



**AAFCO**  
Association of American Feed Control Officials



**Pet Food Ingredient Scheme**

**Oats**

**Test Material Code # 202441**

**Analyte Proficiency Testing Report**

**# Labs Reporting: 99**  
**# Analytes Reported 57**  
**Issue Date : 03/31/2024**

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 (%)	2155	7.775	0.0300	9.028	0.1717	0.0835	73	-7.30	001.99	0
001	Loss on Drying (%)	0889	7.890	0.1600	9.028	0.1717	0.0835	73	-6.63	001.99	0
001	Loss on Drying (%)	0876	8.550	0.1000	9.028	0.1717	0.0835	73	-2.79	001.07	0
001	Loss on Drying (%)	2477	8.625	0.0500	9.028	0.1717	0.0835	73	-2.35	001.07	0
001	Loss on Drying (%)	0010	8.700	0.0000	9.028	0.1717	0.0835	73	-1.91	001.07	0
001	Loss on Drying (%)	0504	8.710	0.2000	9.028	0.1717	0.0835	73	-1.85	001.00	0
001	Loss on Drying (%)	0845	8.795	0.0300	9.028	0.1717	0.0835	73	-1.36	001.07	0
001	Loss on Drying (%)	2435	8.830	0.0800	9.028	0.1717	0.0835	73	-1.16	001.07	0
001	Loss on Drying (%)	2408	8.835	0.1100	9.028	0.1717	0.0835	73	-1.13	001.07	0
001	Loss on Drying (%)	0142	8.840	0.1400	9.028	0.1717	0.0835	73	-1.10	001.07	0
001	Loss on Drying (%)	2252	8.845	0.2100	9.028	0.1717	0.0835	73	-1.07	001.07	0
001	Loss on Drying (%)	2393	8.875	0.0300	9.028	0.1717	0.0835	73	-0.89	001.03	0
001	Loss on Drying (%)	2473	8.890	0.1000	9.028	0.1717	0.0835	73	-0.81	001.07	0
001	Loss on Drying (%)	1023	8.905	0.0500	9.028	0.1717	0.0835	73	-0.72	001.07	0
001	Loss on Drying (%)	2361	8.905	0.3100	9.028	0.1717	0.0835	73	-0.72	001.07	0
001	Loss on Drying (%)	0226	8.910	0.0800	9.028	0.1717	0.0835	73	-0.69	001.07	0
001	Loss on Drying (%)	0309	8.929	0.0305	9.028	0.1717	0.0835	73	-0.58	001.00	0
001	Loss on Drying (%)	0171	8.930	0.0400	9.028	0.1717	0.0835	73	-0.57	001.07	0
001	Loss on Drying (%)	0407	8.935	0.0006	9.028	0.1717	0.0835	73	-0.55	001.07	0
001	Loss on Drying (%)	2124	8.945	0.0700	9.028	0.1717	0.0835	73	-0.49	001.03	0
001	Loss on Drying (%)	0028	8.945	0.1100	9.028	0.1717	0.0835	73	-0.49	001.07	0
001	Loss on Drying (%)	2426	8.945	0.0700	9.028	0.1717	0.0835	73	-0.49	001.07	0
001	Loss on Drying (%)	1022	8.950	0.0400	9.028	0.1717	0.0835	73	-0.46	001.07	0
001	Loss on Drying (%)	0098	8.955	0.3300	9.028	0.1717	0.0835	73	-0.43	001.07	0
001	Loss on Drying (%)	2398	8.960	0.0400	9.028	0.1717	0.0835	73	-0.40	001.07	0
001	Loss on Drying (%)	2439	8.960	0.0400	9.028	0.1717	0.0835	73	-0.40	001.07	0
001	Loss on Drying (%)	0027	8.976	0.0020	9.028	0.1717	0.0835	73	-0.31	001.00	0
001	Loss on Drying (%)	2424	8.980	0.0000	9.028	0.1717	0.0835	73	-0.28	001.07	0
001	Loss on Drying (%)	2452	8.980	0.1400	9.028	0.1717	0.0835	73	-0.28	001.07	0
001	Loss on Drying (%)	1021	8.990	0.0000	9.028	0.1717	0.0835	73	-0.22	001.07	0
001	Loss on Drying (%)	2436	8.995	0.0100	9.028	0.1717	0.0835	73	-0.20	001.07	0
001	Loss on Drying (%)	2219	9.000	0.2400	9.028	0.1717	0.0835	73	-0.17	001.07	0
001	Loss on Drying (%)	2330	9.000	0.1000	9.028	0.1717	0.0835	73	-0.17	001.07	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	
001	Loss on Drying (%)	2437	9.000	0.0400	9.028	0.1717	0.0835	73	-0.17	001.07	0
001	Loss on Drying (%)	0510	9.000	0.0000	9.028	0.1717	0.0835	73	-0.17	001.99	0
001	Loss on Drying (%)	2418	9.001	0.1990	9.028	0.1717	0.0835	73	-0.16	001.07	0
001	Loss on Drying (%)	2478	9.010	0.1200	9.028	0.1717	0.0835	73	-0.11	001.07	0
001	Loss on Drying (%)	1024	9.015	0.0300	9.028	0.1717	0.0835	73	-0.08	001.07	0
001	Loss on Drying (%)	2438	9.015	0.0100	9.028	0.1717	0.0835	73	-0.08	001.07	0
001	Loss on Drying (%)	2472	9.030	0.0600	9.028	0.1717	0.0835	73	0.01	001.07	0
001	Loss on Drying (%)	0139	9.040	0.1000	9.028	0.1717	0.0835	73	0.07	001.07	0
001	Loss on Drying (%)	0581	9.040	0.0800	9.028	0.1717	0.0835	73	0.07	001.07	0
001	Loss on Drying (%)	2475	9.045	0.2700	9.028	0.1717	0.0835	73	0.10	001.07	0
001	Loss on Drying (%)	2474	9.050	0.1000	9.028	0.1717	0.0835	73	0.13	001.07	0
001	Loss on Drying (%)	2416	9.055	0.1700	9.028	0.1717	0.0835	73	0.15	001.07	0
001	Loss on Drying (%)	2417	9.055	0.1300	9.028	0.1717	0.0835	73	0.15	001.07	0
001	Loss on Drying (%)	2420	9.075	0.2100	9.028	0.1717	0.0835	73	0.27	001.07	0
001	Loss on Drying (%)	1020	9.080	0.0200	9.028	0.1717	0.0835	73	0.30	001.07	0
001	Loss on Drying (%)	2124	9.080	0.0000	9.028	0.1717	0.0835	73	0.30	001.07	0
001	Loss on Drying (%)	2293	9.080	0.2600	9.028	0.1717	0.0835	73	0.30	001.07	0
001	Loss on Drying (%)	2220	9.090	0.0800	9.028	0.1717	0.0835	73	0.36	001.07	0
001	Loss on Drying (%)	2419	9.105	0.3700	9.028	0.1717	0.0835	73	0.45	001.07	0
001	Loss on Drying (%)	2441	9.105	0.0100	9.028	0.1717	0.0835	73	0.45	001.07	0
001	Loss on Drying (%)	2421	9.120	0.0800	9.028	0.1717	0.0835	73	0.53	001.07	0
001	Loss on Drying (%)	2422	9.120	0.0200	9.028	0.1717	0.0835	73	0.53	001.07	0
001	Loss on Drying (%)	2480	9.125	0.0500	9.028	0.1717	0.0835	73	0.56	001.07	0
001	Loss on Drying (%)	0003	9.130	0.1000	9.028	0.1717	0.0835	73	0.59	001.07	0
001	Loss on Drying (%)	2362	9.130	0.0400	9.028	0.1717	0.0835	73	0.59	001.07	0
001	Loss on Drying (%)	2396	9.165	0.2900	9.028	0.1717	0.0835	73	0.80	001.07	0
001	Loss on Drying (%)	2380	9.185	0.0100	9.028	0.1717	0.0835	73	0.91	001.07	0
001	Loss on Drying (%)	2479	9.215	0.0100	9.028	0.1717	0.0835	73	1.09	001.07	0
001	Loss on Drying (%)	2469	9.240	0.0200	9.028	0.1717	0.0835	73	1.23	001.07	0
001	Loss on Drying (%)	2470	9.245	0.0300	9.028	0.1717	0.0835	73	1.26	001.07	0
001	Loss on Drying (%)	0914	9.255	0.1100	9.028	0.1717	0.0835	73	1.32	001.99	0
001	Loss on Drying (%)	2399	9.260	0.0400	9.028	0.1717	0.0835	73	1.35	001.07	0
001	Loss on Drying (%)	2444	9.290	0.0000	9.028	0.1717	0.0835	73	1.52	001.07	0
001	Loss on Drying (%)	2471	9.310	0.0200	9.028	0.1717	0.0835	73	1.64	001.07	0
001	Loss on Drying (%)	2156	9.315	0.0300	9.028	0.1717	0.0835	73	1.67	001.07	0
001	Loss on Drying (%)	2385	9.330	0.0000	9.028	0.1717	0.0835	73	1.76	001.07	0
001	Loss on Drying (%)	2382	9.370	0.0200	9.028	0.1717	0.0835	73	1.99	001.07	0
001	Loss on Drying (%)	2445	9.395	0.0300	9.028	0.1717	0.0835	73	2.13	001.07	0
001	Loss on Drying (%)	0074	9.450	0.0000	9.028	0.1717	0.0835	73	2.45	001.07	0
001	Loss on Drying (%)	2331	9.945	0.1100	9.028	0.1717	0.0835	73	5.34	001.07	0
001	Loss on Drying (%)	0613	7.425	0.9500	9.028	0.1717	0.0835	73	-9.34	001.07	1
002	Protein, Crude (%)	2476	10.69	0.2970	12.95	0.1906	0.1424	98	-11.82	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 (%)	0889	10.79	0.0900	12.95	0.1906	0.1424	98	-11.35	002.11	0
002	Protein, Crude (%)	0613	12.42	0.3000	12.95	0.1906	0.1424	98	-2.77	002.06	0
002	Protein, Crude (%)	0504	12.49	0.7300	12.95	0.1906	0.1424	98	-2.43	002.04	0
002	Protein, Crude (%)	0510	12.50	0.0000	12.95	0.1906	0.1424	98	-2.35	002.06	0
002	Protein, Crude (%)	0529	12.52	0.1100	12.95	0.1906	0.1424	98	-2.27	002.06	0
002	Protein, Crude (%)	0407	12.64	0.0360	12.95	0.1906	0.1424	98	-1.62	002.05	0
002	Protein, Crude (%)	0098	12.70	0.2000	12.95	0.1906	0.1424	98	-1.30	002.06	0
002	Protein, Crude (%)	2490	12.71	0.0200	12.95	0.1906	0.1424	98	-1.25	002.06	0
002	Protein, Crude (%)	2399	12.72	0.0980	12.95	0.1906	0.1424	98	-1.18	002.06	0
002	Protein, Crude (%)	0139	12.74	0.1880	12.95	0.1906	0.1424	98	-1.11	002.06	0
002	Protein, Crude (%)	2462	12.75	0.1000	12.95	0.1906	0.1424	98	-1.04	002.06	0
002	Protein, Crude (%)	0028	12.76	0.1700	12.95	0.1906	0.1424	98	-1.01	002.06	0
002	Protein, Crude (%)	2361	12.76	0.1300	12.95	0.1906	0.1424	98	-1.01	002.06	0
002	Protein, Crude (%)	2089	12.77	0.0000	12.95	0.1906	0.1424	98	-0.94	002.06	0
