppm)	0598	1,502	0.2931	1,621	135.2	39.29	90	-0.88	028.41	0
028	Manganese (ppm)	2188	1,503	2.000	1,621	135.2	39.29	90	-0.87	028.31	0
028	Manganese (ppm)	0038	1,505	110.0	1,621	135.2	39.29	90	-0.86	028.32	0
028	Manganese (ppm)	0297	1,513	1.000	1,621	135.2	39.29	90	-0.80	028.43	0
028	Manganese (ppm)	0123	1,522	20.00	1,621	135.2	39.29	90	-0.73	028.99	0
028	Manganese (ppm)	0675	1,527	31.06	1,621	135.2	39.29	90	-0.69	028.43	0
028	Manganese (ppm)	0968	1,528	7.380	1,621	135.2	39.29	90	-0.69	028.43	0
028	Manganese (ppm)	0074	1,532	7.000	1,621	135.2	39.29	90	-0.66	028.41	0
028	Manganese (ppm)	0202	1,534	73.00	1,621	135.2	39.29	90	-0.65	028.43	0
028	Manganese (ppm)	0066	1,535	54.48	1,621	135.2	39.29	90	-0.63	028.44	0
028	Manganese (ppm)	0685	1,555	20.00	1,621	135.2	39.29	90	-0.49	028.42	0
028	Manganese (ppm)	0357	1,559	0.1800	1,621	135.2	39.29	90	-0.45	028.42	0
028	Manganese (ppm)	2129	1,573	21.00	1,621	135.2	39.29	90	-0.36	028.42	0
028	Manganese (ppm)	2055	1,575	40.00	1,621	135.2	39.29	90	-0.34	028.43	0
028	Manganese (ppm)	0035	1,583	69.00	1,621	135.2	39.29	90	-0.28	028.43	0
028	Manganese (ppm)	0939	1,584	13.00	1,621	135.2	39.29	90	-0.28	028.31	0
028	Manganese (ppm)	0028	1,585	43.05	1,621	135.2	39.29	90	-0.27	028.43	0
028	Manganese (ppm)	2319	1,585	30.00	1,621	135.2	39.29	90	-0.26	028.42	0
028	Manganese (ppm)	0049	1,585	38.56	1,621	135.2	39.29	90	-0.26	028.41	0
028	Manganese (ppm)	0017	1,594	111.7	1,621	135.2	39.29	90	-0.20	028.43	0
028	Manganese (ppm)	0504	1,599	36.10	1,621	135.2	39.29	90	-0.16	028.42	0
028	Manganese (ppm)	2433	1,601	63.80	1,621	135.2	39.29	90	-0.14	028.42	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
028	Manganese (ppm)	0682	1,607	0.0000	1,621	135.2	39.29	90	-0.10	028.43	0
028	Manganese (ppm)	0171	1,610	20.00	1,621	135.2	39.29	90	-0.08	028.41	0
028	Manganese (ppm)	0263	1,611	26.19	1,621	135.2	39.29	90	-0.07	028.42	0
028	Manganese (ppm)	0563	1,617	142.1	1,621	135.2	39.29	90	-0.03	028.31	0
028	Manganese (ppm)	2146	1,619	68.00	1,621	135.2	39.29	90	-0.01	028.32	0
028	Manganese (ppm)	0876	1,621	109.2	1,621	135.2	39.29	90	0.00	028.43	0
028	Manganese (ppm)	0948	1,622	9.960	1,621	135.2	39.29	90	0.01	028.33	0
028	Manganese (ppm)	2146	1,630	15.00	1,621	135.2	39.29	90	0.07	028.52	0
028	Manganese (ppm)	0083	1,635	40.78	1,621	135.2	39.29	90	0.10	028.43	0
028	Manganese (ppm)	0037	1,640	5.900	1,621	135.2	39.29	90	0.14	028.42	0
028	Manganese (ppm)	0047	1,640	88.00	1,621	135.2	39.29	90	0.14	028.52	0
028	Manganese (ppm)	0169	1,645	10.00	1,621	135.2	39.29	90	0.18	028.43	0
028	Manganese (ppm)	0610	1,645	50.00	1,621	135.2	39.29	90	0.18	028.43	0
028	Manganese (ppm)	0009	1,651	28.00	1,621	135.2	39.29	90	0.22	028.42	0
028	Manganese (ppm)	2089	1,653	258.4	1,621	135.2	39.29	90	0.24	028.43	0
028	Manganese (ppm)	0013	1,670	60.00	1,621	135.2	39.29	90	0.36	028.43	0
028	Manganese (ppm)	0529	1,670	50.00	1,621	135.2	39.29	90	0.37	028.31	0
028	Manganese (ppm)	2196	1,672	0.0000	1,621	135.2	39.29	90	0.38	028.31	0
028	Manganese (ppm)	0242	1,674	3.000	1,621	135.2	39.29	90	0.39	028.99	0
028	Manganese (ppm)	0100	1,677	59.00	1,621	135.2	39.29	90	0.41	028.99	0
028	Manganese (ppm)	0366	1,680	80.00	1,621	135.2	39.29	90	0.44	028.42	0
028	Manganese (ppm)	0590	1,684	32.00	1,621	135.2	39.29	90	0.47	028.99	0
028	Manganese (ppm)	0027	1,684	21.63	1,621	135.2	39.29	90	0.47	028.43	0
028	Manganese (ppm)	0345	1,687	10.70	1,621	135.2	39.29	90	0.49	028.43	0
028	Manganese (ppm)	0229	1,688	14.00	1,621	135.2	39.29	90	0.50	028.41	0
028	Manganese (ppm)	0026	1,696	180.7	1,621	135.2	39.29	90	0.55	028.42	0
028	Manganese (ppm)	0413	1,700	140.0	1,621	135.2	39.29	90	0.59	028.42	0
028	Manganese (ppm)	0098	1,701	1.000	1,621	135.2	39.29	90	0.59	028.41	0
028	Manganese (ppm)	2392	1,710	83.50	1,621	135.2	39.29	90	0.66	028.00	0
028	Manganese (ppm)	0098	1,717	29.00	1,621	135.2	39.29	90	0.71	028.43	0
028	Manganese (ppm)	0651	1,717	17.43	1,621	135.2	39.29	90	0.71	028.31	0
028	Manganese (ppm)	0910	1,720	16.00	1,621	135.2	39.29	90	0.73	028.41	0
028	Manganese (ppm)	0004	1,720	18.96	1,621	135.2	39.29	90	0.74	028.41	0
028	Manganese (ppm)	0939	1,734	111.0	1,621	135.2	39.29	90	0.83	028.53	0
028	Manganese (ppm)	2022	1,740	60.00	1,621	135.2	39.29	90	0.88	028.31	0
028	Manganese (ppm)	0536	1,747	9.000	1,621	135.2	39.29	90	0.93	028.31	0
028	Manganese (ppm)	0001	1,763	91.00	1,621	135.2	39.29	90	1.05	028.31	0
028	Manganese (ppm)	2022	1,767	55.76	1,621	135.2	39.29	90	1.09	028.33	0
028	Manganese (ppm)	0019	1,770	9.000	1,621	135.2	39.29	90	1.10	028.41	0
028	Manganese (ppm)	0164	1,770	20.00	1,621	135.2	39.29	90	1.10	028.44	0
028	Manganese (ppm)	0941	1,773	44.00	1,621	135.2	39.29	90	1.13	028.43	0
028	Manganese (ppm)	2114	1,779	29.90	1,621	135.2	39.29	90	1.17	028.44	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
028	Manganese (ppm)	0148	1,786	174.4	1,621	135.2	39.29	90	1.22	028.41	0
028	Manganese (ppm)	0674	1,790	0.0000	1,621	135.2	39.29	90	1.25	028.41	0
028	Manganese (ppm)	2375	1,812	118.0	1,621	135.2	39.29	90	1.42	028.42	0
028	Manganese (ppm)	0226	1,819	38.94	1,621	135.2	39.29	90	1.46	028.41	0
028	Manganese (ppm)	2326	1,822	39.00	1,621	135.2	39.29	90	1.49	028.43	0
028	Manganese (ppm)	0407	1,871	19.58	1,621	135.2	39.29	90	1.85	028.53	0
028	Manganese (ppm)	0278	1,904	3.000	1,621	135.2	39.29	90	2.09	028.42	0
028	Manganese (ppm)	0692	1,964	71.00	1,621	135.2	39.29	90	2.54	028.42	0
028	Manganese (ppm)	0043	2,017	51.22	1,621	135.2	39.29	90	2.93	028.53	0
028	Manganese (ppm)	0045	1,585	270.0	1,621	135.2	39.29	90	-0.26	028.42	1
028	Manganese (ppm)	0693	1,827	446.5	1,621	135.2	39.29	90	1.53	028.42	1
028	Manganese (ppm)	0964	44.90	4.200	1,621	135.2	39.29	90	-11.66	028.41	2
031	Phosphorus (%)	0590	1.060	0.0200	2.615	0.1646	0.0914	116	-9.44	031.01	0
031	Phosphorus (%)	0964	1.244	0.0225	2.615	0.1646	0.0914	116	-8.33	031.43	0
031	Phosphorus (%)	0964	1.249	0.0971	2.615	0.1646	0.0914	116	-8.29	031.41	0
031	Phosphorus (%)	0353	1.670	0.0000	2.615	0.1646	0.0914	116	-5.74	031.43	0
031	Phosphorus (%)	0108	1.700	0.0400	2.615	0.1646	0.0914	116	-5.56	031.01	0
031	Phosphorus (%)	0889	1.910	0.0400	2.615	0.1646	0.0914	116	-4.28	031.99	0
031	Phosphorus (%)	0870	2.169	0.1330	2.615	0.1646	0.0914	116	-2.71	031.43	0
031	Phosphorus (%)	0685	2.270	0.0200	2.615	0.1646	0.0914	116	-2.09	031.41	0
031	Phosphorus (%)	0689	2.300	0.1400	2.615	0.1646	0.0914	116	-1.91	031.01	0
031	Phosphorus (%)	0366	2.310	0.1000	2.615	0.1646	0.0914	116	-1.85	031.42	0
031	Phosphorus (%)	2200	2.315	0.0300	2.615	0.1646	0.0914	116	-1.82	031.01	0
031	Phosphorus (%)	0202	2.345	0.4500	2.615	0.1646	0.0914	116	-1.64	031.43	0
031	Phosphorus (%)	0676	2.345	0.0700	2.615	0.1646	0.0914	116	-1.64	031.99	0
031	Phosphorus (%)	0682	2.350	0.0000	2.615	0.1646	0.0914	116	-1.61	031.43	0
031	Phosphorus (%)	0598	2.396	0.0032	2.615	0.1646	0.0914	116	-1.33	031.41	0
031	Phosphorus (%)	0066	2.405	0.1100	2.615	0.1646	0.0914	116	-1.27	031.44	0
031	Phosphorus (%)	2199	2.445	0.0100	2.615	0.1646	0.0914	116	-1.03	031.01	0
031	Phosphorus (%)	2433	2.467	0.0097	2.615	0.1646	0.0914	116	-0.90	031.42	0
031	Phosphorus (%)	0358	2.475	0.1900	2.615	0.1646	0.0914	116	-0.85	031.41	0
031	Phosphorus (%)	2325	2.475	0.0100	2.615	0.1646	0.0914	116	-0.85	031.01	0
031	Phosphorus (%)	0049	2.480	0.0600	2.615	0.1646	0.0914	116	-0.82	031.41	0
031	Phosphorus (%)	0014	2.480	0.0000	2.615	0.1646	0.0914	116	-0.82	031.42	0
031	Phosphorus (%)	0045	2.480	0.2600	2.615	0.1646	0.0914	116	-0.82	031.42	0
031	Phosphorus (%)	0511	2.480	0.0600	2.615	0.1646	0.0914	116	-0.82	031.43	0
031	Phosphorus (%)	0646	2.495	0.0300	2.615	0.1646	0.0914	116	-0.73	031.01	0
031	Phosphorus (%)	2144	2.500	0.0400	2.615	0.1646	0.0914	116	-0.70	031.01	0
031	Phosphorus (%)	0123	2.505	0.2300	2.615	0.1646	0.0914	116	-0.67	031.99	0
031	Phosphorus (%)	0009	2.506	0.2222	2.615	0.1646	0.0914	116	-0.66	031.42	0
031	Phosphorus (%)	0242	2.515	0.1500	2.615	0.1646	0.0914	116	-0.60	031.99	0
031	Phosphorus (%)	0164	2.525	0.0500	2.615	0.1646	0.0914	116	-0.54	031.44	0



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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
031	Phosphorus (%)	2445	2.530	0.0000	2.615	0.1646	0.0914	116	-0.51	031.44	0
031	Phosphorus (%)	2006	2.534	0.0150	2.615	0.1646	0.0914	116	-0.49	031.01	0
031	Phosphorus (%)	0505	2.536	0.0460	2.615	0.1646	0.0914	116	-0.48	031.43	0
031	Phosphorus (%)	0674	2.540	0.0000	2.615	0.1646	0.0914	116	-0.45	031.41	0
031	Phosphorus (%)	0042	2.540	0.0600	2.615	0.1646	0.0914	116	-0.45	031.42	0