002	Protein, Crude (%)	2491	12.77	0.1200	12.95	0.1906	0.1424	98	-0.94	002.06	0
002	Protein, Crude (%)	2330	12.78	0.0700	12.95	0.1906	0.1424	98	-0.91	002.06	0
002	Protein, Crude (%)	2475	12.78	0.1010	12.95	0.1906	0.1424	98	-0.87	002.06	0
002	Protein, Crude (%)	2362	12.79	0.0100	12.95	0.1906	0.1424	98	-0.86	002.06	0
002	Protein, Crude (%)	2486	12.79	0.0900	12.95	0.1906	0.1424	98	-0.86	002.06	0
002	Protein, Crude (%)	2408	12.79	0.0400	12.95	0.1906	0.1424	98	-0.83	002.06	0
002	Protein, Crude (%)	0074	12.80	0.3200	12.95	0.1906	0.1424	98	-0.78	002.06	0
002	Protein, Crude (%)	2393	12.81	0.1100	12.95	0.1906	0.1424	98	-0.75	002.05	0
002	Protein, Crude (%)	2156	12.81	0.0700	12.95	0.1906	0.1424	98	-0.75	002.06	0
002	Protein, Crude (%)	0613	12.81	0.1700	12.95	0.1906	0.1424	98	-0.75	002.11	0
002	Protein, Crude (%)	2220	12.81	0.1600	12.95	0.1906	0.1424	98	-0.73	002.06	0
002	Protein, Crude (%)	2426	12.82	0.1300	12.95	0.1906	0.1424	98	-0.70	002.06	0
002	Protein, Crude (%)	2124	12.82	0.4800	12.95	0.1906	0.1424	98	-0.67	002.06	0
002	Protein, Crude (%)	0914	12.83	0.3200	12.95	0.1906	0.1424	98	-0.62	002.06	0
002	Protein, Crude (%)	2396	12.84	0.1200	12.95	0.1906	0.1424	98	-0.57	002.06	0
002	Protein, Crude (%)	0208	12.85	0.3000	12.95	0.1906	0.1424	98	-0.52	002.06	0
002	Protein, Crude (%)	2293	12.85	0.2000	12.95	0.1906	0.1424	98	-0.52	002.06	0
002	Protein, Crude (%)	1021	12.85	0.5190	12.95	0.1906	0.1424	98	-0.50	002.06	0
002	Protein, Crude (%)	2474	12.87	0.0300	12.95	0.1906	0.1424	98	-0.44	002.06	0
002	Protein, Crude (%)	2331	12.88	0.0510	12.95	0.1906	0.1424	98	-0.38	002.06	0
002	Protein, Crude (%)	2445	12.89	0.0100	12.95	0.1906	0.1424	98	-0.33	002.01	0
002	Protein, Crude (%)	2385	12.90	0.0100	12.95	0.1906	0.1424	98	-0.28	002.06	0
002	Protein, Crude (%)	0027	12.90	0.3000	12.95	0.1906	0.1424	98	-0.27	002.06	0
002	Protein, Crude (%)	0010	12.90	0.0000	12.95	0.1906	0.1424	98	-0.25	002.06	0
002	Protein, Crude (%)	2463	12.90	0.0000	12.95	0.1906	0.1424	98	-0.25	002.06	0
002	Protein, Crude (%)	1024	12.91	0.0570	12.95	0.1906	0.1424	98	-0.21	002.06	0
002	Protein, Crude (%)	0003	12.91	0.0800	12.95	0.1906	0.1424	98	-0.20	002.06	0
002	Protein, Crude (%)	2312	12.91	0.5400	12.95	0.1906	0.1424	98	-0.20	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 (%)	1022	12.92	0.2300	12.95	0.1906	0.1424	98	-0.16	002.06	0
002	Protein, Crude (%)	0309	12.92	0.0905	12.95	0.1906	0.1424	98	-0.15	002.06	0
002	Protein, Crude (%)	0511	12.93	0.3100	12.95	0.1906	0.1424	98	-0.12	002.06	0
002	Protein, Crude (%)	2219	12.93	0.0800	12.95	0.1906	0.1424	98	-0.10	002.06	0
002	Protein, Crude (%)	2420	12.93	0.1970	12.95	0.1906	0.1424	98	-0.08	002.06	0
002	Protein, Crude (%)	2418	12.94	0.0900	12.95	0.1906	0.1424	98	-0.06	002.06	0
002	Protein, Crude (%)	2380	12.94	0.1200	12.95	0.1906	0.1424	98	-0.04	002.06	0
002	Protein, Crude (%)	2252	12.95	0.1600	12.95	0.1906	0.1424	98	0.01	002.06	0
002	Protein, Crude (%)	2444	12.95	0.1000	12.95	0.1906	0.1424	98	0.01	002.06	0
002	Protein, Crude (%)	2460	12.95	0.3000	12.95	0.1906	0.1424	98	0.01	002.06	0
002	Protein, Crude (%)	2477	12.95	0.1740	12.95	0.1906	0.1424	98	0.02	002.06	0
002	Protein, Crude (%)	2471	12.96	0.2300	12.95	0.1906	0.1424	98	0.04	002.06	0
002	Protein, Crude (%)	2417	12.96	0.0080	12.95	0.1906	0.1424	98	0.04	002.06	0
002	Protein, Crude (%)	2424	12.96	0.2880	12.95	0.1906	0.1424	98	0.04	002.06	0
002	Protein, Crude (%)	2441	12.97	0.1500	12.95	0.1906	0.1424	98	0.09	002.06	0
002	Protein, Crude (%)	2469	12.97	0.0100	12.95	0.1906	0.1424	98	0.09	002.06	0
002	Protein, Crude (%)	2419	13.01	0.3700	12.95	0.1906	0.1424	98	0.30	002.06	0
002	Protein, Crude (%)	2452	13.01	0.1420	12.95	0.1906	0.1424	98	0.34	002.06	0
002	Protein, Crude (%)	0047	13.02	0.0100	12.95	0.1906	0.1424	98	0.35	002.06	0
002	Protein, Crude (%)	0870	13.03	0.0187	12.95	0.1906	0.1424	98	0.42	002.06	0
002	Protein, Crude (%)	2421	13.03	0.0150	12.95	0.1906	0.1424	98	0.42	002.06	0
002	Protein, Crude (%)	2470	13.03	0.1400	12.95	0.1906	0.1424	98	0.43	002.06	0
002	Protein, Crude (%)	2398	13.04	0.1480	12.95	0.1906	0.1424	98	0.47	002.06	0
002	Protein, Crude (%)	2437	13.04	0.0800	12.95	0.1906	0.1424	98	0.48	002.06	0
002	Protein, Crude (%)	2422	13.04	0.1250	12.95	0.1906	0.1424	98	0.48	002.06	0
002	Protein, Crude (%)	1020	13.04	0.1130	12.95	0.1906	0.1424	98	0.50	002.06	0
002	Protein, Crude (%)	2416	13.06	0.1350	12.95	0.1906	0.1424	98	0.57	002.06	0
002	Protein, Crude (%)	0504	13.06	0.1600	12.95	0.1906	0.1424	98	0.59	002.06	0
002	Protein, Crude (%)	2439	13.08	0.0100	12.95	0.1906	0.1424	98	0.66	002.06	0
002	Protein, Crude (%)	0876	13.10	0.0000	12.95	0.1906	0.1424	98	0.80	002.06	0
002	Protein, Crude (%)	2461	13.10	0.2000	12.95	0.1906	0.1424	98	0.80	002.06	0
002	Protein, Crude (%)	0226	13.10	0.2800	12.95	0.1906	0.1424	98	0.80	002.06	0
002	Protein, Crude (%)	1023	13.10	0.2130	12.95	0.1906	0.1424	98	0.82	002.06	0
002	Protein, Crude (%)	0889	13.11	0.0700	12.95	0.1906	0.1424	98	0.82	002.01	0
002	Protein, Crude (%)	2472	13.11	0.0900	12.95	0.1906	0.1424	98	0.82	002.06	0
002	Protein, Crude (%)	2478	13.11	0.0480	12.95	0.1906	0.1424	98	0.83	002.06	0
002	Protein, Crude (%)	2473	13.12	0.1500	12.95	0.1906	0.1424	98	0.87	002.06	0
002	Protein, Crude (%)	2438	13.12	0.1300	12.95	0.1906	0.1424	98	0.87	002.06	0
002	Protein, Crude (%)	2435	13.13	0.0500	12.95	0.1906	0.1424	98	0.93	002.06	0
002	Protein, Crude (%)	0171	13.13	0.0600	12.95	0.1906	0.1424	98	0.95	002.06	0
002	Protein, Crude (%)	2436	13.13	0.0000	12.95	0.1906	0.1424	98	0.95	002.06	0
002	Protein, Crude (%)	2382	13.15	0.0500	12.95	0.1906	0.1424	98	1.03	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 (%)	0142	13.16	0.0800	12.95	0.1906	0.1424	98	1.11	002.06	0
002	Protein, Crude (%)	0870	13.17	0.2660	12.95	0.1906	0.1424	98	1.15	002.01	0
002	Protein, Crude (%)	1019	13.19	0.0900	12.95	0.1906	0.1424	98	1.24	002.06	0
002	Protein, Crude (%)	0098	13.21	0.1900	12.95	0.1906	0.1424	98	1.35	002.08	0
002	Protein, Crude (%)	2480	13.24	0.2030	12.95	0.1906	0.1424	98	1.55	002.06	0
002	Protein, Crude (%)	2459	13.29	0.0600	12.95	0.1906	0.1424	98	1.79	002.06	0
002	Protein, Crude (%)	0001	13.30	0.1200	12.95	0.1906	0.1424	98	1.85	002.06	0
002	Protein, Crude (%)	2373	13.32	0.1000	12.95	0.1906	0.1424	98	1.95	002.01	0
002	Protein, Crude (%)	0407	13.45	0.2440	12.95	0.1906	0.1424	98	2.65	002.06	0
002	Protein, Crude (%)	0508	13.49	0.1100	12.95	0.1906	0.1424	98	2.84	002.06	0
002	Protein, Crude (%)	0034	13.61	0.1310	12.95	0.1906	0.1424	98	3.46	002.06	0
002	Protein, Crude (%)	2479	13.78	0.1700	12.95	0.1906	0.1424	98	4.34	002.06	0
002	Protein, Crude (%)	0845	14.19	0.3800	12.95	0.1906	0.1424	98	6.51	002.00	0
002	Protein, Crude (%)	0160	13.30	0.8000	12.95	0.1906	0.1424	98	1.85	002.99	1
002	Protein, Crude (%)	2155	13.94	1.337	12.95	0.1906	0.1424	98	5.22	002.06	1
003	Fat, Crude (%)	1019	2.270	0.6400	4.683	0.3081	0.1399	59	-7.83	003.99	0
003	Fat, Crude (%)	2459	2.785	0.7700	4.683	0.3081	0.1399	59	-6.16	003.14	0
003	Fat, Crude (%)	2445	2.910	0.0600	4.683	0.3081	0.1399	59	-5.76	003.14	0
003	Fat, Crude (%)	2331	3.280	0.0600	4.683	0.3081	0.1399	59	-4.55	003.09	0
003	Fat, Crude (%)	0003	3.310	0.1000	4.683	0.3081	0.1399	59	-4.46	003.14	0
003	Fat, Crude (%)	0613	3.440	0.2600	4.683	0.3081	0.1399	59	-4.04	003.14	0
003	Fat, Crude (%)	0889	3.655	0.0300	4.683	0.3081	0.1399	59	-3.34	003.11	0
003	Fat, Crude (%)	2302	3.825	0.3300	4.683	0.3081	0.1399	59	-2.79	003.14	0
003	Fat, Crude (%)	0504	4.110	0.1600	4.683	0.3081	0.1399	59	-1.86	003.01	0
003	Fat, Crude (%)	2479	4.380	0.0400	4.683	0.3081	0.1399	59	-0.98	003.09	0
003	Fat, Crude (%)	0026	4.440	0.1200	4.683	0.3081	0.1399	59	-0.79	003.14	0
003	Fat, Crude (%)	2477	4.465	0.0900	4.683	0.3081	0.1399	59	-0.71	003.00	0
003	Fat, Crude (%)	2419	4.480	0.3200	4.683	0.3081	0.1399	59	-0.66	003.00	0
003	Fat, Crude (%)	2421	4.495	0.8700	4.683	0.3081	0.1399	59	-0.61	003.00	0
003	Fat, Crude (%)	2480	4.495	0.0100	4.683	0.3081	0.1399	59	-0.61	003.09	0
003	Fat, Crude (%)	2393	4.505	0.3100	4.683	0.3081	0.1399	59	-0.58	003.99	0
003	Fat, Crude (%)	2422	4.525	0.3300	4.683	0.3081	0.1399	59	-0.51	003.00	0
003	Fat, Crude (%)	1023	4.595	0.0300	4.683	0.3081	0.1399	59	-0.29	003.09	0
003	Fat, Crude (%)	0511	4.620	0.3800	4.683	0.3081	0.1399	59	-0.21	003.14	0
003	Fat, Crude (%)	2418	4.640	0.0525	4.683	0.3081	0.1399	59	-0.14	003.00	0
003	Fat, Crude (%)	2452	4.640	0.0000	4.683	0.3081	0.1399	59	-0.14	003.00	0
003	Fat, Crude (%)	2478	4.645	0.0300	4.683	0.3081	0.1399	59	-0.12	003.10	0
003	Fat, Crude (%)	0407	4.645	0.0203	4.683	0.3081	0.1399	59	-0.12	003.14	0
003	Fat, Crude (%)	2420	4.650	0.0200	4.683	0.3081	0.1399	59	-0.11	003.00	0
003	Fat, Crude (%)	2155	4.653	0.1080	4.683	0.3081	0.1399	59	-0.10	003.10	0
003	Fat, Crude (%)	2424	4.655	0.0500	4.683	0.3081	0.1399	59	-0.09	003.00	0
003	Fat, Crude (%)	2416	4.655	0.0700	4.683	0.3081	0.1399	59	-0.09	003.00	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	
003	Fat, Crude (%)	2426	4.655	0.0700	4.683	0.3081	0.1399	59	-0.09	003.00	0
003	Fat, Crude (%)	2474	4.675	0.0100	4.683	0.3081	0.1399	59	-0.03	003.09	0
003	Fat, Crude (%)	2441	4.680	0.0200	4.683	0.3081	0.1399	59	-0.01	003.09	0
003	Fat, Crude (%)	0171	4.685	0.0900	4.683	0.3081	0.1399	59	0.01	003.14	0
003	Fat, Crude (%)	2361	4.720	0.1600	4.683	0.3081	0.1399	59	0.12	003.09	0
003	Fat, Crude (%)	2293	4.725	0.0500	4.683	0.3081	0.1399	59	0.14	003.09	0
003	Fat, Crude (%)	0876	4.750	0.5000	4.683	0.3081	0.1399	59	0.22	003.14	0
003	Fat, Crude (%)	0581	4.755	0.1100	4.683	0.3081	0.1399	59	0.23	003.14	0
003	Fat, Crude (%)	2219	4.765	0.0700	4.683	0.3081	0.1399	59	0.27	003.09	0
003	Fat, Crude (%)	2417	4.775	0.0100	4.683	0.3081	0.1399	59	0.30	003.00	0
003	Fat, Crude (%)	2330	4.790	0.1800	4.683	0.3081	0.1399	59	0.35	003.09	0
003	Fat, Crude (%)	0098	4.825	0.4500	4.683	0.3081	0.1399	59	0.46	003.09	0
003	Fat, Crude (%)	2476	4.827	0.0450	4.683	0.3081	0.1399	59	0.46	003.09	0
003	Fat, Crude (%)	0098	4.830	0.0400	4.683	0.3081	0.1399	59	0.48	003.10	0
003	Fat, Crude (%)	0034	4.830	0.0200	4.683	0.3081	0.1399	59	0.48	003.14	0
003	Fat, Crude (%)	2252	4.835	0.3500	4.683	0.3081	0.1399	59	0.49	003.09	0
003	Fat, Crude (%)	2475	4.835	0.2100	4.683	0.3081	0.1399	59	0.49	003.00	0
003	Fat, Crude (%)	2156	4.865	0.4100	4.683	0.3081	0.1399	59	0.59	003.09	0
003	Fat, Crude (%)	2362	4.870	0.3400	4.683	0.3081	0.1399	59	0.61	003.09	0
003	Fat, Crude (%)	2220	4.880	0.1000	4.683	0.3081	0.1399	59	0.64	003.00	0
003	Fat, Crude (%)	0870	4.913	0.0019	4.683	0.3081	0.1399	59	0.75	003.13	0
003	Fat, Crude (%)	0529	4.920	0.2400	4.683	0.3081	0.1399	59	0.77	003.14	0
003	Fat, Crude (%)	0171	4.940	0.0400	4.683	0.3081	0.1399	59	0.83	003.12	0
003	Fat, Crude (%)	0098	4.980	0.1200	4.683	0.3081	0.1399	59	0.96	003.13	0
003	Fat, Crude (%)	0160	5.000	0.0000	4.683	0.3081	0.1399	59	1.03	003.09	0
003	Fat, Crude (%)	0870	5.041	0.0846	4.683	0.3081	0.1399	59	1.16	003.10	0
003	Fat, Crude (%)	0889	5.050	0.0400	4.683	0.3081	0.1399	59	1.19	003.10	0
003	Fat, Crude (%)	0309	5.157	0.0320	4.683	0.3081	0.1399	59	1.54	003.00	0
003	Fat, Crude (%)	0510	5.330	0.1800	4.683	0.3081	0.1399	59	2.10	003.14	0
003	Fat, Crude (%)	0226	5.395	0.0300	4.683	0.3081	0.1399	59	2.31	003.14	0
003	Fat, Crude (%)	2398	6.125	0.1300	4.683	0.3081	0.1399	59	4.68	003.09	0
003	Fat, Crude (%)	1020	6.200	0.1400	4.683	0.3081	0.1399	59	4.92	003.00	0
003	Fat, Crude (%)	0613	6.485	2.950	4.683	0.3081	0.1399	59	5.85	003.11	1
004	Fiber, Crude (%)	0889	6.598	0.0550	8.130	0.8842	0.3203	32	-1.73	004.11	0
004	Fiber, Crude (%)	0407	6.873	0.5556	8.130	0.8842	0.3203	32	-1.42	004.07	0
004	Fiber, Crude (%)	0510	7.000	0.0000	8.130	0.8842	0.3203	32	-1.28	004.07	0
004	Fiber, Crude (%)	0003	7.120	1.660	8.130	0.8842	0.3203	32	-1.14	004.07	0
004	Fiber, Crude (%)	0028	7.200	0.4000	8.130	0.8842	0.3203	32	-1.05	004.07	0
004	Fiber, Crude (%)	0026	7.250	0.1000	8.130	0.8842	0.3203	32	-1.00	004.07	0
004	Fiber, Crude (%)	2445	7.410	0.1000	8.130	0.8842	0.3203	32	-0.81	004.07	0
004	Fiber, Crude (%)	0613	7.550	0.9400	8.130	0.8842	0.3203	32	-0.66	004.11	0
004	Fiber, Crude (%)	0511	7.700	1.000	8.130	0.8842	0.3203	32	-0.49	004.07	0

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004	Fiber, Crude (%)	0027	7.996	0.1340	8.130	0.8842	0.3203	32	-0.15	004.06	0
004	Fiber, Crude (%)	0876	8.000	0.2000	8.130	0.8842	0.3203	32	-0.15	004.07	0
004	Fiber, Crude (%)	2312	8.000	0.2000	8.130	0.8842	0.3203	32	-0.15	004.07	0
004	Fiber, Crude (%)	2089	8.015	0.4900	8.130	0.8842	0.3203	32	-0.13	004.03	0
004	Fiber, Crude (%)	2486	8.040	0.0800	8.130	0.8842	0.3203	32	-0.10	004.07	0
004	Fiber, Crude (%)	0309	8.066	0.0497	8.130	0.8842	0.3203	32	-0.07	004.00	0
004	Fiber, Crude (%)	0171	8.070	0.2400	8.130	0.8842	0.3203	32	-0.07	004.00	0
004	Fiber, Crude (%)	2490	8.080	0.0400	8.130	0.8842	0.3203	32	-0.06	004.00	0
004	Fiber, Crude (%)	0504	8.080	0.1000	8.130	0.8842	0.3203	32	-0.06	004.07	0
004	Fiber, Crude (%)	0208	8.100	0.1800	8.130	0.8842	0.3203	32	-0.03	004.00	0
004	Fiber, Crude (%)	0074	8.150	0.3600	8.130	0.8842	0.3203	32	0.02	004.07	0
004	Fiber, Crude (%)	0226	8.160	0.0400	8.130	0.8842	0.3203	32	0.03	004.07	0
004	Fiber, Crude (%)	0870	8.278	0.0655	8.130	0.8842	0.3203	32	0.17	004.07	0
004	Fiber, Crude (%)	2491	8.310	0.5200	8.130	0.8842	0.3203	32	0.20	004.00	0
004	Fiber, Crude (%)	0034	8.310	0.2000	8.130	0.8842	0.3203	32	0.20	004.07	0
004	Fiber, Crude (%)	2124	8.450	0.9200	8.130	0.8842	0.3203	32	0.36	004.07	0
004	Fiber, Crude (%)	0160	8.650	1.500	8.130	0.8842	0.3203	32	0.59	004.07	0
004	Fiber, Crude (%)	2393	9.220	0.0000	8.130	0.8842	0.3203	32	1.23	004.06	0
004	Fiber, Crude (%)	2476	9.526	0.0080	8.130	0.8842	0.3203	32	1.58	004.07	0
004	Fiber, Crude (%)	0581	9.630	0.0600	8.130	0.8842	0.3203	32	1.70	004.07	0
004	Fiber, Crude (%)	0613	9.755	1.450	8.130	0.8842	0.3203	32	1.84	004.07	0
004	Fiber, Crude (%)	0529	10.72	0.0200	8.130	0.8842	0.3203	32	2.93	004.07	0
004	Fiber, Crude (%)	0914	10.90	0.4000	8.130	0.8842	0.3203	32	3.13	004.07	0
004	Fiber, Crude (%)	0889	0.0000	0.0000	8.130	0.8842	0.3203	32		004.07	4
005	Ash (%)	1020	2.015	0.2100	2.215	0.0502	0.0419	87	-3.99	005.00	0
005	Ash (%)	0142	2.065	0.1300	2.215	0.0502	0.0419	87	-2.99	005.00	0
005	Ash (%)	0914	2.100	0.0800	2.215	0.0502	0.0419	87	-2.29	005.99	0
005	Ash (%)	0171	2.105	0.0100	2.215	0.0502	0.0419	87	-2.19	005.00	0
005	Ash (%)	2124	2.125	0.1100	2.215	0.0502	0.0419	87	-1.79	005.00	0
005	Ash (%)	2220	2.125	0.2100	2.215	0.0502	0.0419	87	-1.79	005.00	0
005	Ash (%)	0208	2.130	0.0000	2.215	0.0502	0.0419	87	-1.70	005.00	0
005	Ash (%)	0160	2.140	0.0400	2.215	0.0502	0.0419	87	-1.50	005.00	0
005	Ash (%)	2382	2.145	0.0500	2.215	0.0502	0.0419	87	-1.40	005.00	0
005	Ash (%)	2396	2.145	0.1900	2.215	0.0502	0.0419	87	-1.40	005.00	0
005	Ash (%)	0309	2.150	0.0192	2.215	0.0502	0.0419	87	-1.31	005.00	0
005	Ash (%)	2445	2.155	0.0100	2.215	0.0502	0.0419	87	-1.20	005.00	0
005	Ash (%)	2471	2.160	0.0200	2.215	0.0502	0.0419	87	-1.10	005.00	0
005	Ash (%)	2444	2.160	0.0000	2.215	0.0502	0.0419	87	-1.10	005.05	0