031	Phosphorus (%)	0357	2.542	0.0322	2.615	0.1646	0.0914	116	-0.44	031.42	0
031	Phosphorus (%)	0297	2.545	0.0500	2.615	0.1646	0.0914	116	-0.42	031.43	0
031	Phosphorus (%)	0510	2.545	0.0300	2.615	0.1646	0.0914	116	-0.42	031.43	0
031	Phosphorus (%)	2259	2.548	0.2250	2.615	0.1646	0.0914	116	-0.41	031.41	0
031	Phosphorus (%)	0876	2.550	0.1000	2.615	0.1646	0.0914	116	-0.39	031.43	0
031	Phosphorus (%)	0651	2.560	0.0000	2.615	0.1646	0.0914	116	-0.33	031.01	0
031	Phosphorus (%)	0229	2.560	0.1600	2.615	0.1646	0.0914	116	-0.33	031.41	0
031	Phosphorus (%)	0622	2.562	0.0972	2.615	0.1646	0.0914	116	-0.32	031.01	0
031	Phosphorus (%)	0619	2.565	0.0500	2.615	0.1646	0.0914	116	-0.30	031.41	0
031	Phosphorus (%)	2114	2.567	0.0720	2.615	0.1646	0.0914	116	-0.29	031.44	0
031	Phosphorus (%)	0037	2.568	0.0860	2.615	0.1646	0.0914	116	-0.28	031.42	0
031	Phosphorus (%)	0083	2.570	0.0400	2.615	0.1646	0.0914	116	-0.27	031.43	0
031	Phosphorus (%)	0596	2.570	0.3000	2.615	0.1646	0.0914	116	-0.27	031.01	0
031	Phosphorus (%)	0407	2.572	0.2559	2.615	0.1646	0.0914	116	-0.26	031.43	0
031	Phosphorus (%)	0019	2.580	0.1400	2.615	0.1646	0.0914	116	-0.21	031.41	0
031	Phosphorus (%)	0018	2.595	0.0500	2.615	0.1646	0.0914	116	-0.12	031.01	0
031	Phosphorus (%)	0028	2.595	0.3300	2.615	0.1646	0.0914	116	-0.12	031.43	0
031	Phosphorus (%)	0148	2.600	0.0400	2.615	0.1646	0.0914	116	-0.09	031.41	0
031	Phosphorus (%)	2392	2.605	0.0100	2.615	0.1646	0.0914	116	-0.06	031.01	0
031	Phosphorus (%)	0407	2.607	0.1239	2.615	0.1646	0.0914	116	-0.05	031.41	0
031	Phosphorus (%)	2434	2.610	0.0000	2.615	0.1646	0.0914	116	-0.03	031.01	0
031	Phosphorus (%)	2089	2.610	0.0400	2.615	0.1646	0.0914	116	-0.03	031.43	0
031	Phosphorus (%)	0278	2.615	0.0300	2.615	0.1646	0.0914	116	0.00	031.42	0
031	Phosphorus (%)	0038	2.620	0.1000	2.615	0.1646	0.0914	116	0.03	031.01	0
031	Phosphorus (%)	2188	2.620	0.0000	2.615	0.1646	0.0914	116	0.03	031.01	0
031	Phosphorus (%)	0529	2.630	0.0200	2.615	0.1646	0.0914	116	0.09	031.01	0
031	Phosphorus (%)	0169	2.630	0.0800	2.615	0.1646	0.0914	116	0.09	031.03	0
031	Phosphorus (%)	0144	2.635	0.0700	2.615	0.1646	0.0914	116	0.12	031.41	0
031	Phosphorus (%)	0226	2.635	0.2100	2.615	0.1646	0.0914	116	0.12	031.43	0
031	Phosphorus (%)	0968	2.645	0.0340	2.615	0.1646	0.0914	116	0.18	031.43	0
031	Phosphorus (%)	0027	2.648	0.0580	2.615	0.1646	0.0914	116	0.20	031.43	0
031	Phosphorus (%)	0885	2.649	0.2164	2.615	0.1646	0.0914	116	0.21	031.01	0
031	Phosphorus (%)	0413	2.650	0.1000	2.615	0.1646	0.0914	116	0.22	031.42	0
031	Phosphorus (%)	0939	2.655	0.1100	2.615	0.1646	0.0914	116	0.25	031.01	0
031	Phosphorus (%)	0504	2.660	0.2490	2.615	0.1646	0.0914	116	0.27	031.42	0
031	Phosphorus (%)	0675	2.660	0.0200	2.615	0.1646	0.0914	116	0.28	031.43	0
031	Phosphorus (%)	0026	2.670	0.0870	2.615	0.1646	0.0914	116	0.33	031.42	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
031	Phosphorus (%)	0884	2.675	0.0700	2.615	0.1646	0.0914	116	0.37	031.01	0
031	Phosphorus (%)	0035	2.680	0.1200	2.615	0.1646	0.0914	116	0.40	031.43	0
031	Phosphorus (%)	0036	2.681	0.0561	2.615	0.1646	0.0914	116	0.40	031.43	0
031	Phosphorus (%)	0726	2.685	0.0500	2.615	0.1646	0.0914	116	0.43	031.42	0
031	Phosphorus (%)	0098	2.686	0.0250	2.615	0.1646	0.0914	116	0.43	031.43	0
031	Phosphorus (%)	2146	2.690	0.1600	2.615	0.1646	0.0914	116	0.46	031.52	0
031	Phosphorus (%)	0941	2.691	0.0870	2.615	0.1646	0.0914	116	0.46	031.43	0
031	Phosphorus (%)	0693	2.696	0.0350	2.615	0.1646	0.0914	116	0.49	031.42	0
031	Phosphorus (%)	2196	2.698	0.0000	2.615	0.1646	0.0914	116	0.51	031.01	0
031	Phosphorus (%)	2190	2.699	0.0499	2.615	0.1646	0.0914	116	0.52	031.01	0
031	Phosphorus (%)	0910	2.700	0.1600	2.615	0.1646	0.0914	116	0.52	031.41	0
031	Phosphorus (%)	0047	2.700	0.0000	2.615	0.1646	0.0914	116	0.52	031.42	0
031	Phosphorus (%)	0017	2.708	0.3120	2.615	0.1646	0.0914	116	0.56	031.43	0
031	Phosphorus (%)	2319	2.715	0.0300	2.615	0.1646	0.0914	116	0.61	031.42	0
031	Phosphorus (%)	0039	2.717	0.6660	2.615	0.1646	0.0914	116	0.62	031.44	0
031	Phosphorus (%)	0354	2.717	0.3000	2.615	0.1646	0.0914	116	0.62	031.43	0
031	Phosphorus (%)	0171	2.720	0.0800	2.615	0.1646	0.0914	116	0.64	031.41	0
031	Phosphorus (%)	0263	2.734	0.0350	2.615	0.1646	0.0914	116	0.72	031.42	0
031	Phosphorus (%)	0001	2.736	0.0040	2.615	0.1646	0.0914	116	0.74	031.03	0
031	Phosphorus (%)	2181	2.740	0.0600	2.615	0.1646	0.0914	116	0.76	031.01	0
031	Phosphorus (%)	0038	2.740	0.4200	2.615	0.1646	0.0914	116	0.76	031.43	0
031	Phosphorus (%)	2009	2.752	0.0119	2.615	0.1646	0.0914	116	0.84	031.01	0
031	Phosphorus (%)	0100	2.760	0.0400	2.615	0.1646	0.0914	116	0.88	031.99	0
031	Phosphorus (%)	0098	2.763	0.0650	2.615	0.1646	0.0914	116	0.90	031.41	0
031	Phosphorus (%)	0010	2.765	0.0900	2.615	0.1646	0.0914	116	0.91	031.43	0
031	Phosphorus (%)	2302	2.770	0.0000	2.615	0.1646	0.0914	116	0.94	031.01	0
031	Phosphorus (%)	0610	2.780	0.4200	2.615	0.1646	0.0914	116	1.00	031.43	0
031	Phosphorus (%)	0870	2.787	0.1140	2.615	0.1646	0.0914	116	1.05	031.42	0
031	Phosphorus (%)	2193	2.790	0.0000	2.615	0.1646	0.0914	116	1.07	031.01	0
031	Phosphorus (%)	0948	2.800	0.2200	2.615	0.1646	0.0914	116	1.13	031.01	0
031	Phosphorus (%)	0001	2.800	0.0600	2.615	0.1646	0.0914	116	1.13	031.43	0
031	Phosphorus (%)	2246	2.805	0.0100	2.615	0.1646	0.0914	116	1.16	031.01	0
031	Phosphorus (%)	0074	2.825	0.0320	2.615	0.1646	0.0914	116	1.28	031.41	0
031	Phosphorus (%)	0345	2.825	0.0460	2.615	0.1646	0.0914	116	1.28	031.43	0
031	Phosphorus (%)	2276	2.836	0.0616	2.615	0.1646	0.0914	116	1.35	031.43	0
031	Phosphorus (%)	0407	2.843	0.0607	2.615	0.1646	0.0914	116	1.39	031.53	0
031	Phosphorus (%)	0939	2.850	0.2000	2.615	0.1646	0.0914	116	1.43	031.53	0
031	Phosphorus (%)	0226	2.870	0.0200	2.615	0.1646	0.0914	116	1.55	031.41	0
031	Phosphorus (%)	2055	2.976	0.1179	2.615	0.1646	0.0914	116	2.20	031.43	0
031	Phosphorus (%)	0004	3.010	0.0600	2.615	0.1646	0.0914	116	2.40	031.41	0
031	Phosphorus (%)	2326	3.050	0.1000	2.615	0.1646	0.0914	116	2.64	031.43	0
031	Phosphorus (%)	2375	3.065	0.1900	2.615	0.1646	0.0914	116	2.74	031.42	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
031	Phosphorus (%)	2129	3.270	0.4350	2.615	0.1646	0.0914	116	3.98	031.42	0
031	Phosphorus (%)	0848	3.485	0.0900	2.615	0.1646	0.0914	116	5.29	031.43	0
031	Phosphorus (%)	0692	2.520	1.720	2.615	0.1646	0.0914	116	-0.57	031.42	1
031	Phosphorus (%)	0563	4.915	0.0131	2.615	0.1646	0.0914	116	13.97	031.01	2
032	Potassium (%)	0536	0.4800	0.0000	0.7798	0.0802	0.0291	89	-3.74	032.31	0
032	Potassium (%)	0353	0.4800	0.0200	0.7798	0.0802	0.0291	89	-3.74	032.43	0
032	Potassium (%)	0674	0.6000	0.0000	0.7798	0.0802	0.0291	89	-2.24	032.41	0
032	Potassium (%)	0226	0.6450	0.0100	0.7798	0.0802	0.0291	89	-1.68	032.43	0
032	Potassium (%)	0939	0.6500	0.0000	0.7798	0.0802	0.0291	89	-1.62	032.31	0
032	Potassium (%)	0511	0.6700	0.0200	0.7798	0.0802	0.0291	89	-1.37	032.43	0
032	Potassium (%)	0229	0.6800	0.0200	0.7798	0.0802	0.0291	89	-1.24	032.41	0
032	Potassium (%)	0028	0.6850	0.0700	0.7798	0.0802	0.0291	89	-1.18	032.43	0
032	Potassium (%)	0870	0.6939	0.0178	0.7798	0.0802	0.0291	89	-1.07	032.42	0
032	Potassium (%)	2129	0.6981	0.0178	0.7798	0.0802	0.0291	89	-1.02	032.42	0
032	Potassium (%)	2433	0.6983	0.0023	0.7798	0.0802	0.0291	89	-1.02	032.42	0
032	Potassium (%)	0876	0.7000	0.0000	0.7798	0.0802	0.0291	89	-1.00	032.43	0
032	Potassium (%)	0038	0.7050	0.0400	0.7798	0.0802	0.0291	89	-0.93	032.31	0
032	Potassium (%)	0001	0.7060	0.0100	0.7798	0.0802	0.0291	89	-0.92	032.99	0
032	Potassium (%)	0164	0.7070	0.0300	0.7798	0.0802	0.0291	89	-0.91	032.44	0
032	Potassium (%)	0066	0.7100	0.0200	0.7798	0.0802	0.0291	89	-0.87	032.41	0
032	Potassium (%)	0148	0.7105	0.0430	0.7798	0.0802	0.0291	89	-0.86	032.41	0
032	Potassium (%)	0939	0.7150	0.0100	0.7798	0.0802	0.0291	89	-0.81	032.53	0
032	Potassium (%)	0354	0.7170	0.0020	0.7798	0.0802	0.0291	89	-0.78	032.43	0
032	Potassium (%)	0358	0.7200	0.0400	0.7798	0.0802	0.0291	89	-0.75	032.41	0
032	Potassium (%)	0202	0.7200	0.0600	0.7798	0.0802	0.0291	89	-0.75	032.43	0
032	Potassium (%)	0263	0.7230	0.0120	0.7798	0.0802	0.0291	89	-0.71	032.42	0
032	Potassium (%)	0010	0.7250	0.0100	0.7798	0.0802	0.0291	89	-0.68	032.43	0
032	Potassium (%)	0013	0.7250	0.0300	0.7798	0.0802	0.0291	89	-0.68	032.43	0
032	Potassium (%)	0036	0.7327	0.0061	0.7798	0.0802	0.0291	89	-0.59	032.43	0
032	Potassium (%)	0083	0.7360	0.0280	0.7798	0.0802	0.0291	89	-0.55	032.43	0