005	Ash (%)	2385	2.165	0.0100	2.215	0.0502	0.0419	87	-1.00	005.00	0
005	Ash (%)	0889	2.170	0.0200	2.215	0.0502	0.0419	87	-0.90	005.05	0
005	Ash (%)	2399	2.170	0.0400	2.215	0.0502	0.0419	87	-0.90	005.05	0
005	Ash (%)	2476	2.171	0.0510	2.215	0.0502	0.0419	87	-0.89	005.00	0

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005	Ash (%)	0026	2.175	0.0100	2.215	0.0502	0.0419	87	-0.80	005.00	0
005	Ash (%)	0047	2.175	0.0300	2.215	0.0502	0.0419	87	-0.80	005.00	0
005	Ash (%)	0870	2.176	0.0142	2.215	0.0502	0.0419	87	-0.79	005.00	0
005	Ash (%)	2219	2.180	0.1000	2.215	0.0502	0.0419	87	-0.70	005.00	0
005	Ash (%)	2469	2.185	0.0100	2.215	0.0502	0.0419	87	-0.60	005.00	0
005	Ash (%)	0003	2.185	0.0500	2.215	0.0502	0.0419	87	-0.60	005.05	0
005	Ash (%)	0407	2.190	0.0182	2.215	0.0502	0.0419	87	-0.51	005.00	0
005	Ash (%)	0139	2.190	0.0000	2.215	0.0502	0.0419	87	-0.50	005.05	0
005	Ash (%)	2380	2.190	0.0200	2.215	0.0502	0.0419	87	-0.50	005.00	0
005	Ash (%)	2479	2.190	0.0200	2.215	0.0502	0.0419	87	-0.50	005.00	0
005	Ash (%)	0845	2.190	0.0200	2.215	0.0502	0.0419	87	-0.50	005.05	0
005	Ash (%)	2422	2.195	0.0100	2.215	0.0502	0.0419	87	-0.40	005.05	0
005	Ash (%)	0529	2.200	0.0000	2.215	0.0502	0.0419	87	-0.30	005.00	0
005	Ash (%)	0876	2.200	0.0000	2.215	0.0502	0.0419	87	-0.30	005.00	0
005	Ash (%)	2459	2.200	0.0200	2.215	0.0502	0.0419	87	-0.30	005.00	0
005	Ash (%)	2302	2.205	0.0100	2.215	0.0502	0.0419	87	-0.20	005.00	0
005	Ash (%)	2393	2.205	0.0700	2.215	0.0502	0.0419	87	-0.20	005.00	0
005	Ash (%)	0098	2.210	0.0000	2.215	0.0502	0.0419	87	-0.10	005.00	0
005	Ash (%)	2330	2.210	0.0400	2.215	0.0502	0.0419	87	-0.10	005.00	0
005	Ash (%)	2331	2.215	0.0900	2.215	0.0502	0.0419	87	0.00	005.00	0
005	Ash (%)	2398	2.215	0.0300	2.215	0.0502	0.0419	87	0.00	005.00	0
005	Ash (%)	0034	2.215	0.0300	2.215	0.0502	0.0419	87	0.00	005.05	0
005	Ash (%)	2491	2.216	0.0040	2.215	0.0502	0.0419	87	0.02	005.00	0
005	Ash (%)	2418	2.218	0.0192	2.215	0.0502	0.0419	87	0.07	005.05	0
005	Ash (%)	1021	2.220	0.0000	2.215	0.0502	0.0419	87	0.10	005.05	0
005	Ash (%)	2373	2.225	0.0700	2.215	0.0502	0.0419	87	0.20	005.00	0
005	Ash (%)	2436	2.225	0.0700	2.215	0.0502	0.0419	87	0.20	005.03	0
005	Ash (%)	1024	2.225	0.0100	2.215	0.0502	0.0419	87	0.20	005.05	0
005	Ash (%)	2424	2.225	0.0100	2.215	0.0502	0.0419	87	0.20	005.05	0
005	Ash (%)	2437	2.230	0.0200	2.215	0.0502	0.0419	87	0.30	005.03	0
005	Ash (%)	0001	2.231	0.0300	2.215	0.0502	0.0419	87	0.32	005.00	0
005	Ash (%)	1022	2.235	0.0100	2.215	0.0502	0.0419	87	0.40	005.00	0
005	Ash (%)	2089	2.235	0.0700	2.215	0.0502	0.0419	87	0.40	005.00	0
005	Ash (%)	2475	2.235	0.0100	2.215	0.0502	0.0419	87	0.40	005.00	0
005	Ash (%)	2490	2.235	0.0700	2.215	0.0502	0.0419	87	0.40	005.00	0
005	Ash (%)	2438	2.235	0.0300	2.215	0.0502	0.0419	87	0.40	005.03	0
005	Ash (%)	2439	2.235	0.0100	2.215	0.0502	0.0419	87	0.40	005.03	0
005	Ash (%)	1023	2.235	0.0100	2.215	0.0502	0.0419	87	0.40	005.05	0
005	Ash (%)	2419	2.235	0.1100	2.215	0.0502	0.0419	87	0.40	005.05	0
005	Ash (%)	2420	2.235	0.0300	2.215	0.0502	0.0419	87	0.40	005.05	0
005	Ash (%)	0504	2.240	0.0200	2.215	0.0502	0.0419	87	0.50	005.00	0
005	Ash (%)	2156	2.240	0.0000	2.215	0.0502	0.0419	87	0.50	005.00	0



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005	Ash (%)	2362	2.240	0.0400	2.215	0.0502	0.0419	87	0.50	005.00	0
005	Ash (%)	2441	2.240	0.0200	2.215	0.0502	0.0419	87	0.50	005.00	0
005	Ash (%)	2480	2.240	0.0400	2.215	0.0502	0.0419	87	0.50	005.00	0
005	Ash (%)	2486	2.240	0.0200	2.215	0.0502	0.0419	87	0.50	005.00	0
005	Ash (%)	0027	2.244	0.0460	2.215	0.0502	0.0419	87	0.57	005.00	0
005	Ash (%)	2293	2.245	0.0300	2.215	0.0502	0.0419	87	0.59	005.00	0
005	Ash (%)	2474	2.245	0.0100	2.215	0.0502	0.0419	87	0.59	005.00	0
005	Ash (%)	2477	2.245	0.0100	2.215	0.0502	0.0419	87	0.59	005.00	0
005	Ash (%)	2435	2.245	0.0700	2.215	0.0502	0.0419	87	0.59	005.03	0
005	Ash (%)	2452	2.245	0.0300	2.215	0.0502	0.0419	87	0.59	005.05	0
005	Ash (%)	2252	2.250	0.0000	2.215	0.0502	0.0419	87	0.69	005.00	0
005	Ash (%)	2473	2.250	0.0000	2.215	0.0502	0.0419	87	0.69	005.03	0
005	Ash (%)	2361	2.255	0.0300	2.215	0.0502	0.0419	87	0.79	005.00	0
005	Ash (%)	2408	2.255	0.0300	2.215	0.0502	0.0419	87	0.79	005.00	0
005	Ash (%)	2417	2.260	0.0400	2.215	0.0502	0.0419	87	0.89	005.05	0
005	Ash (%)	2478	2.265	0.0100	2.215	0.0502	0.0419	87	0.99	005.00	0
005	Ash (%)	2472	2.265	0.0900	2.215	0.0502	0.0419	87	0.99	005.03	0
005	Ash (%)	2426	2.275	0.0300	2.215	0.0502	0.0419	87	1.19	005.05	0
005	Ash (%)	2416	2.275	0.0700	2.215	0.0502	0.0419	87	1.19	005.05	0
005	Ash (%)	0613	2.290	0.0600	2.215	0.0502	0.0419	87	1.49	005.99	0
005	Ash (%)	0510	2.295	0.1700	2.215	0.0502	0.0419	87	1.59	005.00	0
005	Ash (%)	1019	2.300	0.2400	2.215	0.0502	0.0419	87	1.69	005.00	0
005	Ash (%)	0511	2.300	0.0000	2.215	0.0502	0.0419	87	1.69	005.03	0
005	Ash (%)	2421	2.305	0.1500	2.215	0.0502	0.0419	87	1.79	005.05	0
005	Ash (%)	2312	2.455	0.4900	2.215	0.0502	0.0419	87	4.78	005.00	0
005	Ash (%)	0226	2.520	0.0400	2.215	0.0502	0.0419	87	6.07	005.00	0
005	Ash (%)	0889	2.838	0.2050	2.215	0.0502	0.0419	87	12.39	005.11	0
005	Ash (%)	0613	4.985	1.550	2.215	0.0502	0.0419	87	55.16	005.11	1
005	Ash (%)	2470	20.47	1.108	2.215	0.0502	0.0419	87	>100	005.05	2
006	Total Sugars (%)	0407	1.645	0.0310				1		006.00	0
008	Fiber, Acid Detergent (%)	0889	9.190	0.0200	11.17	1.439	0.3065	15	-1.38	008.08	0
008	Fiber, Acid Detergent (%)	2445	9.385	0.2300	11.17	1.439	0.3065	15	-1.24	008.08	0
008	Fiber, Acid Detergent (%)	2089	10.05	0.3400	11.17	1.439	0.3065	15	-0.78	008.02	0
008	Fiber, Acid Detergent (%)	0160	10.09	0.4200	11.17	1.439	0.3065	15	-0.75	008.08	0
008	Fiber, Acid Detergent (%)	0309	10.82	0.0311	11.17	1.439	0.3065	15	-0.24	008.02	0
008	Fiber, Acid Detergent (%)	0001	10.86	0.2750	11.17	1.439	0.3065	15	-0.21	008.08	0
008	Fiber, Acid Detergent (%)	0026	10.95	0.2500	11.17	1.439	0.3065	15	-0.16	008.08	0
008	Fiber, Acid Detergent (%)	0027	11.14	0.1610	11.17	1.439	0.3065	15	-0.02	008.99	0
008	Fiber, Acid Detergent (%)	0407	11.17	0.2000	11.17	1.439	0.3065	15	0.00	008.08	0
008	Fiber, Acid Detergent (%)	0870	11.33	0.7145	11.17	1.439	0.3065	15	0.11	008.08	0
008	Fiber, Acid Detergent (%)	0613	11.40	0.6000	11.17	1.439	0.3065	15	0.16	008.08	0
008	Fiber, Acid Detergent (%)	0511	11.55	0.5000	11.17	1.439	0.3065	15	0.26	008.08	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	
008	Fiber, Acid Detergent (%)	0226	13.11	0.2100	11.17	1.439	0.3065	15	1.34	008.02	0
008	Fiber, Acid Detergent (%)	0171	13.20	0.2600	11.17	1.439	0.3065	15	1.41	008.02	0
008	Fiber, Acid Detergent (%)	0581	15.07	0.4800	11.17	1.439	0.3065	15	2.71	008.08	0
008	Fiber, Acid Detergent (%)	0504	11.87	1.730	11.17	1.439	0.3065	15	0.48	008.08	1
009	Fiber, Neutral Detergent (%)	0160	20.10	0.6000	22.53	2.240	0.3618	11	-1.09	009.09	0
009	Fiber, Neutral Detergent (%)	0889	20.48	0.5950	22.53	2.240	0.3618	11	-0.92	009.99	0
009	Fiber, Neutral Detergent (%)	2445	20.54	0.1800	22.53	2.240	0.3618	11	-0.89	009.09	0
009	Fiber, Neutral Detergent (%)	0889	20.92	0.2200	22.53	2.240	0.3618	11	-0.72	009.09	0
009	Fiber, Neutral Detergent (%)	0870	21.94	0.3919	22.53	2.240	0.3618	11	-0.27	009.09	0
009	Fiber, Neutral Detergent (%)	0407	22.82	0.0223	22.53	2.240	0.3618	11	0.13	009.09	0
009	Fiber, Neutral Detergent (%)	2089	22.91	0.1100	22.53	2.240	0.3618	11	0.17	009.07	0
009	Fiber, Neutral Detergent (%)	0613	22.92	0.8100	22.53	2.240	0.3618	11	0.17	009.09	0
009	Fiber, Neutral Detergent (%)	0226	23.93	0.4000	22.53	2.240	0.3618	11	0.62	009.07	0
009	Fiber, Neutral Detergent (%)	0309	25.42	0.3116	22.53	2.240	0.3618	11	1.29	009.07	0
009	Fiber, Neutral Detergent (%)	0504	29.63	0.4100	22.53	2.240	0.3618	11	3.17	009.09	0
009	Fiber, Neutral Detergent (%)	0581	22.53	1.910	22.53	2.240	0.3618	11	0.00	009.09	1
010	Moisture (%)	0889	8.915	0.0100				3		010.11	0
010	Moisture (%)	0034	9.010	0.0400				3		010.99	0
010	Moisture (%)	2476	9.465	0.0160				3		010.99	0
010	Moisture (%)	2089	9.090	0.2800				3		010.99	1
011	Loss on Drying, HT (%)	0026	7.255	0.0700	9.308	0.2454	0.1127	20	-8.37	011.01	0
011	Loss on Drying, HT (%)	0309	8.635	0.0900	9.308	0.2454	0.1127	20	-2.74	011.01	0
011	Loss on Drying, HT (%)	2373	8.930	0.1000	9.308	0.2454	0.1127	20	-1.54	011.01	0
011	Loss on Drying, HT (%)	0226	9.075	0.0500	9.308	0.2454	0.1127	20	-0.95	011.01	0
011	Loss on Drying, HT (%)	0047	9.140	0.2400	9.308	0.2454	0.1127	20	-0.69	011.01	0
011	Loss on Drying, HT (%)	0171	9.225	0.0100	9.308	0.2454	0.1127	20	-0.34	011.01	0
011	Loss on Drying, HT (%)	2459	9.235	0.2700	9.308	0.2454	0.1127	20	-0.30	011.01	0
011	Loss on Drying, HT (%)	2312	9.260	0.2800	9.308	0.2454	0.1127	20	-0.20	011.01	0
011	Loss on Drying, HT (%)	2490	9.265	0.0700	9.308	0.2454	0.1127	20	-0.18	011.01	0
011	Loss on Drying, HT (%)	0511	9.325	0.2100	9.308	0.2454	0.1127	20	0.07	011.01	0
011	Loss on Drying, HT (%)	2491	9.355	0.0900	9.308	0.2454	0.1127	20	0.19	011.01	0
011	Loss on Drying, HT (%)	0529	9.380	0.1200	9.308	0.2454	0.1127	20	0.29	011.02	0
011	Loss on Drying, HT (%)	0870	9.430	0.0806	9.308	0.2454	0.1127	20	0.50	011.01	0
011	Loss on Drying, HT (%)	2486	9.435	0.0100	9.308	0.2454	0.1127	20	0.52	011.01	0
011	Loss on Drying, HT (%)	1019	9.440	0.2600	9.308	0.2454	0.1127	20	0.54	011.01	0
011	Loss on Drying, HT (%)	0208	9.485	0.0700	9.308	0.2454	0.1127	20	0.72	011.01	0
011	Loss on Drying, HT (%)	0098	9.490	0.0000	9.308	0.2454	0.1127	20	0.74	011.01	0
011	Loss on Drying, HT (%)	0407	9.545	0.0211	9.308	0.2454	0.1127	20	0.97	011.01	0
011	Loss on Drying, HT (%)	2302	9.610	0.0200	9.308	0.2454	0.1127	20	1.23	011.01	0
011	Loss on Drying, HT (%)	0510	9.650	0.1000	9.308	0.2454	0.1127	20	1.39	011.01	0
011	Loss on Drying, HT (%)	0160	9.205	0.6100	9.308	0.2454	0.1127	20	-0.42	011.01	1
012	Starch (%)	0613	42.15	2.410	45.34	2.536	0.6847	11	-1.26	012.01	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	
012	Starch (%)	0510	43.05	0.1000	45.34	2.536	0.6847	11	-0.90	012.04	0
012	Starch (%)	0171	43.80	1.200	45.34	2.536	0.6847	11	-0.61	012.01	0
012	Starch (%)	0870	44.15	0.8573	45.34	2.536	0.6847	11	-0.47	012.01	0
012	Starch (%)	0226	44.80	0.5200	45.34	2.536	0.6847	11	-0.21	012.04	0
012	Starch (%)	0160	45.14	0.6800	45.34	2.536	0.6847	11	-0.08	012.01	0
012	Starch (%)	0407	45.16	0.6160	45.34	2.536	0.6847	11	-0.07	012.01	0
012	Starch (%)	0407	45.72	0.1863	45.34	2.536	0.6847	11	0.15	012.03	0
012	Starch (%)	0889	46.49	0.0200	45.34	2.536	0.6847	11	0.45	012.11	0
012	Starch (%)	2089	50.68	0.5200	45.34	2.536	0.6847	11	2.11	012.01	0
012	Starch (%)	0613	50.90	1.300	45.34	2.536	0.6847	11	2.19	012.11	0
013	Fat, Pretreat (%)	1024	4.590	0.0200	5.747	0.5418	0.1483	28	-2.14	013.02	0
013	Fat, Pretreat (%)	2408	4.725	0.1100	5.747	0.5418	0.1483	28	-1.89	013.02	0
013	Fat, Pretreat (%)	0028	4.895	0.0500	5.747	0.5418	0.1483	28	-1.57	013.10	0
013	Fat, Pretreat (%)	2438	5.070	0.0400	5.747	0.5418	0.1483	28	-1.25	013.00	0
013	Fat, Pretreat (%)	0581	5.130	0.0200	5.747	0.5418	0.1483	28	-1.14	013.13	0
013	Fat, Pretreat (%)	2124	5.430	0.2200	5.747	0.5418	0.1483	28	-0.58	013.10	0
013	Fat, Pretreat (%)	0001	5.452	0.1420	5.747	0.5418	0.1483	28	-0.54	013.02	0
013	Fat, Pretreat (%)	0613	5.510	0.0200	5.747	0.5418	0.1483	28	-0.44	013.10	0
013	Fat, Pretreat (%)	2473	5.520	0.3200	5.747	0.5418	0.1483	28	-0.42	013.00	0
013	Fat, Pretreat (%)	0407	5.524	0.1745	5.747	0.5418	0.1483	28	-0.41	013.13	0
013	Fat, Pretreat (%)	2439	5.590	0.3200	5.747	0.5418	0.1483	28	-0.29	013.00	0
013	Fat, Pretreat (%)	2435	5.600	0.0400	5.747	0.5418	0.1483	28	-0.27	013.00	0
013	Fat, Pretreat (%)	2472	5.695	0.1700	5.747	0.5418	0.1483	28	-0.10	013.00	0
013	Fat, Pretreat (%)	0074	5.700	0.1400	5.747	0.5418	0.1483	28	-0.09	013.13	0
013	Fat, Pretreat (%)	2437	5.740	0.1400	5.747	0.5418	0.1483	28	-0.01	013.00	0
013	Fat, Pretreat (%)	2436	5.800	0.0200	5.747	0.5418	0.1483	28	0.10	013.00	0
013	Fat, Pretreat (%)	0309	5.813	0.0123	5.747	0.5418	0.1483	28	0.12	013.00	0
013	Fat, Pretreat (%)	2393	6.005	0.2700	5.747	0.5418	0.1483	28	0.48	013.00	0
013	Fat, Pretreat (%)	2312	6.010	0.5800	5.747	0.5418	0.1483	28	0.49	013.02	0
013	Fat, Pretreat (%)	0914	6.060	0.3600	5.747	0.5418	0.1483	28	0.58	013.02	0
013	Fat, Pretreat (%)	2486	6.130	0.0400	5.747	0.5418	0.1483	28	0.71	013.02	0
013	Fat, Pretreat (%)	0870	6.190	0.3034	5.747	0.5418	0.1483	28	0.82	013.02	0
013	Fat, Pretreat (%)	0407	6.211	0.0130	5.747	0.5418	0.1483	28	0.86	013.02	0
013	Fat, Pretreat (%)	2491	6.215	0.1500	5.747	0.5418	0.1483	28	0.86	013.02	0
013	Fat, Pretreat (%)	0139	6.270	0.0000	5.747	0.5418	0.1483	28	0.97	013.02	0
013	Fat, Pretreat (%)	2490	6.325	0.0300	5.747	0.5418	0.1483	28	1.07	013.02	0
013	Fat, Pretreat (%)	1022	6.670	0.5400	5.747	0.5418	0.1483	28	1.70	013.02	0
013	Fat, Pretreat (%)	0010	6.700	0.0000	5.747	0.5418	0.1483	28	1.76	013.02	0
013	Fat, Pretreat (%)	2396	4.405	1.070	5.747	0.5418	0.1483	28	-2.48	013.02	1
015	Aluminum (ppm)	0407	3.854	0.2887	4.871	1.381	0.3921	4		015.41	0
015	Aluminum (ppm)	0407	4.299	0.6719	4.871	1.381	0.3921	4		015.43	0
015	Aluminum (ppm)	0407	4.422	0.3076	4.871	1.381	0.3921	4		015.53	0

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			
015	Aluminum (ppm)	0226	6.910	0.3000	4.871	1.381	0.3921	4		015.43	0
015	Aluminum (ppm)	0510	< 1		4.871	1.381	0.3921	4		015.43	5
017	Boron (ppm)	0510	1.000	0.0000				3		017.43	0
017	Boron (ppm)	0407	1.048	0.0207				3		017.41	0
017	Boron (ppm)	0407	1.232	0.0008				3		017.43	0
017	Boron (ppm)	0407	0.6597	0.3041				3		017.53	1
019	Calcium (%)	2302	0.0200	0.0000	0.0580	0.0077	0.0016	52	-4.91	019.99	0
019	Calcium (%)	2452	0.0400	0.0000	0.0580	0.0077	0.0016	52	-2.32	019.44	0
019	Calcium (%)	2420	0.0450	0.0100	0.0580	0.0077	0.0016	52	-1.68	019.44	0
019	Calcium (%)	0226	0.0500	0.0000	0.0580	0.0077	0.0016	52	-1.03	019.41	0
019	Calcium (%)	0504	0.0500	0.0000	0.0580	0.0077	0.0016	52	-1.03	019.42	0
019	Calcium (%)	0226	0.0500	0.0000	0.0580	0.0077	0.0016	52	-1.03	019.43	0
019	Calcium (%)	2124	0.0500	0.0000	0.0580	0.0077	0.0016	52	-1.03	019.43	0
019	Calcium (%)	2441	0.0500	0.0000	0.0580	0.0077	0.0016	52	-1.03	019.44	0
019	Calcium (%)	2477	0.0500	0.0000	0.0580	0.0077	0.0016	52	-1.03	019.44	0
019	Calcium (%)	2480	0.0500	0.0000	0.0580	0.0077	0.0016	52	-1.03	019.44	0
019	Calcium (%)	2478	0.0511	0.0002	0.0580	0.0077	0.0016	52	-0.89	019.44	0
019	Calcium (%)	2479	0.0511	0.0002	0.0580	0.0077	0.0016	52	-0.89	019.44	0
019	Calcium (%)	0051	0.0519	0.0015	0.0580	0.0077	0.0016	52	-0.79	019.43	0
019	Calcium (%)	0870	0.0526	0.0016	0.0580	0.0077	0.0016	52	-0.69	019.42	0
019	Calcium (%)	2437	0.0534	0.0017	0.0580	0.0077	0.0016	52	-0.60	019.43	0
019	Calcium (%)	0001	0.0545	0.0010	0.0580	0.0077	0.0016	52	-0.45	019.43	0
019	Calcium (%)	2472	0.0545	0.0038	0.0580	0.0077	0.0016	52	-0.45	019.43	0
019	Calcium (%)	2089	0.0550	0.0100	0.0580	0.0077	0.0016	52	-0.38	019.43	0
019	Calcium (%)	2476	0.0555	0.0030	0.0580	0.0077	0.0016	52	-0.32	019.43	0
019	Calcium (%)	0001	0.0556	0.0006	0.0580	0.0077	0.0016	52	-0.31	019.31	0
019	Calcium (%)	0098	0.0557	0.0020	0.0580	0.0077	0.0016	52	-0.29	019.41	0