032	Potassium (%)	0357	0.7383	0.0133	0.7798	0.0802	0.0291	89	-0.52	032.42	0
032	Potassium (%)	0910	0.7400	0.0400	0.7798	0.0802	0.0291	89	-0.50	032.41	0
032	Potassium (%)	2089	0.7400	0.0000	0.7798	0.0802	0.0291	89	-0.50	032.43	0
032	Potassium (%)	0042	0.7420	0.0060	0.7798	0.0802	0.0291	89	-0.47	032.42	0
032	Potassium (%)	0098	0.7450	0.1500	0.7798	0.0802	0.0291	89	-0.43	032.41	0
032	Potassium (%)	0049	0.7500	0.0200	0.7798	0.0802	0.0291	89	-0.37	032.41	0
032	Potassium (%)	0682	0.7500	0.0000	0.7798	0.0802	0.0291	89	-0.37	032.43	0
032	Potassium (%)	0941	0.7560	0.0067	0.7798	0.0802	0.0291	89	-0.30	032.43	0
032	Potassium (%)	0345	0.7575	0.0110	0.7798	0.0802	0.0291	89	-0.28	032.43	0
032	Potassium (%)	0413	0.7600	0.0600	0.7798	0.0802	0.0291	89	-0.25	032.42	0
032	Potassium (%)	0098	0.7600	0.0200	0.7798	0.0802	0.0291	89	-0.25	032.43	0
032	Potassium (%)	0123	0.7600	0.0000	0.7798	0.0802	0.0291	89	-0.25	032.99	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
032	Potassium (%)	0242	0.7600	0.0000	0.7798	0.0802	0.0291	89	-0.25	032.99	0
032	Potassium (%)	0610	0.7650	0.0100	0.7798	0.0802	0.0291	89	-0.18	032.43	0
032	Potassium (%)	2375	0.7700	0.0600	0.7798	0.0802	0.0291	89	-0.12	032.42	0
032	Potassium (%)	0045	0.7750	0.0900	0.7798	0.0802	0.0291	89	-0.06	032.42	0
032	Potassium (%)	0726	0.7750	0.0100	0.7798	0.0802	0.0291	89	-0.06	032.42	0
032	Potassium (%)	0035	0.7750	0.0100	0.7798	0.0802	0.0291	89	-0.06	032.43	0
032	Potassium (%)	0100	0.7750	0.0100	0.7798	0.0802	0.0291	89	-0.06	032.99	0
032	Potassium (%)	0948	0.7755	0.0110	0.7798	0.0802	0.0291	89	-0.05	032.31	0
032	Potassium (%)	0037	0.7755	0.0070	0.7798	0.0802	0.0291	89	-0.05	032.42	0
032	Potassium (%)	2055	0.7781	0.0006	0.7798	0.0802	0.0291	89	-0.02	032.43	0
032	Potassium (%)	0171	0.7800	0.0400	0.7798	0.0802	0.0291	89	0.00	032.41	0
032	Potassium (%)	0510	0.7800	0.0600	0.7798	0.0802	0.0291	89	0.00	032.43	0
032	Potassium (%)	0407	0.7824	0.0456	0.7798	0.0802	0.0291	89	0.03	032.43	0
032	Potassium (%)	0529	0.7850	0.0100	0.7798	0.0802	0.0291	89	0.07	032.31	0
032	Potassium (%)	2319	0.7850	0.0100	0.7798	0.0802	0.0291	89	0.07	032.52	0
032	Potassium (%)	0039	0.7892	0.0202	0.7798	0.0802	0.0291	89	0.12	032.44	0
032	Potassium (%)	0074	0.7900	0.0200	0.7798	0.0802	0.0291	89	0.13	032.41	0
032	Potassium (%)	0508	0.7936	0.0408	0.7798	0.0802	0.0291	89	0.17	032.43	0
032	Potassium (%)	2146	0.7950	0.0500	0.7798	0.0802	0.0291	89	0.19	032.32	0
032	Potassium (%)	0169	0.8000	0.0200	0.7798	0.0802	0.0291	89	0.25	032.32	0
032	Potassium (%)	0017	0.8018	0.0176	0.7798	0.0802	0.0291	89	0.27	032.43	0
032	Potassium (%)	2259	0.8025	0.1690	0.7798	0.0802	0.0291	89	0.28	032.41	0
032	Potassium (%)	0407	0.8046	0.1236	0.7798	0.0802	0.0291	89	0.31	032.53	0
032	Potassium (%)	0590	0.8050	0.0300	0.7798	0.0802	0.0291	89	0.31	032.99	0
032	Potassium (%)	0009	0.8097	0.0637	0.7798	0.0802	0.0291	89	0.37	032.42	0
032	Potassium (%)	0675	0.8100	0.0200	0.7798	0.0802	0.0291	89	0.38	032.43	0
032	Potassium (%)	0504	0.8125	0.0190	0.7798	0.0802	0.0291	89	0.41	032.42	0
032	Potassium (%)	0297	0.8150	0.0100	0.7798	0.0802	0.0291	89	0.44	032.43	0
032	Potassium (%)	0870	0.8220	0.0327	0.7798	0.0802	0.0291	89	0.53	032.43	0
032	Potassium (%)	0144	0.8250	0.0100	0.7798	0.0802	0.0291	89	0.56	032.41	0
032	Potassium (%)	0692	0.8250	0.1700	0.7798	0.0802	0.0291	89	0.56	032.42	0
032	Potassium (%)	2196	0.8400	0.0000	0.7798	0.0802	0.0291	89	0.75	032.31	0
032	Potassium (%)	0563	0.8423	0.0181	0.7798	0.0802	0.0291	89	0.78	032.31	0
032	Potassium (%)	0598	0.8457	0.0175	0.7798	0.0802	0.0291	89	0.82	032.41	0
032	Potassium (%)	0278	0.8550	0.0300	0.7798	0.0802	0.0291	89	0.94	032.42	0
032	Potassium (%)	2114	0.8603	0.0154	0.7798	0.0802	0.0291	89	1.00	032.44	0
032	Potassium (%)	0027	0.8705	0.0230	0.7798	0.0802	0.0291	89	1.13	032.43	0
032	Potassium (%)	2326	0.8800	0.0200	0.7798	0.0802	0.0291	89	1.25	032.43	0
032	Potassium (%)	0019	0.8950	0.0900	0.7798	0.0802	0.0291	89	1.44	032.41	0
032	Potassium (%)	0505	0.9000	0.0400	0.7798	0.0802	0.0291	89	1.50	032.43	0
032	Potassium (%)	0407	0.9090	0.2078	0.7798	0.0802	0.0291	89	1.61	032.41	0
032	Potassium (%)	0889	0.9100	0.0800	0.7798	0.0802	0.0291	89	1.62	032.99	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
032	Potassium (%)	0004	0.9650	0.0500	0.7798	0.0802	0.0291	89	2.31	032.41	0
032	Potassium (%)	0968	1.089	0.0030	0.7798	0.0802	0.0291	89	3.85	032.43	0
032	Potassium (%)	0226	1.100	0.0200	0.7798	0.0802	0.0291	89	3.99	032.41	0
032	Potassium (%)	2434	1.110	0.0000	0.7798	0.0802	0.0291	89	4.12	032.08	0
032	Potassium (%)	2445	1.145	0.0100	0.7798	0.0802	0.0291	89	4.56	032.43	0
032	Potassium (%)	0366	1.225	0.0700	0.7798	0.0802	0.0291	89	5.55	032.42	0
032	Potassium (%)	0026	1.316	0.1030	0.7798	0.0802	0.0291	89	6.68	032.42	0
032	Potassium (%)	0964	1.695	0.0108	0.7798	0.0802	0.0291	89	11.41	032.43	0
032	Potassium (%)	0964	1.781	0.0551	0.7798	0.0802	0.0291	89	12.50	032.41	0
032	Potassium (%)	0693	0.9845	0.4590	0.7798	0.0802	0.0291	89	2.55	032.42	1
033	Salt as chloride (%)	2076	10.16	0.0000	16.63	0.9049	0.2828	47	-7.15	033.03	0
033	Salt as chloride (%)	0366	10.25	0.3000	16.63	0.9049	0.2828	47	-7.05	033.00	0
033	Salt as chloride (%)	2433	10.30	0.0320	16.63	0.9049	0.2828	47	-6.99	033.05	0
033	Salt as chloride (%)	2434	14.20	0.0000	16.63	0.9049	0.2828	47	-2.69	033.05	0
033	Salt as chloride (%)	0353	15.28	0.0800	16.63	0.9049	0.2828	47	-1.49	033.00	0
033	Salt as chloride (%)	0682	15.30	0.0000	16.63	0.9049	0.2828	47	-1.47	033.01	0
033	Salt as chloride (%)	2193	15.52	0.1200	16.63	0.9049	0.2828	47	-1.23	033.00	0
033	Salt as chloride (%)	0539	15.58	0.7700	16.63	0.9049	0.2828	47	-1.17	033.00	0
033	Salt as chloride (%)	0004	15.71	0.3000	16.63	0.9049	0.2828	47	-1.02	033.01	0
033	Salt as chloride (%)	2129	15.85	0.3158	16.63	0.9049	0.2828	47	-0.87	033.99	0
033	Salt as chloride (%)	0042	16.15	0.5000	16.63	0.9049	0.2828	47	-0.53	033.99	0
033	Salt as chloride (%)	0413	16.20	0.6000	16.63	0.9049	0.2828	47	-0.48	033.01	0
033	Salt as chloride (%)	0675	16.25	0.1000	16.63	0.9049	0.2828	47	-0.42	033.00	0
033	Salt as chloride (%)	0407	16.27	0.0920	16.63	0.9049	0.2828	47	-0.39	033.01	0
033	Salt as chloride (%)	0017	16.29	0.7921	16.63	0.9049	0.2828	47	-0.38	033.99	0
033	Salt as chloride (%)	0693	16.34	0.0330	16.63	0.9049	0.2828	47	-0.32	033.00	0
033	Salt as chloride (%)	0619	16.40	0.8000	16.63	0.9049	0.2828	47	-0.25	033.01	0
033	Salt as chloride (%)	0354	16.41	0.0110	16.63	0.9049	0.2828	47	-0.24	033.01	0
033	Salt as chloride (%)	2246	16.46	0.3100	16.63	0.9049	0.2828	47	-0.19	033.99	0
033	Salt as chloride (%)	2337	16.46	0.0200	16.63	0.9049	0.2828	47	-0.19	033.00	0
033	Salt as chloride (%)	0511	16.48	0.3600	16.63	0.9049	0.2828	47	-0.17	033.00	0
033	Salt as chloride (%)	0689	16.48	0.0600	16.63	0.9049	0.2828	47	-0.17	033.05	0
033	Salt as chloride (%)	0083	16.59	0.0400	16.63	0.9049	0.2828	47	-0.04	033.01	0
033	Salt as chloride (%)	0098	16.70	0.5100	16.63	0.9049	0.2828	47	0.07	033.01	0
033	Salt as chloride (%)	2190	16.74	0.6699	16.63	0.9049	0.2828	47	0.12	033.01	0
033	Salt as chloride (%)	0505	16.80	0.0100	16.63	0.9049	0.2828	47	0.18	033.03	0
033	Salt as chloride (%)	0164	16.80	0.2000	16.63	0.9049	0.2828	47	0.19	033.01	0
033	Salt as chloride (%)	0885	16.88	0.3300	16.63	0.9049	0.2828	47	0.27	033.00	0
033	Salt as chloride (%)	2319	16.93	0.1200	16.63	0.9049	0.2828	47	0.33	033.01	0
033	Salt as chloride (%)	0010	16.99	0.1100	16.63	0.9049	0.2828	47	0.39	033.01	0
033	Salt as chloride (%)	0036	17.04	0.3237	16.63	0.9049	0.2828	47	0.46	033.01	0
033	Salt as chloride (%)	0027	17.05	0.2990	16.63	0.9049	0.2828	47	0.46	033.99	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
033	Salt as chloride (%)	0148	17.14	0.1500	16.63	0.9049	0.2828	47	0.56	033.01	0
033	Salt as chloride (%)	0358	17.14	0.6800	16.63	0.9049	0.2828	47	0.56	033.99	0
033	Salt as chloride (%)	2009	17.24	0.0813	16.63	0.9049	0.2828	47	0.67	033.00	0
033	Salt as chloride (%)	2196	17.28	0.0000	16.63	0.9049	0.2828	47	0.72	033.00	0
033	Salt as chloride (%)	0019	17.37	0.5300	16.63	0.9049	0.2828	47	0.81	033.01	0
033	Salt as chloride (%)	2144	17.38	0.0700	16.63	0.9049	0.2828	47	0.82	033.99	0
033	Salt as chloride (%)	0226	17.38	0.1200	16.63	0.9049	0.2828	47	0.83	033.01	0
033	Salt as chloride (%)	2268	17.45	0.6500	16.63	0.9049	0.2828	47	0.90	033.01	0
033	Salt as chloride (%)	0510	17.50	0.1480	16.63	0.9049	0.2828	47	0.97	033.01	0
033	Salt as chloride (%)	2326	17.56	0.1300	16.63	0.9049	0.2828	47	1.02	033.99	0