019	Calcium (%)	2436	0.0565	0.0004	0.0580	0.0077	0.0016	52	-0.19	019.43	0
019	Calcium (%)	2435	0.0568	0.0002	0.0580	0.0077	0.0016	52	-0.15	019.43	0
019	Calcium (%)	2439	0.0573	0.0005	0.0580	0.0077	0.0016	52	-0.09	019.43	0
019	Calcium (%)	0171	0.0575	0.0010	0.0580	0.0077	0.0016	52	-0.06	019.41	0
019	Calcium (%)	2438	0.0576	0.0005	0.0580	0.0077	0.0016	52	-0.05	019.43	0
019	Calcium (%)	2473	0.0577	0.0005	0.0580	0.0077	0.0016	52	-0.04	019.43	0
019	Calcium (%)	0870	0.0584	0.0027	0.0580	0.0077	0.0016	52	0.05	019.43	0
019	Calcium (%)	0407	0.0587	0.0010	0.0580	0.0077	0.0016	52	0.09	019.53	0
019	Calcium (%)	0529	0.0600	0.0000	0.0580	0.0077	0.0016	52	0.26	019.31	0
019	Calcium (%)	2444	0.0600	0.0000	0.0580	0.0077	0.0016	52	0.26	019.41	0
019	Calcium (%)	0510	0.0600	0.0000	0.0580	0.0077	0.0016	52	0.26	019.43	0
019	Calcium (%)	1022	0.0600	0.0000	0.0580	0.0077	0.0016	52	0.26	019.44	0
019	Calcium (%)	2380	0.0600	0.0000	0.0580	0.0077	0.0016	52	0.26	019.44	0
019	Calcium (%)	2382	0.0600	0.0000	0.0580	0.0077	0.0016	52	0.26	019.44	0
019	Calcium (%)	2385	0.0600	0.0000	0.0580	0.0077	0.0016	52	0.26	019.44	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
019	Calcium (%)	2469	0.0600	0.0000	0.0580	0.0077	0.0016	52	0.26	019.44	0
019	Calcium (%)	2471	0.0600	0.0000	0.0580	0.0077	0.0016	52	0.26	019.44	0
019	Calcium (%)	2428	0.0600	0.0000	0.0580	0.0077	0.0016	52	0.26	019.53	0
019	Calcium (%)	0010	0.0615	0.0010	0.0580	0.0077	0.0016	52	0.46	019.43	0
019	Calcium (%)	0407	0.0617	0.0010	0.0580	0.0077	0.0016	52	0.48	019.41	0
019	Calcium (%)	0098	0.0646	0.0015	0.0580	0.0077	0.0016	52	0.85	019.43	0
019	Calcium (%)	0613	0.0650	0.0100	0.0580	0.0077	0.0016	52	0.91	019.42	0
019	Calcium (%)	0407	0.0650	0.0012	0.0580	0.0077	0.0016	52	0.91	019.43	0
019	Calcium (%)	1024	0.0700	0.0000	0.0580	0.0077	0.0016	52	1.56	019.41	0
019	Calcium (%)	1021	0.0700	0.0000	0.0580	0.0077	0.0016	52	1.56	019.44	0
019	Calcium (%)	1023	0.0700	0.0000	0.0580	0.0077	0.0016	52	1.56	019.44	0
019	Calcium (%)	2399	0.0800	0.0000	0.0580	0.0077	0.0016	52	2.85	019.41	0
019	Calcium (%)	2445	0.0800	0.0000	0.0580	0.0077	0.0016	52	2.85	019.44	0
019	Calcium (%)	0511	0.0850	0.0100	0.0580	0.0077	0.0016	52	3.50	019.43	0
019	Calcium (%)	0139	0.0900	0.0000	0.0580	0.0077	0.0016	52	4.14	019.41	0
019	Calcium (%)	1020	0.1900	0.0000	0.0580	0.0077	0.0016	52	17.07	019.41	0
019	Calcium (%)	2373	0.3850	0.0100	0.0580	0.0077	0.0016	52	42.29	019.00	2
021	Cobalt (ppm)	0510	0.1550	0.0300	0.2061	0.0383	0.0258	4		021.43	0
021	Cobalt (ppm)	0407	0.2028	0.0508	0.2061	0.0383	0.0258	4		021.41	0
021	Cobalt (ppm)	0407	0.2209	0.0062	0.2061	0.0383	0.0258	4		021.53	0
021	Cobalt (ppm)	0407	0.2457	0.0163	0.2061	0.0383	0.0258	4		021.43	0
021	Cobalt (ppm)	2428	< 0.5		0.2061	0.0383	0.0258	4		021.53	5
022	Copper (ppm)	2445	3.230	0.0400	4.009	0.4648	0.1272	45	-1.68	022.43	0
022	Copper (ppm)	0613	3.450	0.2600	4.009	0.4648	0.1272	45	-1.20	022.42	0
022	Copper (ppm)	0511	3.500	1.000	4.009	0.4648	0.1272	45	-1.09	022.43	0
022	Copper (ppm)	2436	3.500	0.6000	4.009	0.4648	0.1272	45	-1.09	022.43	0
022	Copper (ppm)	0226	3.530	0.3200	4.009	0.4648	0.1272	45	-1.03	022.43	0
022	Copper (ppm)	2124	3.560	0.1400	4.009	0.4648	0.1272	45	-0.97	022.43	0
022	Copper (ppm)	0407	3.588	0.1353	4.009	0.4648	0.1272	45	-0.91	022.41	0
022	Copper (ppm)	2444	3.590	0.0400	4.009	0.4648	0.1272	45	-0.90	022.41	0
022	Copper (ppm)	2089	3.640	0.0800	4.009	0.4648	0.1272	45	-0.79	022.43	0
022	Copper (ppm)	0051	3.685	0.1100	4.009	0.4648	0.1272	45	-0.70	022.43	0
022	Copper (ppm)	2382	3.740	0.1600	4.009	0.4648	0.1272	45	-0.58	022.44	0
022	Copper (ppm)	0407	3.748	0.0012	4.009	0.4648	0.1272	45	-0.56	022.43	0
022	Copper (ppm)	2380	3.755	0.1300	4.009	0.4648	0.1272	45	-0.55	022.44	0
022	Copper (ppm)	2441	3.775	0.0100	4.009	0.4648	0.1272	45	-0.50	022.44	0
022	Copper (ppm)	2471	3.820	0.0800	4.009	0.4648	0.1272	45	-0.41	022.44	0
022	Copper (ppm)	0870	3.823	0.1360	4.009	0.4648	0.1272	45	-0.40	022.42	0
022	Copper (ppm)	2477	3.844	0.0110	4.009	0.4648	0.1272	45	-0.36	022.44	0
022	Copper (ppm)	2472	3.850	0.1000	4.009	0.4648	0.1272	45	-0.34	022.43	0
022	Copper (ppm)	0098	3.885	0.1500	4.009	0.4648	0.1272	45	-0.27	022.43	0
022	Copper (ppm)	2437	3.900	0.2000	4.009	0.4648	0.1272	45	-0.23	022.43	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	
022	Copper (ppm)	0171	3.905	0.1300	4.009	0.4648	0.1272	45	-0.22	022.41	0
022	Copper (ppm)	2385	3.905	0.0700	4.009	0.4648	0.1272	45	-0.22	022.44	0
022	Copper (ppm)	0407	3.911	0.3655	4.009	0.4648	0.1272	45	-0.21	022.53	0
022	Copper (ppm)	2469	3.925	0.0300	4.009	0.4648	0.1272	45	-0.18	022.44	0
022	Copper (ppm)	2478	3.929	0.2714	4.009	0.4648	0.1272	45	-0.17	022.44	0
022	Copper (ppm)	0870	3.933	0.0480	4.009	0.4648	0.1272	45	-0.16	022.43	0
022	Copper (ppm)	2479	3.969	0.0655	4.009	0.4648	0.1272	45	-0.09	022.44	0
022	Copper (ppm)	2438	3.975	0.0500	4.009	0.4648	0.1272	45	-0.07	022.43	0
022	Copper (ppm)	0510	4.000	0.0000	4.009	0.4648	0.1272	45	-0.02	022.43	0
022	Copper (ppm)	2473	4.000	0.0000	4.009	0.4648	0.1272	45	-0.02	022.43	0
022	Copper (ppm)	2480	4.035	0.0500	4.009	0.4648	0.1272	45	0.06	022.44	0
022	Copper (ppm)	2435	4.050	0.3000	4.009	0.4648	0.1272	45	0.09	022.43	0
022	Copper (ppm)	2439	4.100	0.2000	4.009	0.4648	0.1272	45	0.20	022.43	0
022	Copper (ppm)	0001	4.245	0.0700	4.009	0.4648	0.1272	45	0.51	022.43	0
022	Copper (ppm)	0098	4.345	0.1500	4.009	0.4648	0.1272	45	0.72	022.41	0
022	Copper (ppm)	0027	4.446	0.0600	4.009	0.4648	0.1272	45	0.94	022.43	0
022	Copper (ppm)	1022	4.583	0.2120	4.009	0.4648	0.1272	45	1.24	022.44	0
022	Copper (ppm)	1021	4.822	0.0210	4.009	0.4648	0.1272	45	1.75	022.44	0
022	Copper (ppm)	1024	4.876	0.0020	4.009	0.4648	0.1272	45	1.87	022.41	0
022	Copper (ppm)	0139	4.898	0.0150	4.009	0.4648	0.1272	45	1.91	022.41	0
022	Copper (ppm)	2398	4.910	0.3400	4.009	0.4648	0.1272	45	1.94	022.44	0
022	Copper (ppm)	1023	4.972	0.0950	4.009	0.4648	0.1272	45	2.07	022.41	0
022	Copper (ppm)	0226	5.005	0.0700	4.009	0.4648	0.1272	45	2.14	022.41	0
022	Copper (ppm)	2399	5.049	0.1340	4.009	0.4648	0.1272	45	2.24	022.41	0
022	Copper (ppm)	1020	11.29	0.2200	4.009	0.4648	0.1272	45	15.66	022.41	0
022	Copper (ppm)	2476	4.446	1.439	4.009	0.4648	0.1272	45	0.94	022.43	1
022	Copper (ppm)	0010	4.850	1.900	4.009	0.4648	0.1272	45	1.81	022.43	1
022	Copper (ppm)	2428	< 0.5		4.009	0.4648	0.1272	45		022.43	5
022	Copper (ppm)	0529	< 9.6		4.009	0.4648	0.1272	45		022.31	5
022	Copper (ppm)	0504	< 15		4.009	0.4648	0.1272	45		022.42	5
025	Iron (ppm)	0504	57.50	1.000	66.15	5.791	2.345	22	-1.49	025.42	0
025	Iron (ppm)	0226	57.68	0.9600	66.15	5.791	2.345	22	-1.46	025.43	0
025	Iron (ppm)	2124	58.98	2.160	66.15	5.791	2.345	22	-1.24	025.43	0
025	Iron (ppm)	2476	61.83	3.780	66.15	5.791	2.345	22	-0.75	025.43	0
025	Iron (ppm)	0511	62.50	5.000	66.15	5.791	2.345	22	-0.63	025.43	0
025	Iron (ppm)	0870	62.52	1.600	66.15	5.791	2.345	22	-0.63	025.42	0
025	Iron (ppm)	0171	63.95	0.7000	66.15	5.791	2.345	22	-0.38	025.41	0
025	Iron (ppm)	0510	64.00	2.000	66.15	5.791	2.345	22	-0.37	025.43	0
025	Iron (ppm)	0051	64.11	0.7200	66.15	5.791	2.345	22	-0.35	025.43	0
025	Iron (ppm)	0407	64.50	0.6519	66.15	5.791	2.345	22	-0.29	025.41	0
025	Iron (ppm)	0098	64.66	0.3600	66.15	5.791	2.345	22	-0.26	025.41	0
025	Iron (ppm)	0407	65.94	0.7817	66.15	5.791	2.345	22	-0.04	025.43	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
025	Iron (ppm)	0226	66.13	0.6000	66.15	5.791	2.345	22	0.00	025.41	0
025	Iron (ppm)	0407	67.21	3.920	66.15	5.791	2.345	22	0.18	025.53	0
025	Iron (ppm)	0870	68.77	9.510	66.15	5.791	2.345	22	0.45	025.43	0
025	Iron (ppm)	0529	69.70	4.600	66.15	5.791	2.345	22	0.61	025.31	0
025	Iron (ppm)	0027	70.17	2.392	66.15	5.791	2.345	22	0.69	025.43	0
025	Iron (ppm)	0001	71.05	8.500	66.15	5.791	2.345	22	0.85	025.43	0
025	Iron (ppm)	0613	71.21	1.450	66.15	5.791	2.345	22	0.87	025.42	0
025	Iron (ppm)	0098	73.81	1.150	66.15	5.791	2.345	22	1.32	025.43	0
025	Iron (ppm)	0010	74.25	1.300	66.15	5.791	2.345	22	1.40	025.43	0
025	Iron (ppm)	2089	82.92	9.190	66.15	5.791	2.345	22	2.90	025.43	0
027	Magnesium (%)	2452	0.0970	0.0000	0.1156	0.0091	0.0021	48	-2.05	027.44	0
027	Magnesium (%)	0139	0.0995	0.0010	0.1156	0.0091	0.0021	48	-1.77	027.41	0
027	Magnesium (%)	2420	0.1000	0.0000	0.1156	0.0091	0.0021	48	-1.72	027.44	0
027	Magnesium (%)	2399	0.1010	0.0000	0.1156	0.0091	0.0021	48	-1.61	027.41	0
027	Magnesium (%)	1020	0.1020	0.0040	0.1156	0.0091	0.0021	48	-1.50	027.41	0
027	Magnesium (%)	2398	0.1030	0.0020	0.1156	0.0091	0.0021	48	-1.39	027.44	0
027	Magnesium (%)	1023	0.1040	0.0000	0.1156	0.0091	0.0021	48	-1.28	027.44	0
027	Magnesium (%)	1024	0.1045	0.0010	0.1156	0.0091	0.0021	48	-1.22	027.41	0
027	Magnesium (%)	1022	0.1055	0.0010	0.1156	0.0091	0.0021	48	-1.11	027.44	0
027	Magnesium (%)	1021	0.1060	0.0000	0.1156	0.0091	0.0021	48	-1.06	027.44	0
027	Magnesium (%)	0504	0.1080	0.0000	0.1156	0.0091	0.0021	48	-0.84	027.42	0
027	Magnesium (%)	0226	0.1100	0.0000	0.1156	0.0091	0.0021	48	-0.62	027.43	0
027	Magnesium (%)	2124	0.1100	0.0000	0.1156	0.0091	0.0021	48	-0.62	027.43	0
027	Magnesium (%)	2480	0.1100	0.0000	0.1156	0.0091	0.0021	48	-0.62	027.44	0
027	Magnesium (%)	2441	0.1105	0.0030	0.1156	0.0091	0.0021	48	-0.56	027.44	0
027	Magnesium (%)	2477	0.1120	0.0000	0.1156	0.0091	0.0021	48	-0.39	027.44	0
027	Magnesium (%)	2476	0.1130	0.0000	0.1156	0.0091	0.0021	48	-0.28	027.43	0
027	Magnesium (%)	2478	0.1131	0.0010	0.1156	0.0091	0.0021	48	-0.27	027.44	0
027	Magnesium (%)	2479	0.1138	0.0002	0.1156	0.0091	0.0021	48	-0.20	027.44	0
027	Magnesium (%)	0051	0.1151	0.0037	0.1156	0.0091	0.0021	48	-0.06	027.43	0
027	Magnesium (%)	0870	0.1158	0.0025	0.1156	0.0091	0.0021	48	0.02	027.42	0
027	Magnesium (%)	2382	0.1170	0.0000	0.1156	0.0091	0.0021	48	0.16	027.44	0
027	Magnesium (%)	2472	0.1176	0.0049	0.1156	0.0091	0.0021	48	0.22	027.43	0
027	Magnesium (%)	2444	0.1185	0.0010	0.1156	0.0091	0.0021	48	0.32	027.41	0
027	Magnesium (%)	0001	0.1190	0.0000	0.1156	0.0091	0.0021	48	0.38	027.43	0
027	Magnesium (%)	2380	0.1190	0.0020	0.1156	0.0091	0.0021	48	0.38	027.44	0
027	Magnesium (%)	2471	0.1195	0.0010	0.1156	0.0091	0.0021	48	0.43	027.44	0
027	Magnesium (%)	0529	0.1200	0.0000	0.1156	0.0091	0.0021	48	0.49	027.31	0
027	Magnesium (%)	0098	0.1200	0.0000	0.1156	0.0091	0.0021	48	0.49	027.41	0
027	Magnesium (%)	0171	0.1200	0.0020	0.1156	0.0091	0.0021	48	0.49	027.41	0
027	Magnesium (%)	0226	0.1200	0.0000	0.1156	0.0091	0.0021	48	0.49	027.41	0
027	Magnesium (%)	0510	0.1200	0.0000	0.1156	0.0091	0.0021	48	0.49	027.43	0

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027	Magnesium (%)	0511	0.1200	0.0000	0.1156	0.0091	0.0021	48	0.49	027.43	0
027	Magnesium (%)	2089	0.1200	0.0000	0.1156	0.0091	0.0021	48	0.49	027.43	0
027	Magnesium (%)	2469	0.1200	0.0020	0.1156	0.0091	0.0021	48	0.49	027.44	0
027	Magnesium (%)	2428	0.1200	0.0000	0.1156	0.0091	0.0021	48	0.49	027.53	0
027	Magnesium (%)	2385	0.1205	0.0010	0.1156	0.0091	0.0021	48	0.54	027.44	0
027	Magnesium (%)	2473	0.1219	0.0000	0.1156	0.0091	0.0021	48	0.70	027.43	0
027	Magnesium (%)	2438	0.1222	0.0005	0.1156	0.0091	0.0021	48	0.72	027.43	0
027	Magnesium (%)	2436	0.1225	0.0013	0.1156	0.0091	0.0021	48	0.76	027.43	0
027	Magnesium (%)	2435	0.1227	0.0044	0.1156	0.0091	0.0021	48	0.78	027.43	0
027	Magnesium (%)	2439	0.1231	0.0048	0.1156	0.0091	0.0021	48	0.83	027.43	0
027	Magnesium (%)	0870	0.1235	0.0016	0.1156	0.0091	0.0021	48	0.87	027.43	0
027	Magnesium (%)	0407	0.1251	0.0053	0.1156	0.0091	0.0021	48	1.04	027.43	0
027	Magnesium (%)	0407	0.1251	0.0014	0.1156	0.0091	0.0021	48	1.05	027.41	0
027	Magnesium (%)	0407	0.1284	0.0006	0.1156	0.0091	0.0021	48	1.41	027.53	0
027	Magnesium (%)	0010	0.1300	0.0000	0.1156	0.0091	0.0021	48	1.59	027.43	0
027	Magnesium (%)	0098	0.1300	0.0000	0.1156	0.0091	0.0021	48	1.59	027.43	0
027	Magnesium (%)	0001	0.1127	0.0111	0.1156	0.0091	0.0021	48	-0.32	027.31	1
027	Magnesium (%)	0613	0.1250	0.0100	0.1156	0.0091	0.0021	48	1.04	027.42	1
027	Magnesium (%)	2437	0.4016	0.0059	0.1156	0.0091	0.0021	48	31.52	027.43	2
028	Manganese (ppm)	0504	32.30	0.0000	38.64	1.501	0.7144	51	-4.23	028.42	0
028	Manganese (ppm)	0613	35.25	1.720	38.64	1.501	0.7144	51	-2.26	028.42	0
028	Manganese (ppm)	2452	36.03	0.1400	38.64	1.501	0.7144	51	-1.74	028.44	0
028	Manganese (ppm)	0407	36.42	0.3447	38.64	1.501	0.7144	51	-1.48	028.41	0
028	Manganese (ppm)	0139	36.51	0.2600	38.64	1.501	0.7144	51	-1.42	028.41	0
028	Manganese (ppm)	0870	37.23	1.990	38.64	1.501	0.7144	51	-0.95	028.42	0
028	Manganese (ppm)	0010	37.25	1.100	38.64	1.501	0.7144	51	-0.93	028.43	0
028	Manganese (ppm)	2420	37.41	0.2200	38.64	1.501	0.7144	51	-0.82	028.44	0
028	Manganese (ppm)	2399	37.46	0.4800	38.64	1.501	0.7144	51	-0.79	028.41	0
028	Manganese (ppm)	1023	37.49	0.1300	38.64	1.501	0.7144	51	-0.77	028.44	0
028	Manganese (ppm)	0001	37.50	0.3000	38.64	1.501	0.7144	51	-0.76	028.31	0
028	Manganese (ppm)	1024	37.51	0.4800	38.64	1.501	0.7144	51	-0.76	028.41	0
028	Manganese (ppm)	2124	37.78	1.380	38.64	1.501	0.7144	51	-0.58	028.43	0
028	Manganese (ppm)	2380	37.82	0.1200	38.64	1.501	0.7144	51	-0.55	028.44	0
028	Manganese (ppm)	1021	37.84	0.0000	38.64	1.501	0.7144	51	-0.54	028.44	0
028	Manganese (ppm)	0098	37.86	0.4300	38.64	1.501	0.7144	51	-0.53	028.41	0
028	Manganese (ppm)	2398	37.91	0.4100	38.64	1.501	0.7144	51	-0.49	028.44	0
028	Manganese (ppm)	0511	38.00	2.000	38.64	1.501	0.7144	51	-0.43	028.43	0
028	Manganese (ppm)	1022	38.01	0.1700	38.64	1.501	0.7144	51	-0.43	028.44	0
028	Manganese (ppm)	2476	38.02	0.3100	38.64	1.501	0.7144	51	-0.42	028.43	0
028	Manganese (ppm)	2385	38.04	0.8300	38.64	1.501	0.7144	51	-0.41	028.44	0
028	Manganese (ppm)	2382	38.05	0.1900	38.64	1.501	0.7144	51	-0.40	028.44	0
028	Manganese (ppm)	2444	38.19	0.3300	38.64	1.501	0.7144	51	-0.31	028.44	0



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028	Manganese (ppm)	0051	38.25	0.6500	38.64	1.501	0.7144	51	-0.27	028.43	0
028	Manganese (ppm)	0407	38.25	1.042	38.64	1.501	0.7144	51	-0.27	028.43	0
028	Manganese (ppm)	2471	38.26	0.2500	38.64	1.501	0.7144	51	-0.26	028.44	0
028	Manganese (ppm)	2469	38.39	0.1200	38.64	1.501	0.7144	51	-0.17	028.44	0
028	Manganese (ppm)	0407	38.60	1.435	38.64	1.501	0.7144	51	-0.03	028.53	0
028	Manganese (ppm)	2472	38.60	1.000	38.64	1.501	0.7144	51	-0.03	028.43	0
028	Manganese (ppm)	0226	38.63	0.8500	38.64	1.501	0.7144	51	-0.01	028.43	0
028	Manganese (ppm)	2441	39.09	1.500	38.64	1.501	0.7144	51	0.30	028.44	0
028	Manganese (ppm)	0171	39.25	0.3000	38.64	1.501	0.7144	51	0.40	028.41	0
028	Manganese (ppm)	0529	39.45	0.3000	38.64	1.501	0.7144	51	0.54	028.31	0
028	Manganese (ppm)	2477	39.45	0.7200	38.64	1.501	0.7144	51	0.54	028.44	0
028	Manganese (ppm)	0226	39.49	1.130	38.64	1.501	0.7144	51	0.56	028.41	0
028	Manganese (ppm)	0510	39.50	1.000	38.64	1.501	0.7144	51	0.57	028.43	0
028	Manganese (ppm)	2480	39.74	0.0400	38.64	1.501	0.7144	51	0.73	028.44	0
028	Manganese (ppm)	2478	39.83	0.0435	38.64	1.501	0.7144	51	0.79	028.44	0