033	Salt as chloride (%)	2375	17.61	0.0000	16.63	0.9049	0.2828	47	1.08	033.01	0
033	Salt as chloride (%)	0171	17.63	0.0600	16.63	0.9049	0.2828	47	1.10	033.05	0
033	Salt as chloride (%)	0045	18.35	0.5000	16.63	0.9049	0.2828	47	1.90	033.00	0
033	Salt as chloride (%)	0596	19.19	0.1700	16.63	0.9049	0.2828	47	2.82	033.01	0
033	Salt as chloride (%)	0904	19.39	1.280	16.63	0.9049	0.2828	47	3.05	033.99	0
033	Salt as chloride (%)	0726	18.53	1.650	16.63	0.9049	0.2828	47	2.09	033.03	1
034	Selenium, Total (Se) (ppm)	0904	7.430	1.000	19.52	2.902	0.8061	34	-4.17	034.04	0
034	Selenium, Total (Se) (ppm)	2114	11.80	0.7100	19.52	2.902	0.8061	34	-2.66	034.43	0
034	Selenium, Total (Se) (ppm)	0171	14.25	0.1000	19.52	2.902	0.8061	34	-1.82	034.04	0
034	Selenium, Total (Se) (ppm)	0723	16.26	0.1500	19.52	2.902	0.8061	34	-1.13	034.43	0
034	Selenium, Total (Se) (ppm)	0619	16.60	4.000	19.52	2.902	0.8061	34	-1.01	034.41	0
034	Selenium, Total (Se) (ppm)	2259	16.66	0.2300	19.52	2.902	0.8061	34	-0.99	034.41	0
034	Selenium, Total (Se) (ppm)	0910	16.78	1.110	19.52	2.902	0.8061	34	-0.95	034.52	0
034	Selenium, Total (Se) (ppm)	0009	17.76	0.7942	19.52	2.902	0.8061	34	-0.61	034.53	0
034	Selenium, Total (Se) (ppm)	0692	18.06	0.6200	19.52	2.902	0.8061	34	-0.50	034.42	0
034	Selenium, Total (Se) (ppm)	0186	18.09	1.010	19.52	2.902	0.8061	34	-0.50	034.52	0
034	Selenium, Total (Se) (ppm)	0505	18.52	0.1900	19.52	2.902	0.8061	34	-0.35	034.43	0
034	Selenium, Total (Se) (ppm)	0066	18.52	0.6200	19.52	2.902	0.8061	34	-0.35	034.43	0
034	Selenium, Total (Se) (ppm)	0148	18.68	3.380	19.52	2.902	0.8061	34	-0.29	034.41	0
034	Selenium, Total (Se) (ppm)	0013	18.85	0.1000	19.52	2.902	0.8061	34	-0.23	034.53	0
034	Selenium, Total (Se) (ppm)	0169	19.05	0.1000	19.52	2.902	0.8061	34	-0.16	034.04	0
034	Selenium, Total (Se) (ppm)	0968	19.08	0.1600	19.52	2.902	0.8061	34	-0.15	034.43	0
034	Selenium, Total (Se) (ppm)	0160	19.20	1.200	19.52	2.902	0.8061	34	-0.11	034.42	0
034	Selenium, Total (Se) (ppm)	0596	19.25	0.9000	19.52	2.902	0.8061	34	-0.09	034.34	0
034	Selenium, Total (Se) (ppm)	0941	19.40	1.800	19.52	2.902	0.8061	34	-0.04	034.43	0
034	Selenium, Total (Se) (ppm)	0508	20.01	0.9250	19.52	2.902	0.8061	34	0.17	034.43	0
034	Selenium, Total (Se) (ppm)	0047	20.06	1.480	19.52	2.902	0.8061	34	0.18	034.52	0
034	Selenium, Total (Se) (ppm)	0038	20.10	0.8000	19.52	2.902	0.8061	34	0.20	034.01	0
034	Selenium, Total (Se) (ppm)	0042	20.10	0.4000	19.52	2.902	0.8061	34	0.20	034.42	0
034	Selenium, Total (Se) (ppm)	0278	20.26	0.1500	19.52	2.902	0.8061	34	0.25	034.53	0
034	Selenium, Total (Se) (ppm)	0610	21.05	2.100	19.52	2.902	0.8061	34	0.53	034.43	0
034	Selenium, Total (Se) (ppm)	0027	21.31	0.3700	19.52	2.902	0.8061	34	0.62	034.43	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
034	Selenium, Total (Se) (ppm)	2146	21.77	0.7300	19.52	2.902	0.8061	34	0.77	034.52	0
034	Selenium, Total (Se) (ppm)	0560	22.39	0.6748	19.52	2.902	0.8061	34	0.99	034.53	0
034	Selenium, Total (Se) (ppm)	0939	22.61	1.440	19.52	2.902	0.8061	34	1.06	034.53	0
034	Selenium, Total (Se) (ppm)	0036	23.05	0.3000	19.52	2.902	0.8061	34	1.21	034.43	0
034	Selenium, Total (Se) (ppm)	0164	23.25	1.300	19.52	2.902	0.8061	34	1.28	034.53	0
034	Selenium, Total (Se) (ppm)	0682	24.30	0.0000	19.52	2.902	0.8061	34	1.65	034.43	0
034	Selenium, Total (Se) (ppm)	2445	24.37	0.3100	19.52	2.902	0.8061	34	1.67	034.43	0
034	Selenium, Total (Se) (ppm)	0407	26.00	1.639	19.52	2.902	0.8061	34	2.23	034.53	0
034	Selenium, Total (Se) (ppm)	0045	15.75	6.900	19.52	2.902	0.8061	34	-1.30	034.04	1
035	Sodium (%)	0964	0.2197	0.0008	6.425	0.5375	0.1724	74	-11.54	035.43	0
035	Sodium (%)	0964	0.2419	0.0046	6.425	0.5375	0.1724	74	-11.50	035.41	0
035	Sodium (%)	0108	0.2750	0.0100	6.425	0.5375	0.1724	74	-11.44	035.05	0
035	Sodium (%)	0889	0.7225	0.0250	6.425	0.5375	0.1724	74	-10.61	035.99	0
035	Sodium (%)	0353	4.245	0.1500	6.425	0.5375	0.1724	74	-4.06	035.43	0
035	Sodium (%)	0622	4.888	0.0153	6.425	0.5375	0.1724	74	-2.86	035.31	0
035	Sodium (%)	0536	5.140	0.0600	6.425	0.5375	0.1724	74	-2.39	035.31	0
035	Sodium (%)	0297	5.560	0.0400	6.425	0.5375	0.1724	74	-1.61	035.43	0
035	Sodium (%)	0870	5.578	0.1610	6.425	0.5375	0.1724	74	-1.58	035.43	0
035	Sodium (%)	0202	5.755	0.2500	6.425	0.5375	0.1724	74	-1.25	035.43	0
035	Sodium (%)	0407	5.813	0.4810	6.425	0.5375	0.1724	74	-1.14	035.53	0
035	Sodium (%)	0278	5.820	0.3600	6.425	0.5375	0.1724	74	-1.13	035.42	0
035	Sodium (%)	0049	5.985	0.0700	6.425	0.5375	0.1724	74	-0.82	035.41	0
035	Sodium (%)	0160	6.025	0.1900	6.425	0.5375	0.1724	74	-0.74	035.42	0
035	Sodium (%)	0598	6.063	0.0312	6.425	0.5375	0.1724	74	-0.67	035.41	0
035	Sodium (%)	0226	6.065	0.1300	6.425	0.5375	0.1724	74	-0.67	035.43	0
035	Sodium (%)	2196	6.070	0.0000	6.425	0.5375	0.1724	74	-0.66	035.31	0
035	Sodium (%)	0169	6.070	0.1400	6.425	0.5375	0.1724	74	-0.66	035.32	0
035	Sodium (%)	0045	6.085	0.5900	6.425	0.5375	0.1724	74	-0.63	035.42	0
035	Sodium (%)	0504	6.100	0.3200	6.425	0.5375	0.1724	74	-0.60	035.42	0
035	Sodium (%)	2146	6.110	0.0600	6.425	0.5375	0.1724	74	-0.59	035.32	0
035	Sodium (%)	0354	6.146	0.0680	6.425	0.5375	0.1724	74	-0.52	035.43	0
035	Sodium (%)	0366	6.185	0.1300	6.425	0.5375	0.1724	74	-0.45	035.42	0
035	Sodium (%)	2146	6.215	0.1700	6.425	0.5375	0.1724	74	-0.39	035.52	0
035	Sodium (%)	2114	6.222	0.1303	6.425	0.5375	0.1724	74	-0.38	035.41	0
035	Sodium (%)	0682	6.230	0.0000	6.425	0.5375	0.1724	74	-0.36	035.43	0
035	Sodium (%)	0968	6.263	0.1000	6.425	0.5375	0.1724	74	-0.30	035.43	0
035	Sodium (%)	0035	6.285	0.1300	6.425	0.5375	0.1724	74	-0.26	035.43	0
035	Sodium (%)	0357	6.309	0.0201	6.425	0.5375	0.1724	74	-0.22	035.42	0
035	Sodium (%)	0590	6.350	0.2000	6.425	0.5375	0.1724	74	-0.14	035.99	0
035	Sodium (%)	0042	6.365	0.1900	6.425	0.5375	0.1724	74	-0.11	035.42	0
035	Sodium (%)	2375	6.365	0.1500	6.425	0.5375	0.1724	74	-0.11	035.42	0
035	Sodium (%)	2129	6.400	0.4960	6.425	0.5375	0.1724	74	-0.05	035.42	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
035	Sodium (%)	0148	6.410	0.2200	6.425	0.5375	0.1724	74	-0.03	035.41	0
035	Sodium (%)	0939	6.415	0.2700	6.425	0.5375	0.1724	74	-0.02	035.31	0
035	Sodium (%)	0066	6.415	0.0900	6.425	0.5375	0.1724	74	-0.02	035.41	0
035	Sodium (%)	0910	6.430	0.6000	6.425	0.5375	0.1724	74	0.01	035.41	0
035	Sodium (%)	0941	6.450	0.0300	6.425	0.5375	0.1724	74	0.05	035.43	0
035	Sodium (%)	0675	6.470	0.1200	6.425	0.5375	0.1724	74	0.08	035.43	0
035	Sodium (%)	0511	6.485	0.1300	6.425	0.5375	0.1724	74	0.11	035.43	0
035	Sodium (%)	0563	6.507	0.0138	6.425	0.5375	0.1724	74	0.15	035.31	0
035	Sodium (%)	0083	6.520	0.2400	6.425	0.5375	0.1724	74	0.18	035.43	0
035	Sodium (%)	0229	6.555	0.1100	6.425	0.5375	0.1724	74	0.24	035.41	0
035	Sodium (%)	0098	6.555	0.2100	6.425	0.5375	0.1724	74	0.24	035.43	0
035	Sodium (%)	0242	6.570	0.0000	6.425	0.5375	0.1724	74	0.27	035.99	0
035	Sodium (%)	0870	6.585	0.0490	6.425	0.5375	0.1724	74	0.30	035.42	0
035	Sodium (%)	0939	6.585	0.0700	6.425	0.5375	0.1724	74	0.30	035.53	0
035	Sodium (%)	0619	6.615	0.0100	6.425	0.5375	0.1724	74	0.35	035.41	0
035	Sodium (%)	2089	6.630	0.0200	6.425	0.5375	0.1724	74	0.38	035.43	0
035	Sodium (%)	0948	6.641	0.0710	6.425	0.5375	0.1724	74	0.40	035.31	0
035	Sodium (%)	0100	6.680	0.5200	6.425	0.5375	0.1724	74	0.47	035.99	0
035	Sodium (%)	0164	6.685	0.0100	6.425	0.5375	0.1724	74	0.48	035.41	0
035	Sodium (%)	0876	6.700	0.2000	6.425	0.5375	0.1724	74	0.51	035.43	0
035	Sodium (%)	2055	6.702	0.2454	6.425	0.5375	0.1724	74	0.52	035.43	0
035	Sodium (%)	0004	6.725	0.3700	6.425	0.5375	0.1724	74	0.56	035.41	0
035	Sodium (%)	2319	6.740	0.1800	6.425	0.5375	0.1724	74	0.59	035.42	0
035	Sodium (%)	2433	6.742	0.1088	6.425	0.5375	0.1724	74	0.59	035.42	0
035	Sodium (%)	0505	6.760	0.4600	6.425	0.5375	0.1724	74	0.62	035.43	0
035	Sodium (%)	0610	6.775	0.0700	6.425	0.5375	0.1724	74	0.65	035.43	0
035	Sodium (%)	0263	6.810	0.0230	6.425	0.5375	0.1724	74	0.72	035.42	0
035	Sodium (%)	0098	6.825	0.0100	6.425	0.5375	0.1724	74	0.74	035.41	0
035	Sodium (%)	0693	6.913	0.8090	6.425	0.5375	0.1724	74	0.91	035.42	0
035	Sodium (%)	0037	6.997	0.5090	6.425	0.5375	0.1724	74	1.06	035.42	0
035	Sodium (%)	2326	7.000	0.4000	6.425	0.5375	0.1724	74	1.07	035.43	0
035	Sodium (%)	0345	7.058	0.0950	6.425	0.5375	0.1724	74	1.18	035.43	0
035	Sodium (%)	0226	7.060	0.1800	6.425	0.5375	0.1724	74	1.18	035.41	0
035	Sodium (%)	0123	7.115	0.0700	6.425	0.5375	0.1724	74	1.28	035.99	0
035	Sodium (%)	0144	7.125	0.1500	6.425	0.5375	0.1724	74	1.30	035.41	0
035	Sodium (%)	0407	7.201	0.4612	6.425	0.5375	0.1724	74	1.44	035.41	0
035	Sodium (%)	0407	7.205	0.2931	6.425	0.5375	0.1724	74	1.45	035.43	0
035	Sodium (%)	0510	7.229	0.0220	6.425	0.5375	0.1724	74	1.50	035.43	0
035	Sodium (%)	0413	7.310	0.3400	6.425	0.5375	0.1724	74	1.65	035.42	0
035	Sodium (%)	0692	7.805	0.5900	6.425	0.5375	0.1724	74	2.57	035.42	0
035	Sodium (%)	0529	10.06	0.4060	6.425	0.5375	0.1724	74	6.76	035.31	0
035	Sodium (%)	0358	6.210	1.340	6.425	0.5375	0.1724	74	-0.40	035.41	1



Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
035	Sodium (%)	0039	6.691	1.376	6.425	0.5375	0.1724	74	0.50	035.41	1
036	Sulfur (%)	0964	0.4467	0.0153	0.6678	0.0883	0.0229	47	-2.50	036.43	0
036	Sulfur (%)	0910	0.4710	0.0436	0.6678	0.0883	0.0229	47	-2.23	036.42	0
036	Sulfur (%)	0353	0.4850	0.0300	0.6678	0.0883	0.0229	47	-2.07	036.43	0
036	Sulfur (%)	0889	0.5000	0.0100	0.6678	0.0883	0.0229	47	-1.90	036.99	0
036	Sulfur (%)	0904	0.5400	0.0400	0.6678	0.0883	0.0229	47	-1.45	036.99	0
036	Sulfur (%)	0148	0.5410	0.0180	0.6678	0.0883	0.0229	47	-1.44	036.04	0
036	Sulfur (%)	0610	0.5700	0.0000	0.6678	0.0883	0.0229	47	-1.11	036.04	0
036	Sulfur (%)	0708	0.5740	0.0040	0.6678	0.0883	0.0229	47	-1.06	036.42	0
036	Sulfur (%)	0226	0.5750	0.0100	0.6678	0.0883	0.0229	47	-1.05	036.04	0
036	Sulfur (%)	0202	0.5800	0.0600	0.6678	0.0883	0.0229	47	-0.99	036.43	0
036	Sulfur (%)	0042	0.5875	0.0030	0.6678	0.0883	0.0229	47	-0.91	036.42	0
036	Sulfur (%)	0366	0.6050	0.0100	0.6678	0.0883	0.0229	47	-0.71	036.42	0
036	Sulfur (%)	0407	0.6283	0.0262	0.6678	0.0883	0.0229	47	-0.45	036.43	0
036	Sulfur (%)	0242	0.6300	0.0200	0.6678	0.0883	0.0229	47	-0.43	036.99	0
036	Sulfur (%)	2375	0.6350	0.0100	0.6678	0.0883	0.0229	47	-0.37	036.42	0
036	Sulfur (%)	0407	0.6500	0.0033	0.6678	0.0883	0.0229	47	-0.20	036.42	0
036	Sulfur (%)	0045	0.6500	0.1400	0.6678	0.0883	0.0229	47	-0.20	036.42	0
036	Sulfur (%)	0297	0.6500	0.0000	0.6678	0.0883	0.0229	47	-0.20	036.43	0
036	Sulfur (%)	0037	0.6520	0.0180	0.6678	0.0883	0.0229	47	-0.18	036.42	0
036	Sulfur (%)	0682	0.6600	0.0000	0.6678	0.0883	0.0229	47	-0.09	036.43	0
036	Sulfur (%)	0357	0.6633	0.0064	0.6678	0.0883	0.0229	47	-0.05	036.42	0
036	Sulfur (%)	0186	0.6643	0.0435	0.6678	0.0883	0.0229	47	-0.04	036.52	0
036	Sulfur (%)	0968	0.6645	0.0010	0.6678	0.0883	0.0229	47	-0.04	036.43	0
036	Sulfur (%)	0226	0.6750	0.0100	0.6678	0.0883	0.0229	47	0.08	036.43	0
036	Sulfur (%)	0870	0.6800	0.0243	0.6678	0.0883	0.0229	47	0.14	036.42	0
036	Sulfur (%)	0345	0.6860	0.0060	0.6678	0.0883	0.0229	47	0.21	036.43	0
036	Sulfur (%)	0035	0.6900	0.0400	0.6678	0.0883	0.0229	47	0.25	036.43	0
036	Sulfur (%)	0505	0.6965	0.0190	0.6678	0.0883	0.0229	47	0.32	036.43	0
036	Sulfur (%)	0038	0.6980	0.0700	0.6678	0.0883	0.0229	47	0.34	036.43	0
036	Sulfur (%)	0098	0.7013	0.0019	0.6678	0.0883	0.0229	47	0.38	036.43	0
036	Sulfur (%)	0870	0.7059	0.0456	0.6678	0.0883	0.0229	47	0.43	036.43	0
036	Sulfur (%)	0038	0.7070	0.0000	0.6678	0.0883	0.0229	47	0.44	036.00	0
036	Sulfur (%)	0169	0.7150	0.0100	0.6678	0.0883	0.0229	47	0.53	036.43	0
036	Sulfur (%)	0508	0.7172	0.0222	0.6678	0.0883	0.0229	47	0.56	036.43	0
036	Sulfur (%)	0164	0.7300	0.0400	0.6678	0.0883	0.0229	47	0.70	036.42	0
036	Sulfur (%)	0043	0.7320	0.0080	0.6678	0.0883	0.0229	47	0.73	036.53	0
036	Sulfur (%)	0083	0.7350	0.0100	0.6678	0.0883	0.0229	47	0.76	036.43	0
036	Sulfur (%)	0693	0.7355	0.0070	0.6678	0.0883	0.0229	47	0.77	036.42	0
036	Sulfur (%)	0027	0.7360	0.0220	0.6678	0.0883	0.0229	47	0.77	036.43	0
036	Sulfur (%)	0876	0.7400	0.1000	0.6678	0.0883	0.0229	47	0.82	036.43	0
036	Sulfur (%)	2326	0.7450	0.0100	0.6678	0.0883	0.0229	47	0.87	036.43	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
036	Sulfur (%)	0510	0.7600	0.0400	0.6678	0.0883	0.0229	47	1.04	036.43	0
036	Sulfur (%)	0726	0.7700	0.0200	0.6678	0.0883	0.0229	47	1.16	036.42	0
036	Sulfur (%)	0278	0.7800	0.0200	0.6678	0.0883	0.0229	47	1.27	036.42	0
036	Sulfur (%)	2089	0.7900	0.0400	0.6678	0.0883	0.0229	47	1.38	036.43	0
036	Sulfur (%)	0941	0.9420	0.0371	0.6678	0.0883	0.0229	47	3.10	036.43	0
036	Sulfur (%)	0001	0.9600	0.0380	0.6678	0.0883	0.0229	47	3.31	036.04	0
036	Sulfur (%)	2129	0.5285	0.1606	0.6678	0.0883	0.0229	47	-1.58	036.42	1
036	Sulfur (%)	0692	0.5550	0.2100	0.6678	0.0883	0.0229	47	-1.28	036.42	1
037	Zinc (ppm)	0345	0.2275	0.0030	2,540	287.4	105.1	99	-8.84	037.43	0
037	Zinc (ppm)	2325	0.2800	0.0000	2,540	287.4	105.1	99	-8.84	037.32	0
037	Zinc (ppm)	0964	76.20	10.00	2,540	287.4	105.1	99	-8.57	037.41	0
037	Zinc (ppm)	0353	1,557	45.00	2,540	287.4	105.1	99	-3.42	037.43	0
037	Zinc (ppm)	0619	1,862	280.0	2,540	287.4	105.1	99	-2.36	037.41	0
037	Zinc (ppm)	0511	1,907	89.00	2,540	287.4	105.1	99	-2.20	037.43	0
037	Zinc (ppm)	0123	1,946	163.0	2,540	287.4	105.1	99	-2.07	037.99	0
037	Zinc (ppm)	0870	1,961	6.000	2,540	287.4	105.1	99	-2.01	037.43	0
037	Zinc (ppm)	0870	2,084	104.0	2,540	287.4	105.1	99	-1.59	037.42	0
037	Zinc (ppm)	0042	2,108	72.00	2,540	287.4	105.1	99	-1.50	037.42	0
037	Zinc (ppm)	0242	2,126	17.00	2,540	287.4	105.1	99	-1.44	037.99	0
037	Zinc (ppm)	0354	2,139	29.63	2,540	287.4	105.1	99	-1.39	037.43	0
037	Zinc (ppm)	0226	2,164	22.00	2,540	287.4	105.1	99	-1.31	037.43	0
037	Zinc (ppm)	0682	2,210	0.0000	2,540	287.4	105.1	99	-1.15	037.43	0
037	Zinc (ppm)	0508	2,242	190.8	2,540	287.4	105.1	99	-1.04	037.43	0
037	Zinc (ppm)	0848	2,253	105.3	2,540	287.4	105.1	99	-1.00	037.41	0
037	Zinc (ppm)	0968	2,254	46.80	2,540	287.4	105.1	99	-0.99	037.43	0
037	Zinc (ppm)	0045	2,265	470.0	2,540	287.4	105.1	99	-0.96	037.42	0
037	Zinc (ppm)	0357	2,266	29.09	2,540	287.4	105.1	99	-0.95	037.42	0
037	Zinc (ppm)	2089	2,268	128.8	2,540	287.4	105.1	99	-0.95	037.43	0
037	Zinc (ppm)	0675	2,287	90.86	2,540	287.4	105.1	99	-0.88	037.43	0
037	Zinc (ppm)	0723	2,312	30.60	2,540	287.4	105.1	99	-0.79	037.44	0
037	Zinc (ppm)	0039	2,335	687.0	2,540	287.4	105.1	99	-0.71	037.44	0
037	Zinc (ppm)	2433	2,355	10.84	2,540	287.4	105.1	99	-0.64	037.42	0
037	Zinc (ppm)	0066	2,355	114.4	2,540	287.4	105.1	99	-0.64	037.44	0
037	Zinc (ppm)	0505	2,365	118.0	2,540	287.4	105.1	99	-0.61	037.43	0
037	Zinc (ppm)	0083	2,387	20.27	2,540	287.4	105.1	99	-0.53	037.43	0
037	Zinc (ppm)	2445	2,387	52.42	2,540	287.4	105.1	99	-0.53	037.43	0
037	Zinc (ppm)	0202	2,390	153.0	2,540	287.4	105.1	99	-0.52	037.43	0
037	Zinc (ppm)	0598	2,396	4.657	2,540	287.4	105.1	99	-0.50	037.41	0
037	Zinc (ppm)	2259	2,403	94.00	2,540	287.4	105.1	99	-0.48	037.41	0
037	Zinc (ppm)	0035	2,410	42.00	2,540	287.4	105.1	99	-0.45	037.43	0
037	Zinc (ppm)	0171	2,415	110.0	2,540	287.4	105.1	99	-0.43	037.41	0
037	Zinc (ppm)	0358	2,420	29.13	2,540	287.4	105.1	99	-0.42	037.41	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
037	Zinc (ppm)	0610	2,430	120.0	2,540	287.4	105.1	99	-0.38	037.43	0
037	Zinc (ppm)	0510	2,440	40.00	2,540	287.4	105.1	99	-0.35	037.43	0
037	Zinc (ppm)	0889	2,449	73.19	2,540	287.4	105.1	99	-0.31	037.99	0
037	Zinc (ppm)	0910	2,454	318.0	2,540	287.4	105.1	99	-0.30	037.41	0
037	Zinc (ppm)	0028	2,461	514.0	2,540	287.4	105.1	99	-0.27	037.43	0
037	Zinc (ppm)	0689	2,477	24.00	2,540	287.4	105.1	99	-0.22	037.31	0
037	Zinc (ppm)	0148	2,490	240.3	2,540	287.4	105.1	99	-0.17	037.41	0
037	Zinc (ppm)	0010	2,507	2.000	2,540	287.4	105.1	99	-0.11	037.43	0
037	Zinc (ppm)	2055	2,511	111.0	2,540	287.4	105.1	99	-0.10	037.43	0
037	Zinc (ppm)	0017	2,530	306.1	2,540	287.4	105.1	99	-0.03	037.43	0
037	Zinc (ppm)	0529	2,531	81.30	2,540	287.4	105.1	99	-0.03	037.31	0
037	Zinc (ppm)	0848	2,537	3.975	2,540	287.4	105.1	99	-0.01	037.43	0
037	Zinc (ppm)	2319	2,550	160.0	2,540	287.4	105.1	99	0.04	037.42	0
037	Zinc (ppm)	0100	2,553	214.0	2,540	287.4	105.1	99	0.05	037.99	0
037	Zinc (ppm)	0229	2,564	3.000	2,540	287.4	105.1	99	0.08	037.41	0
037	Zinc (ppm)	0726	2,578	12.00	2,540	287.4	105.1	99	0.13	037.42	0
037	Zinc (ppm)	0407	2,591	27.98	2,540	287.4	105.1	99	0.18	037.41	0
037	Zinc (ppm)	0263	2,594	52.27	2,540	287.4	105.1	99	0.19	037.42	0
037	Zinc (ppm)	0939	2,595	28.00	2,540	287.4	105.1	99	0.19	037.53	0
037	Zinc (ppm)	0407	2,596	119.0	2,540	287.4	105.1	99	0.20	037.53	0
037	Zinc (ppm)	0098	2,599	148.0	2,540	287.4	105.1	99	0.21	037.43	0
037	Zinc (ppm)	0038	2,600	160.0	2,540	287.4	105.1	99	0.21	037.32	0
037	Zinc (ppm)	0504	2,602	73.00	2,540	287.4	105.1	99	0.21	037.42	0
037	Zinc (ppm)	0297	2,615	100.0	2,540	287.4	105.1	99	0.26	037.43	0
037	Zinc (ppm)	0948	2,623	216.5	2,540	287.4	105.1	99	0.29	037.33	0
037	Zinc (ppm)	0169	2,625	30.00	2,540	287.4	105.1	99	0.30	037.43	0
037	Zinc (ppm)	0019	2,628	181.0	2,540	287.4	105.1	99	0.31	037.41	0
037	Zinc (ppm)	0047	2,638	52.00	2,540	287.4	105.1	99	0.34	037.52	0
037	Zinc (ppm)	0407	2,648	284.6	2,540	287.4	105.1	99	0.38	037.43	0
037	Zinc (ppm)	0366	2,655	210.0	2,540	287.4	105.1	99	0.40	037.42	0
037	Zinc (ppm)	0009	2,666	455.0	2,540	287.4	105.1	99	0.44	037.42	0
037	Zinc (ppm)	0074	2,674	28.00	2,540	287.4	105.1	99	0.47	037.41	0
037	Zinc (ppm)	0226	2,678	36.37	2,540	287.4	105.1	99	0.48	037.41	0
037	Zinc (ppm)	0939	2,684	88.00	2,540	287.4	105.1	99	0.50	037.31	0
037	Zinc (ppm)	2196	2,695	0.0000	2,540	287.4	105.1	99	0.54	037.31	0
037	Zinc (ppm)	0164	2,700	60.00	2,540	287.4	105.1	99	0.56	037.44	0
037	Zinc (ppm)	2146	2,702	355.0	2,540	287.4	105.1	99	0.56	037.32	0
037	Zinc (ppm)	2022	2,710	160.0	2,540	287.4	105.1	99	0.59	037.31	0
037	Zinc (ppm)	0038	2,735	150.0	2,540	287.4	105.1	99	0.68	037.43	0
037	Zinc (ppm)	0013	2,750	300.0	2,540	287.4	105.1	99	0.73	037.43	0
037	Zinc (ppm)	0278	2,758	65.60	2,540	287.4	105.1	99	0.76	037.42	0
037	Zinc (ppm)	2114	2,760	18.00	2,540	287.4	105.1	99	0.76	037.44	0

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037	Zinc (ppm)	0001	2,762	16.00	2,540	287.4	105.1	99	0.77	037.31	0
037	Zinc (ppm)	2146	2,769	429.0	2,540	287.4	105.1	99	0.80	037.52	0
037	Zinc (ppm)	0563	2,770	24.55	2,540	287.4	105.1	99	0.80	037.31	0
037	Zinc (ppm)	0413	2,780	160.0	2,540	287.4	105.1	99	0.84	037.42	0
037	Zinc (ppm)	0590	2,788	45.00	2,540	287.4	105.1	99	0.86	037.99	0
037	Zinc (ppm)	0941	2,790	83.00	2,540	287.4	105.1	99	0.87	037.43	0
037	Zinc (ppm)	0876	2,791	6.100	2,540	287.4	105.1	99	0.88	037.43	0
037	Zinc (ppm)	0651	2,812	16.93	2,540	287.4	105.1	99	0.95	037.31	0
037	Zinc (ppm)	2022	2,813	168.6	2,540	287.4	105.1	99	0.95	037.33	0
037	Zinc (ppm)	0037	2,821	153.6	2,540	287.4	105.1	99	0.98	037.42	0
037	Zinc (ppm)	0674	2,828	0.0000	2,540	287.4	105.1	99	1.00	037.41	0
037	Zinc (ppm)	0043	2,852	22.12	2,540	287.4	105.1	99	1.09	037.53	0
037	Zinc (ppm)	0596	2,858	64.00	2,540	287.4	105.1	99	1.11	037.31	0
037	Zinc (ppm)	0536	2,875	20.00	2,540	287.4	105.1	99	1.17	037.31	0
037	Zinc (ppm)	0004	2,896	65.51	2,540	287.4	105.1	99	1.24	037.41	0
037	Zinc (ppm)	0098	2,913	273.0	2,540	287.4	105.1	99	1.30	037.41	0
037	Zinc (ppm)	0692	2,921	545.0	2,540	287.4	105.1	99	1.32	037.42	0
037	Zinc (ppm)	0693	2,932	520.3	2,540	287.4	105.1	99	1.37	037.42	0
037	Zinc (ppm)	2188	2,940	61.00	2,540	287.4	105.1	99	1.39	037.34	0
037	Zinc (ppm)	0026	2,946	461.4	2,540	287.4	105.1	99	1.41	037.42	0
037	Zinc (ppm)	2129	2,977	32.00	2,540	287.4	105.1	99	1.52	037.42	0
037	Zinc (ppm)	0027	3,142	122.0	2,540	287.4	105.1	99	2.10	037.43	0
037	Zinc (ppm)	2326	3,295	156.0	2,540	287.4	105.1	99	2.63	037.43	0
037	Zinc (ppm)	0049	2,445	903.3	2,540	287.4	105.1	99	-0.33	037.41	1
037	Zinc (ppm)	2375	3,005	718.0	2,540	287.4	105.1	99	1.62	037.42	1
038	Molybdenum (ppm)	0964	1.305	0.0900	5.731	2.758	0.3466	20	-1.60	038.41	0
038	Molybdenum (ppm)	0964	1.715	0.9500	5.731	2.758	0.3466	20	-1.46	038.43	0
038	Molybdenum (ppm)	0407	3.060	0.2048	5.731	2.758	0.3466	20	-0.97	038.43	0
038	Molybdenum (ppm)	0169	3.245	0.0100	5.731	2.758	0.3466	20	-0.90	038.43	0
038	Molybdenum (ppm)	0353	3.468	0.5131	5.731	2.758	0.3466	20	-0.82	038.43	0
038	Molybdenum (ppm)	0407	4.120	0.5501	5.731	2.758	0.3466	20	-0.58	038.53	0
038	Molybdenum (ppm)	0202	4.190	0.4200	5.731	2.758	0.3466	20	-0.56	038.43	0
038	Molybdenum (ppm)	0693	4.923	1.338	5.731	2.758	0.3466	20	-0.29	038.42	0
038	Molybdenum (ppm)	0042	5.515	0.1100	5.731	2.758	0.3466	20	-0.08	038.42	0
038	Molybdenum (ppm)	0407	5.942	0.4625	5.731	2.758	0.3466	20	0.08	038.41	0
038	Molybdenum (ppm)	0226	6.005	0.1700	5.731	2.758	0.3466	20	0.10	038.41	0
038	Molybdenum (ppm)	0123	6.045	0.4300	5.731	2.758	0.3466	20	0.11	038.99	0
038	Molybdenum (ppm)	0083	6.535	0.0100	5.731	2.758	0.3466	20	0.29	038.43	0
038	Molybdenum (ppm)	0297	6.550	0.7000	5.731	2.758	0.3466	20	0.30	038.43	0
038	Molybdenum (ppm)	0164	7.810	0.3000	5.731	2.758	0.3466	20	0.75	038.53	0
038	Molybdenum (ppm)	0939	8.005	0.0700	5.731	2.758	0.3466	20	0.82	038.53	0
038	Molybdenum (ppm)	0208	8.020	0.2200	5.731	2.758	0.3466	20	0.83	038.41	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
038	Molybdenum (ppm)	0366	8.650	0.1000	5.731	2.758	0.3466	20	1.06	038.42	0
038	Molybdenum (ppm)	0186	9.355	0.0607	5.731	2.758	0.3466	20	1.31	038.52	0
038	Molybdenum (ppm)	0278	16.04	1.240	5.731	2.758	0.3466	20	3.74	038.42	0
038	Molybdenum (ppm)	0692	8.000	6.000	5.731	2.758	0.3466	20	0.82	038.42	1
040	Barium (ppm)	2055	7.550	0.1000				2		040.43	0
040	Barium (ppm)	0407	9.948	0.3753				2		040.53	0
041	Vanadium (ppm)	0407	7.079	0.2837				1		041.53	0
042	Chloride (%)	2434	8.610	0.0000	10.11	0.5957	0.0850	8	-2.51	042.01	0
042	Chloride (%)	0619	9.630	0.1600	10.11	0.5957	0.0850	8	-0.80	042.00	0
042	Chloride (%)	0297	9.725	0.0700	10.11	0.5957	0.0850	8	-0.64	042.99	0
042	Chloride (%)	0610	10.20	0.1000	10.11	0.5957	0.0850	8	0.16	042.00	0
042	Chloride (%)	2433	10.30	0.0320	10.11	0.5957	0.0850	8	0.33	042.01	0
042	Chloride (%)	2199	10.55	0.0700	10.11	0.5957	0.0850	8	0.74	042.00	0
042	Chloride (%)	0941	10.58	0.0000	10.11	0.5957	0.0850	8	0.80	042.99	0
042	Chloride (%)	2326	10.65	0.1000	10.11	0.5957	0.0850	8	0.91	042.00	0
042	Chloride (%)	2392	11.10	0.8000	10.11	0.5957	0.0850	8	1.67	042.99	1
102	Niacin (ppm)	0227	5.940	0.3600				1		102.01	0
103	Pantothenic Acid (ppm)	0227	5.260	0.2000				1		103.01	0
104	Riboflavin (ppm)	0227	< 0.5					0		104.00	5
105	Thiamine (ppm)	0227	1.170	0.1200				1		105.01	0
106	Vitamin A (KU / kg)	0017	24.70	0.0000	181.1	30.75	6.684	14	-5.09	106.02	0
106	Vitamin A (KU / kg)	0148	141.2	1.766	181.1	30.75	6.684	14	-1.30	106.02	0
106	Vitamin A (KU / kg)	0004	151.3	13.95	181.1	30.75	6.684	14	-0.97	106.02	0
106	Vitamin A (KU / kg)	2319	159.5	17.00	181.1	30.75	6.684	14	-0.70	106.02	0
106	Vitamin A (KU / kg)	0227	165.5	11.00	181.1	30.75	6.684	14	-0.51	106.00	0
106	Vitamin A (KU / kg)	0904	174.6	7.440	181.1	30.75	6.684	14	-0.21	106.02	0
106	Vitamin A (KU / kg)	0038	182.0	4.000	181.1	30.75	6.684	14	0.03	106.02	0
106	Vitamin A (KU / kg)	0870	190.0	1.900	181.1	30.75	6.684	14	0.29	106.02	0
106	Vitamin A (KU / kg)	0563	197.5	6.694	181.1	30.75	6.684	14	0.53	106.02	0
106	Vitamin A (KU / kg)	0098	199.0	6.000	181.1	30.75	6.684	14	0.58	106.01	0
106	Vitamin A (KU / kg)	0027	199.7	2.770	181.1	30.75	6.684	14	0.60	106.02	0
106	Vitamin A (KU / kg)	2392	208.7	8.400	181.1	30.75	6.684	14	0.90	106.02	0
106	Vitamin A (KU / kg)	0010	215.3	2.000	181.1	30.75	6.684	14	1.11	106.02	0
106	Vitamin A (KU / kg)	0619	216.5	7.000	181.1	30.75	6.684	14	1.15	106.02	0
106	Vitamin A (KU / kg)	0610	212.5	35.00	181.1	30.75	6.684	14	1.02	106.02	1
107	Vitamin B12 (ppb)	0227	< 4.4					0		107.00	5
108	Vitamin D3 (KU / kg)	0148	0.2348	0.0408				3		108.02	0
108	Vitamin D3 (KU / kg)	0227	0.8800	0.1260				3		108.02	0
108	Vitamin D3 (KU / kg)	0010	1.250	0.1000				3		108.99	0
108	Vitamin D3 (KU / kg)	2319	0.9730	0.3000				3		108.02	1
108	Vitamin D3 (KU / kg)	0619	0.0000	0.0000				3		108.02	4
108	Vitamin D3 (KU / kg)	0870	< 2					3		108.02	5

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests			
108	Vitamin D3 (KU / kg)	0910	< 20					3		108.02	5
109	Vitamin E (IU / kg)	0148	267.7	0.1000	315.5	54.16	21.40	16	-0.88	109.02	0
109	Vitamin E (IU / kg)	0171	268.5	5.000	315.5	54.16	21.40	16	-0.87	109.99	0
109	Vitamin E (IU / kg)	0563	272.4	9.610	315.5	54.16	21.40	16	-0.80	109.02	0
109	Vitamin E (IU / kg)	2394	273.1	1.400	315.5	54.16	21.40	16	-0.78	109.02	0
109	Vitamin E (IU / kg)	0619	275.0	8.000	315.5	54.16	21.40	16	-0.75	109.02	0
109	Vitamin E (IU / kg)	0590	284.0	20.00	315.5	54.16	21.40	16	-0.58	109.02	0
109	Vitamin E (IU / kg)	0098	290.0	36.00	315.5	54.16	21.40	16	-0.47	109.02	0
109	Vitamin E (IU / kg)	0027	297.8	24.30	315.5	54.16	21.40	16	-0.33	109.02	0
109	Vitamin E (IU / kg)	0904	299.3	3.170	315.5	54.16	21.40	16	-0.30	109.02	0
109	Vitamin E (IU / kg)	2392	300.0	26.00	315.5	54.16	21.40	16	-0.29	109.02	0
109	Vitamin E (IU / kg)	2319	329.5	25.00	315.5	54.16	21.40	16	0.26	109.02	0
109	Vitamin E (IU / kg)	0610	338.5	54.00	315.5	54.16	21.40	16	0.42	109.02	0
109	Vitamin E (IU / kg)	0227	384.0	20.00	315.5	54.16	21.40	16	1.26	109.02	0
109	Vitamin E (IU / kg)	0038	385.0	72.00	315.5	54.16	21.40	16	1.28	109.02	0
109	Vitamin E (IU / kg)	0968	387.0	0.4100	315.5	54.16	21.40	16	1.32	109.02	0
109	Vitamin E (IU / kg)	0870	505.2	101.0	315.5	54.16	21.40	16	3.50	109.02	0
111	Vitamin C, Phosphorylated (ppm)	0227	< 4.4					0		111.00	5
113	Folic Acid (ppm)	0227	0.2025	0.0270				1		113.01	0
114	Biotin (ppm)	0227	0.1290	0.0040				2		114.99	0
114	Biotin (ppm)	0227	0.1595	0.0030				2		114.01	0
115	Non Protein N (NPN) (%)	0407	0.1112	0.0976				1		115.00	0
120	Alanine (%)	0870	0.0830	0.0020	0.0941	0.0098	0.0043	5		120.05	0
120	Alanine (%)	0227	0.0850	0.0100	0.0941	0.0098	0.0043	5		120.99	0
120	Alanine (%)	0407	0.0955	0.0010	0.0941	0.0098	0.0043	5		120.05	0
120	Alanine (%)	0098	0.1030	0.0040	0.0941	0.0098	0.0043	5		120.02	0
120	Alanine (%)	0682	0.1040	0.0000	0.0941	0.0098	0.0043	5		120.00	0
121	Arginine (%)	0227	0.0750	0.0100	0.0781	0.0025	0.0050	4		121.99	0
121	Arginine (%)	0870	0.0775	0.0010	0.0781	0.0025	0.0050	4		121.05	0
121	Arginine (%)	0098	0.0790	0.0040	0.0781	0.0025	0.0050	4		121.02	0
121	Arginine (%)	0682	0.0810	0.0000	0.0781	0.0025	0.0050	4		121.00	0
121	Arginine (%)	0407	0.1170	0.0020	0.0781	0.0025	0.0050	4		121.05	2
122	Aspartic (%)	0227	0.2400	0.0200	0.2547	0.0129	0.0118	5		122.99	0
122	Aspartic (%)	0870	0.2460	0.0020	0.2547	0.0129	0.0118	5		122.05	0
122	Aspartic (%)	0407	0.2550	0.0140	0.2547	0.0129	0.0118	5		122.05	0
122	Aspartic (%)	0682	0.2590	0.0000	0.2547	0.0129	0.0118	5		122.00	0
122	Aspartic (%)	0098	0.2735	0.0110	0.2547	0.0129	0.0118	5		122.02	0
124	Cysteine/Cystine (%)	0407	0.0158	0.0029	0.0191	0.0022	0.0020	4		124.05	0
124	Cysteine/Cystine (%)	0682	0.0200	0.0000	0.0191	0.0022	0.0020	4		124.00	0
124	Cysteine/Cystine (%)	0227	0.0200	0.0000	0.0191	0.0022	0.0020	4		124.99	0
124	Cysteine/Cystine (%)	0098	0.0205	0.0010	0.0191	0.0022	0.0020	4		124.02	0
124	Cysteine/Cystine (%)	0870	0.0340	0.0020	0.0191	0.0022	0.0020	4		124.05	2

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests			
125	Glutamic (%)	0227	0.2550	0.0300	0.2800	0.0147	0.0135	5	125.99	0	
125	Glutamic (%)	0870	0.2820	0.0040	0.2800	0.0147	0.0135	5	125.05	0	
125	Glutamic (%)	0407	0.2835	0.0030	0.2800	0.0147	0.0135	5	125.05	0	
125	Glutamic (%)	0682	0.2860	0.0000	0.2800	0.0147	0.0135	5	125.00	0	
125	Glutamic (%)	0098	0.2935	0.0170	0.2800	0.0147	0.0135	5	125.02	0	
126	Glycine (%)	0227	0.1150	0.0100	0.1231	0.0066	0.0063	4	126.99	0	
126	Glycine (%)	0682	0.1220	0.0000	0.1231	0.0066	0.0063	4	126.00	0	
126	Glycine (%)	0407	0.1245	0.0030	0.1231	0.0066	0.0063	4	126.05	0	
126	Glycine (%)	0098	0.1310	0.0060	0.1231	0.0066	0.0063	4	126.02	0	
126	Glycine (%)	0870	0.1730	0.0080	0.1231	0.0066	0.0063	4	126.05	2	
127	Histidine (%)	0407	0.0295	0.0010				3	127.05	0	
127	Histidine (%)	0227	0.0300	0.0000				3	127.99	0	
127	Histidine (%)	0682	0.0490	0.0000				3	127.00	0	
127	Histidine (%)	0098	0.0315	0.0030				3	127.02	1	
127	Histidine (%)	0870	< 0.01					3	127.05	5	
128	Isoleucine (%)	0098	0.0650	0.0040	0.0674	0.0025	0.0053	5	128.02	0	
128	Isoleucine (%)	0227	0.0650	0.0100	0.0674	0.0025	0.0053	5	128.99	0	
128	Isoleucine (%)	0407	0.0670	0.0000	0.0674	0.0025	0.0053	5	128.05	0	
128	Isoleucine (%)	0682	0.0700	0.0000	0.0674	0.0025	0.0053	5	128.00	0	
128	Isoleucine (%)	0870	0.0700	0.0020	0.0674	0.0025	0.0053	5	128.05	0	
129	Leucine (%)	0227	0.0850	0.0100	0.1041	0.0119	0.0058	5	129.99	0	
129	Leucine (%)	0682	0.1030	0.0000	0.1041	0.0119	0.0058	5	129.00	0	
129	Leucine (%)	0407	0.1055	0.0030	0.1041	0.0119	0.0058	5	129.05	0	
129	Leucine (%)	0098	0.1100	0.0060	0.1041	0.0119	0.0058	5	129.02	0	
129	Leucine (%)	0870	0.1170	0.0040	0.1041	0.0119	0.0058	5	129.05	0	
130	L-Lysine (%)	0870	0.0725	0.0010	0.0809	0.0069	0.0053	5	130.05	0	
130	L-Lysine (%)	0227	0.0750	0.0100	0.0809	0.0069	0.0053	5	130.99	0	
130	L-Lysine (%)	0682	0.0830	0.0000	0.0809	0.0069	0.0053	5	130.00	0	
130	L-Lysine (%)	0098	0.0850	0.0060	0.0809	0.0069	0.0053	5	130.02	0	
130	L-Lysine (%)	0407	0.0890	0.0040	0.0809	0.0069	0.0053	5	130.05	0	
131	Methionine (%)	0407	0.0091	0.0000				3	131.05	0	
131	Methionine (%)	0098	0.0120	0.0000				3	131.02	0	
131	Methionine (%)	0682	0.0140	0.0000				3	131.00	0	
131	Methionine (%)	0870	< 0.01					3	131.05	5	
131	Methionine (%)	0227	< 0.01					3	131.99	5	
132	Phenylalanine (%)	0227	0.0650	0.0100	0.0668	0.0017	0.0067	4	132.99	0	
132	Phenylalanine (%)	0682	0.0660	0.0000	0.0668	0.0017	0.0067	4	132.00	0	
132	Phenylalanine (%)	0098	0.0670	0.0040	0.0668	0.0017	0.0067	4	132.02	0	
132	Phenylalanine (%)	0870	0.0690	0.0060	0.0668	0.0017	0.0067	4	132.05	0	
132	Phenylalanine (%)	0407	0.0540	0.0000	0.0668	0.0017	0.0067	4	132.05	2	
133	Proline (%)	0227	0.0700	0.0000	0.0818	0.0082	0.0020	4	133.99	0	
133	Proline (%)	0682	0.0830	0.0000	0.0818	0.0082	0.0020	4	133.00	0	

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT Z Score	Your Method	Flag
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133	Proline (%)	0870	0.0850	0.0020	0.0818	0.0082	0.0020	4	133.05	0	
133	Proline (%)	0407	0.0890	0.0020	0.0818	0.0082	0.0020	4	133.05	0	
134	Serine (%)	0407	0.0770	0.0000	0.0921	0.0125	0.0063	5	134.05	0	
134	Serine (%)	0227	0.0850	0.0100	0.0921	0.0125	0.0063	5	134.99	0	
134	Serine (%)	0098	0.0915	0.0050	0.0921	0.0125	0.0063	5	134.02	0	
134	Serine (%)	0682	0.0970	0.0000	0.0921	0.0125	0.0063	5	134.00	0	
134	Serine (%)	0870	0.1100	0.0040	0.0921	0.0125	0.0063	5	134.05	0	
135	Threonine (%)	0407	0.0545	0.0010	0.0579	0.0027	0.0015	4	135.05	0	
135	Threonine (%)	0870	0.0570	0.0020	0.0579	0.0027	0.0015	4	135.05	0	
135	Threonine (%)	0682	0.0600	0.0000	0.0579	0.0027	0.0015	4	135.00	0	
135	Threonine (%)	0227	0.0600	0.0000	0.0579	0.0027	0.0015	4	135.99	0	
135	Threonine (%)	0098	0.0640	0.0060	0.0579	0.0027	0.0015	4	135.02	1	
136	Tryptophan (%)	0407	0.0155	0.0010	0.0185	0.0035	0.0010	5	136.05	0	
136	Tryptophan (%)	0098	0.0165	0.0010	0.0185	0.0035	0.0010	5	136.02	0	
136	Tryptophan (%)	2059	0.0165	0.0010	0.0185	0.0035	0.0010	5	136.03	0	
136	Tryptophan (%)	0227	0.0200	0.0000	0.0185	0.0035	0.0010	5	136.00	0	
136	Tryptophan (%)	0682	0.0240	0.0000	0.0185	0.0035	0.0010	5	136.00	0	
136	Tryptophan (%)	0870	< 0.01		0.0185	0.0035	0.0010	5	136.05	5	
137	Tyrosine (%)	0682	0.0280	0.0000	0.0514	0.0177	0.0023	4	137.00	0	
137	Tyrosine (%)	0407	0.0505	0.0010	0.0514	0.0177	0.0023	4	137.05	0	
137	Tyrosine (%)	0098	0.0565	0.0010	0.0514	0.0177	0.0023	4	137.02	0	
137	Tyrosine (%)	2059	0.0705	0.0050	0.0514	0.0177	0.0023	4	137.00	0	
137	Tyrosine (%)	0227	0.0450	0.0100	0.0514	0.0177	0.0023	4	137.99	1	
137	Tyrosine (%)	0870	< 0.01		0.0514	0.0177	0.0023	4	137.05	5	
138	Valine (%)	0870	0.0860	0.0000				3	138.05	0	
138	Valine (%)	0098	0.0935	0.0030				3	138.02	0	
138	Valine (%)	0682	0.0940	0.0000				3	138.00	0	
138	Valine (%)	0227	0.0850	0.0100				3	138.99	1	
138	Valine (%)	0407	0.1260	0.0020				3	138.05	2	
139	Taurine (%)	0407	0.0060	0.0020				2	139.05	0	
139	Taurine (%)	0682	0.0130	0.0000				2	139.00	0	
139	Taurine (%)	0098	< 0.01					2	139.02	5	
139	Taurine (%)	0227	< 0.01					2	139.99	5	
160	Fructose (%)	0297	0.5000	0.0000				2	160.10	0	
160	Fructose (%)	0227	0.5600	0.0200				2	160.99	0	
161	Galactose (%)	0297	0.0000	0.0000				0	161.10	4	
162	Glucose (%)	0297	0.1400	0.0000				1	162.10	0	
162	Glucose (%)	0227	< 0.15					1	162.99	5	
163	Lactose (%)	0297	0.0000	0.0000				0	163.10	4	
163	Lactose (%)	0227	< 0.15					0	163.99	5	
164	Maltose (%)	0297	0.0000	0.0000				0	164.10	4	
164	Maltose (%)	0227	< 0.15					0	164.99	5	



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165	Sucrose (%)	0297	3.685	0.0700				2	165.10	0	
165	Sucrose (%)	0227	3.730	0.1400				2	165.99	0	
166	Raffinose (%)	0297	0.0000	0.0000				0	166.10	4	
166	Raffinose (%)	0227	< 0.05					0	166.99	5	
167	Stachyose (%)	0227	0.1000	0.0000				1	167.99	0	
167	Stachyose (%)	0297	0.0000	0.0000				1	167.10	4	
351	Chlortetracycline (ppm)	0910	< 15					0	351.03	5	
354	Decoquinatate (ppm)	0910	< 0.1					0	354.01	5	
361	Lasalocid Sodium (ppm)	0910	< 1					0	361.02	5	
365	Monensin (ppm)	0910	< 2					0	365.02	5	
367	Nicarbazin (ppm)	0910	< 3					0	367.99	5	
386	Tiamulin (ppm)	0910	< 1					0	386.99	5	
388	Tylosin (ppm)	0910	< 10					0	388.03	5	
392	Fenbendazole (ppm)	0910	< 1					0	392.99	5	
400	Water Activity (Units)	0942	0.3965	0.0010	0.4069	0.0146	0.0019	6	-0.72	400.01	0
400	Water Activity (Units)	0589	0.3975	0.0030	0.4069	0.0146	0.0019	6	-0.65	400.01	0
400	Water Activity (Units)	2181	0.3998	0.0002	0.4069	0.0146	0.0019	6	-0.49	400.01	0
400	Water Activity (Units)	0676	0.4030	0.0000	0.4069	0.0146	0.0019	6	-0.27	400.99	0
400	Water Activity (Units)	2114	0.4161	0.0051	0.4069	0.0146	0.0019	6	0.63	400.01	0
400	Water Activity (Units)	0407	0.4297	0.0002	0.4069	0.0146	0.0019	6	1.56	400.01	0
400	Water Activity (Units)	2268	0.0975	0.0150	0.4069	0.0146	0.0019	6	-21.24	400.01	1
516	Arsenic, Total (As) (ppm)	0619	0.0730	0.0040	0.6000	0.4017	0.0453	10	-1.31	516.43	0
516	Arsenic, Total (As) (ppm)	0904	0.3650	0.0500	0.6000	0.4017	0.0453	10	-0.59	516.00	0
516	Arsenic, Total (As) (ppm)	2114	0.3823	0.0086	0.6000	0.4017	0.0453	10	-0.54	516.43	0
516	Arsenic, Total (As) (ppm)	0186	0.4838	0.0221	0.6000	0.4017	0.0453	10	-0.29	516.52	0
516	Arsenic, Total (As) (ppm)	0407	0.5064	0.0044	0.6000	0.4017	0.0453	10	-0.23	516.53	0
516	Arsenic, Total (As) (ppm)	2022	0.5822	0.0301	0.6000	0.4017	0.0453	10	-0.04	516.00	0
516	Arsenic, Total (As) (ppm)	0227	0.5925	0.0390	0.6000	0.4017	0.0453	10	-0.02	516.53	0
516	Arsenic, Total (As) (ppm)	0939	0.6100	0.0600	0.6000	0.4017	0.0453	10	0.02	516.53	0
516	Arsenic, Total (As) (ppm)	0964	2.025	0.1290	0.6000	0.4017	0.0453	10	3.55	516.43	0
516	Arsenic, Total (As) (ppm)	0042	6.010	0.1600	0.6000	0.4017	0.0453	10	13.47	516.42	0
516	Arsenic, Total (As) (ppm)	0682	< 20		0.6000	0.4017	0.0453	10		516.43	5
518	Cadmium (ppm)	0682	0.4100	0.0000	0.6174	0.1238	0.0092	14	-1.68	518.43	0
518	Cadmium (ppm)	0619	0.4575	0.0070	0.6174	0.1238	0.0092	14	-1.29	518.41	0
518	Cadmium (ppm)	0407	0.5268	0.0160	0.6174	0.1238	0.0092	14	-0.73	518.43	0
518	Cadmium (ppm)	0407	0.5359	0.0029	0.6174	0.1238	0.0092	14	-0.66	518.41	0
518	Cadmium (ppm)	2433	0.5535	0.0050	0.6174	0.1238	0.0092	14	-0.52	518.42	0
518	Cadmium (ppm)	0939	0.5850	0.0300	0.6174	0.1238	0.0092	14	-0.26	518.53	0
518	Cadmium (ppm)	2114	0.6098	0.0016	0.6174	0.1238	0.0092	14	-0.06	518.99	0
518	Cadmium (ppm)	0610	0.6350	0.0100	0.6174	0.1238	0.0092	14	0.14	518.53	0
518	Cadmium (ppm)	0407	0.6744	0.0034	0.6174	0.1238	0.0092	14	0.46	518.53	0
518	Cadmium (ppm)	0941	0.6770	0.0140	0.6174	0.1238	0.0092	14	0.48	518.43	0

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518	Cadmium (ppm)	0186	0.6897	0.0165	0.6174	0.1238	0.0092	14	0.58	518.52	0
518	Cadmium (ppm)	2022	0.7043	0.0034	0.6174	0.1238	0.0092	14	0.70	518.34	0
518	Cadmium (ppm)	0227	0.7605	0.0110	0.6174	0.1238	0.0092	14	1.16	518.53	0
518	Cadmium (ppm)	0968	0.8430	0.0100	0.6174	0.1238	0.0092	14	1.82	518.43	0
518	Cadmium (ppm)	0042	< 0.4		0.6174	0.1238	0.0092	14		518.42	5
520	Chromium, Total (Cr) (ppm)	0964	15.18	0.6490	111.2	29.01	4.707	18	-3.31	520.43	0
520	Chromium, Total (Cr) (ppm)	0042	69.95	2.500	111.2	29.01	4.707	18	-1.42	520.42	0
520	Chromium, Total (Cr) (ppm)	0407	73.67	10.56	111.2	29.01	4.707	18	-1.29	520.43	0
520	Chromium, Total (Cr) (ppm)	0693	90.77	20.25	111.2	29.01	4.707	18	-0.70	520.42	0
520	Chromium, Total (Cr) (ppm)	0407	94.53	13.26	111.2	29.01	4.707	18	-0.57	520.53	0
520	Chromium, Total (Cr) (ppm)	0685	96.77	2.000	111.2	29.01	4.707	18	-0.50	520.42	0
520	Chromium, Total (Cr) (ppm)	0407	97.24	9.982	111.2	29.01	4.707	18	-0.48	520.41	0
520	Chromium, Total (Cr) (ppm)	0723	107.5	2.610	111.2	29.01	4.707	18	-0.13	520.43	0
520	Chromium, Total (Cr) (ppm)	0208	110.5	5.000	111.2	29.01	4.707	18	-0.02	520.41	0
520	Chromium, Total (Cr) (ppm)	0968	116.0	0.2700	111.2	29.01	4.707	18	0.17	520.43	0
520	Chromium, Total (Cr) (ppm)	0297	120.5	5.000	111.2	29.01	4.707	18	0.32	520.43	0
520	Chromium, Total (Cr) (ppm)	0164	128.0	2.000	111.2	29.01	4.707	18	0.58	520.53	0
520	Chromium, Total (Cr) (ppm)	0510	128.1	1.970	111.2	29.01	4.707	18	0.58	520.43	0
520	Chromium, Total (Cr) (ppm)	0682	135.0	0.0000	111.2	29.01	4.707	18	0.82	520.43	0
520	Chromium, Total (Cr) (ppm)	0619	136.5	9.000	111.2	29.01	4.707	18	0.87	520.41	0
520	Chromium, Total (Cr) (ppm)	0939	137.5	3.000	111.2	29.01	4.707	18	0.91	520.53	0
520	Chromium, Total (Cr) (ppm)	0226	138.3	1.080	111.2	29.01	4.707	18	0.94	520.43	0
520	Chromium, Total (Cr) (ppm)	0186	152.4	0.7000	111.2	29.01	4.707	18	1.42	520.52	0
526	Lead (ppm)	0619	0.4925	0.1450	0.7803	0.2211	0.0387	11	-1.30	526.41	0
526	Lead (ppm)	0941	0.6005	0.0110	0.7803	0.2211	0.0387	11	-0.81	526.43	0
526	Lead (ppm)	0610	0.6050	0.0100	0.7803	0.2211	0.0387	11	-0.79	526.53	0
526	Lead (ppm)	0407	0.6687	0.0112	0.7803	0.2211	0.0387	11	-0.50	526.53	0
526	Lead (ppm)	2114	0.7314	0.0131	0.7803	0.2211	0.0387	11	-0.22	526.99	0
526	Lead (ppm)	2433	0.7375	0.0070	0.7803	0.2211	0.0387	11	-0.19	526.42	0
526	Lead (ppm)	0227	0.8005	0.0870	0.7803	0.2211	0.0387	11	0.09	526.53	0
526	Lead (ppm)	0939	0.8150	0.0100	0.7803	0.2211	0.0387	11	0.16	526.53	0
526	Lead (ppm)	0407	1.006	0.1275	0.7803	0.2211	0.0387	11	1.02	526.43	0
526	Lead (ppm)	0407	1.015	0.0282	0.7803	0.2211	0.0387	11	1.06	526.41	0
526	Lead (ppm)	0186	1.172	0.0287	0.7803	0.2211	0.0387	11	1.77	526.52	0
526	Lead (ppm)	0042	3.855	0.6100	0.7803	0.2211	0.0387	11	13.91	526.42	1
526	Lead (ppm)	0682	< 10		0.7803	0.2211	0.0387	11		526.43	5
529	Mercury (ppb)	0407	5.430	0.9355				1		529.99	0
529	Mercury (ppb)	0910	< 0.01					1		529.99	5
529	Mercury (ppb)	0186	< 10					1		529.99	5
529	Mercury (ppb)	0227	< 100					1		529.99	5
529	Mercury (ppb)	0682	< 10000					1		529.99	5
539	Nickel (ppm)	0964	6.390	0.8600	35.46	15.13	1.146	11	-1.92	539.43	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
539	Nickel (ppm)	0407	18.51	0.7536	35.46	15.13	1.146	11	-1.12	539.43	0
539	Nickel (ppm)	0042	20.45	0.7000	35.46	15.13	1.146	11	-0.99	539.42	0
539	Nickel (ppm)	2433	33.16	0.1120	35.46	15.13	1.146	11	-0.15	539.42	0
539	Nickel (ppm)	0407	34.57	2.500	35.46	15.13	1.146	11	-0.06	539.41	0
539	Nickel (ppm)	0226	40.12	0.8700	35.46	15.13	1.146	11	0.31	539.43	0
539	Nickel (ppm)	0939	40.17	0.7700	35.46	15.13	1.146	11	0.31	539.53	0
539	Nickel (ppm)	0682	40.82	0.0000	35.46	15.13	1.146	11	0.35	539.43	0
539	Nickel (ppm)	0297	44.50	3.000	35.46	15.13	1.146	11	0.60	539.43	0
539	Nickel (ppm)	0186	50.32	0.6500	35.46	15.13	1.146	11	0.98	539.52	0
539	Nickel (ppm)	0941	54.75	1.700	35.46	15.13	1.146	11	1.27	539.43	0
539	Nickel (ppm)	0407	25.30	6.075	35.46	15.13	1.146	11	-0.67	539.53	1
702	Butyric Acid (4:0) (%)	0164	< 0.02					0		702.00	5
704	Caproic Acid (6:0) (%)	0164	< 0.02					0		704.00	5
706	Caprylic acid (8:0) (%) (w/w)	0164	< 0.02					0		706.99	5
708	Capric acid (10:0) (%) (w/w)	0164	< 0.02					0		708.99	5
710	Lauric Acid (12:0) (%) (w/w)	0164	< 0.02					0		710.99	5
714	Myristic Acid (14:0) (%) (w/w)	0164	0.0350	0.0020				1		714.99	0
716	Palmitic Acid (16:0) (%) (w/w)	0164	0.5960	0.0260				1		716.99	0
718	Palmitoleic Acid (9c-16:1) (%) (w/w)	0164	0.0275	0.0010				1		718.99	0
720	Margaric acid (17:0) (%) (w/w)	0164	< 0.02					0		720.99	5
722	Stearic Acid (18:0) (%) (w/w)	0164	0.3045	0.0110				1		722.99	0
724	Oleic Acid (9c-18:1) (%) (w/w)	0164	0.4885	0.0270				1		724.99	0
726	Linoleic Acid (9c,12c-18:2) (%) (w/w)	0164	0.0705	0.0070				1		726.99	0
728	alpha-Linolenic Acid (9c,12c,15c-18:3)	0164	< 0.02					0		728.99	5
730	Arachidic Acid (20:0) (%) (w/w)	0164	< 0.02					0		730.99	5
732	Gondoic Acid (11c-20:1) (%) (w/w)	0164	< 0.02					0		732.99	5
736	Arachidonic Acid (5c,8c,11c,14c-20:4)	0164	< 0.02					0		736.99	5
740	Eicosapentaenoic Acid EPA (5c,8c,11	0164	< 0.02					0		740.99	5
742	Behenic Acid (22:0) (%) (w/w)	0164	< 0.02					0		742.99	5
744	Erucic Acid (13c-22:1) (%) (w/w)	0164	< 0.02					0		744.99	5
746	Docosapentaenoic Acid n-3 DPA (7c,1	0164	< 0.02					0		746.99	5
748	Lignoceric Acid (24:0) (%) (w/w)	0164	< 0.02					0		748.99	5
750	Docosahexaenoic Acid DHA (4c,7c,10	0164	< 0.02					0		750.99	5
752	Nervonic Acid (24:1) isomers (%) (w/w	0164	< 0.02					0		752.99	5
754	Total n-3 Polyunsaturated (Omega-3)	0164	< 0.02					0		754.99	5
756	Total n-6 Polyunsaturated (Omega-6)	0164	0.0750	0.0060				1		756.99	0
758	Total Saturated Fatty Acids (%) (w/w)	0164	0.9815	0.0450				1		758.99	0
764	Total cis Monounsaturated Fatty Acids	0164	0.5765	0.0310				1		764.99	0
768	Total cis Polyunsaturated Fatty Acids	0164	0.0885	0.0090				1		768.99	0
770	Total Fat (equivalent to NLEA) (%) (w/w	0164	1.743	0.0880				1		770.99	0
772	Total Fatty Acids (%) (w/w)	0164	1.664	0.0840				1		772.99	0

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

Method Group	Analyte Group (Units) and Green = Z <= 2 and >= -2 (OK at 95%).	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests			
<p><b>Note 2:</b> Data Not Used Flags: 1=Rejected for duplicates too far apart, 2=Rejected as extreme outlier, 5=Reporting limit (&lt;), 4=Zeros submitted as values and 3=Statistical problem. Flag 0 indicates data used in calculations.</p>											
<p><b>Note 3:</b> *Robust statistics not used if &lt; 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). A zero range is not included in robust R-bar calculation.</p>											