028	Manganese (ppm)	0001	39.90	1.000	38.64	1.501	0.7144	51	0.84	028.43	0
028	Manganese (ppm)	2438	39.93	0.6500	38.64	1.501	0.7144	51	0.85	028.43	0
028	Manganese (ppm)	2473	39.95	0.9000	38.64	1.501	0.7144	51	0.87	028.43	0
028	Manganese (ppm)	2479	39.95	0.2201	38.64	1.501	0.7144	51	0.87	028.44	0
028	Manganese (ppm)	2436	40.05	0.9000	38.64	1.501	0.7144	51	0.94	028.43	0
028	Manganese (ppm)	2435	40.25	1.700	38.64	1.501	0.7144	51	1.07	028.43	0
028	Manganese (ppm)	2437	40.30	0.2000	38.64	1.501	0.7144	51	1.10	028.43	0
028	Manganese (ppm)	2439	40.35	0.9000	38.64	1.501	0.7144	51	1.14	028.43	0
028	Manganese (ppm)	0870	40.41	2.540	38.64	1.501	0.7144	51	1.18	028.43	0
028	Manganese (ppm)	2428	41.00	0.0000	38.64	1.501	0.7144	51	1.57	028.53	0
028	Manganese (ppm)	0027	41.33	0.5440	38.64	1.501	0.7144	51	1.79	028.43	0
028	Manganese (ppm)	0098	42.24	1.350	38.64	1.501	0.7144	51	2.39	028.43	0
028	Manganese (ppm)	2089	42.59	3.100	38.64	1.501	0.7144	51	2.63	028.43	0
031	Phosphorus (%)	2491	0.2550	0.0020	0.3040	0.0131	0.0077	58	-3.73	031.99	0
031	Phosphorus (%)	0504	0.2740	0.0060	0.3040	0.0131	0.0077	58	-2.28	031.42	0
031	Phosphorus (%)	0051	0.2783	0.0091	0.3040	0.0131	0.0077	58	-1.96	031.43	0
031	Phosphorus (%)	2420	0.2800	0.0200	0.3040	0.0131	0.0077	58	-1.82	031.44	0
031	Phosphorus (%)	2452	0.2800	0.0000	0.3040	0.0131	0.0077	58	-1.82	031.44	0
031	Phosphorus (%)	0870	0.2827	0.0132	0.3040	0.0131	0.0077	58	-1.62	031.42	0
031	Phosphorus (%)	0613	0.2850	0.0100	0.3040	0.0131	0.0077	58	-1.44	031.42	0
031	Phosphorus (%)	2124	0.2850	0.0100	0.3040	0.0131	0.0077	58	-1.44	031.43	0
031	Phosphorus (%)	0139	0.2900	0.0000	0.3040	0.0131	0.0077	58	-1.06	031.41	0
031	Phosphorus (%)	2399	0.2900	0.0000	0.3040	0.0131	0.0077	58	-1.06	031.41	0
031	Phosphorus (%)	0226	0.2950	0.0100	0.3040	0.0131	0.0077	58	-0.68	031.43	0
031	Phosphorus (%)	2089	0.2950	0.0100	0.3040	0.0131	0.0077	58	-0.68	031.43	0
031	Phosphorus (%)	2398	0.2950	0.0100	0.3040	0.0131	0.0077	58	-0.68	031.44	0
031	Phosphorus (%)	2302	0.2950	0.0100	0.3040	0.0131	0.0077	58	-0.68	031.99	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	
031	Phosphorus (%)	0001	0.2970	0.0020	0.3040	0.0131	0.0077	58	-0.53	031.43	0
031	Phosphorus (%)	0171	0.2985	0.0030	0.3040	0.0131	0.0077	58	-0.42	031.41	0
031	Phosphorus (%)	1024	0.3000	0.0000	0.3040	0.0131	0.0077	58	-0.30	031.41	0
031	Phosphorus (%)	0010	0.3000	0.0000	0.3040	0.0131	0.0077	58	-0.30	031.43	0
031	Phosphorus (%)	1022	0.3000	0.0000	0.3040	0.0131	0.0077	58	-0.30	031.44	0
031	Phosphorus (%)	1023	0.3000	0.0000	0.3040	0.0131	0.0077	58	-0.30	031.44	0
031	Phosphorus (%)	2380	0.3000	0.0000	0.3040	0.0131	0.0077	58	-0.30	031.44	0
031	Phosphorus (%)	2382	0.3000	0.0000	0.3040	0.0131	0.0077	58	-0.30	031.44	0
031	Phosphorus (%)	2444	0.3000	0.0000	0.3040	0.0131	0.0077	58	-0.30	031.44	0
031	Phosphorus (%)	2480	0.3000	0.0000	0.3040	0.0131	0.0077	58	-0.30	031.44	0
031	Phosphorus (%)	2472	0.3017	0.0106	0.3040	0.0131	0.0077	58	-0.17	031.43	0
031	Phosphorus (%)	0001	0.3025	0.0069	0.3040	0.0131	0.0077	58	-0.12	031.03	0
031	Phosphorus (%)	2490	0.3025	0.0010	0.3040	0.0131	0.0077	58	-0.11	031.99	0
031	Phosphorus (%)	0098	0.3028	0.0034	0.3040	0.0131	0.0077	58	-0.09	031.41	0
031	Phosphorus (%)	1020	0.3050	0.0100	0.3040	0.0131	0.0077	58	0.08	031.41	0
031	Phosphorus (%)	0511	0.3050	0.0100	0.3040	0.0131	0.0077	58	0.08	031.43	0
031	Phosphorus (%)	2471	0.3050	0.0100	0.3040	0.0131	0.0077	58	0.08	031.44	0
031	Phosphorus (%)	2477	0.3050	0.0100	0.3040	0.0131	0.0077	58	0.08	031.44	0
031	Phosphorus (%)	2486	0.3050	0.0100	0.3040	0.0131	0.0077	58	0.08	031.99	0
031	Phosphorus (%)	2478	0.3060	0.0020	0.3040	0.0131	0.0077	58	0.15	031.44	0
031	Phosphorus (%)	2479	0.3065	0.0002	0.3040	0.0131	0.0077	58	0.19	031.44	0
031	Phosphorus (%)	2476	0.3070	0.0020	0.3040	0.0131	0.0077	58	0.23	031.43	0
031	Phosphorus (%)	2437	0.3076	0.0193	0.3040	0.0131	0.0077	58	0.27	031.43	0
031	Phosphorus (%)	0226	0.3100	0.0000	0.3040	0.0131	0.0077	58	0.46	031.41	0
031	Phosphorus (%)	1021	0.3100	0.0000	0.3040	0.0131	0.0077	58	0.46	031.44	0
031	Phosphorus (%)	2385	0.3100	0.0000	0.3040	0.0131	0.0077	58	0.46	031.44	0
031	Phosphorus (%)	2441	0.3100	0.0000	0.3040	0.0131	0.0077	58	0.46	031.44	0
031	Phosphorus (%)	2469	0.3100	0.0000	0.3040	0.0131	0.0077	58	0.46	031.44	0
031	Phosphorus (%)	0870	0.3102	0.0180	0.3040	0.0131	0.0077	58	0.47	031.43	0
031	Phosphorus (%)	2438	0.3128	0.0025	0.3040	0.0131	0.0077	58	0.67	031.43	0
031	Phosphorus (%)	2473	0.3137	0.0014	0.3040	0.0131	0.0077	58	0.74	031.43	0
031	Phosphorus (%)	0407	0.3145	0.0003	0.3040	0.0131	0.0077	58	0.80	031.53	0
031	Phosphorus (%)	2435	0.3146	0.0103	0.3040	0.0131	0.0077	58	0.81	031.43	0
031	Phosphorus (%)	2436	0.3148	0.0045	0.3040	0.0131	0.0077	58	0.82	031.43	0
031	Phosphorus (%)	2373	0.3150	0.0100	0.3040	0.0131	0.0077	58	0.84	031.01	0
031	Phosphorus (%)	2439	0.3170	0.0093	0.3040	0.0131	0.0077	58	0.99	031.43	0
031	Phosphorus (%)	0098	0.3176	0.0047	0.3040	0.0131	0.0077	58	1.03	031.43	0
031	Phosphorus (%)	0407	0.3202	0.0112	0.3040	0.0131	0.0077	58	1.24	031.41	0
031	Phosphorus (%)	0407	0.3205	0.0085	0.3040	0.0131	0.0077	58	1.25	031.43	0
031	Phosphorus (%)	0027	0.3225	0.0010	0.3040	0.0131	0.0077	58	1.41	031.43	0
031	Phosphorus (%)	0529	0.3250	0.0100	0.3040	0.0131	0.0077	58	1.60	031.01	0
031	Phosphorus (%)	2428	0.3250	0.0100	0.3040	0.0131	0.0077	58	1.60	031.53	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 (%)	0510	0.3300	0.0200	0.3040	0.0131	0.0077	58	1.98	031.43	0
031	Phosphorus (%)	2445	0.3300	0.0000	0.3040	0.0131	0.0077	58	1.98	031.44	0
032	Potassium (%)	0226	0.3300	0.0000	0.3778	0.0226	0.0102	53	-2.11	032.43	0
032	Potassium (%)	0504	0.3320	0.0040	0.3778	0.0226	0.0102	53	-2.02	032.42	0
032	Potassium (%)	2452	0.3400	0.0000	0.3778	0.0226	0.0102	53	-1.67	032.44	0
032	Potassium (%)	2477	0.3400	0.0000	0.3778	0.0226	0.0102	53	-1.67	032.44	0
032	Potassium (%)	2480	0.3400	0.0000	0.3778	0.0226	0.0102	53	-1.67	032.44	0
032	Potassium (%)	2479	0.3435	0.0065	0.3778	0.0226	0.0102	53	-1.52	032.44	0
032	Potassium (%)	2441	0.3450	0.0100	0.3778	0.0226	0.0102	53	-1.45	032.44	0
032	Potassium (%)	2478	0.3469	0.0036	0.3778	0.0226	0.0102	53	-1.37	032.44	0
032	Potassium (%)	2382	0.3500	0.0000	0.3778	0.0226	0.0102	53	-1.23	032.44	0
032	Potassium (%)	0001	0.3550	0.0000	0.3778	0.0226	0.0102	53	-1.01	032.43	0
032	Potassium (%)	2124	0.3550	0.0100	0.3778	0.0226	0.0102	53	-1.01	032.43	0
032	Potassium (%)	2444	0.3600	0.0000	0.3778	0.0226	0.0102	53	-0.79	032.44	0
032	Potassium (%)	0139	0.3650	0.0100	0.3778	0.0226	0.0102	53	-0.57	032.41	0
032	Potassium (%)	2399	0.3650	0.0100	0.3778	0.0226	0.0102	53	-0.57	032.41	0
032	Potassium (%)	0613	0.3650	0.0100	0.3778	0.0226	0.0102	53	-0.57	032.42	0
032	Potassium (%)	0226	0.3700	0.0000	0.3778	0.0226	0.0102	53	-0.35	032.41	0
032	Potassium (%)	2380	0.3700	0.0000	0.3778	0.0226	0.0102	53	-0.35	032.44	0
032	Potassium (%)	2385	0.3700	0.0000	0.3778	0.0226	0.0102	53	-0.35	032.44	0
032	Potassium (%)	2469	0.3700	0.0000	0.3778	0.0226	0.0102	53	-0.35	032.44	0
032	Potassium (%)	2471	0.3700	0.0000	0.3778	0.0226	0.0102	53	-0.35	032.44	0
032	Potassium (%)	0051	0.3748	0.0073	0.3778	0.0226	0.0102	53	-0.14	032.43	0
032	Potassium (%)	2089	0.3750	0.0100	0.3778	0.0226	0.0102	53	-0.12	032.43	0
032	Potassium (%)	1024	0.3800	0.0000	0.3778	0.0226	0.0102	53	0.10	032.41	0
032	Potassium (%)	1022	0.3800	0.0000	0.3778	0.0226	0.0102	53	0.10	032.44	0
032	Potassium (%)	1023	0.3800	0.0000	0.3778	0.0226	0.0102	53	0.10	032.44	0
032	Potassium (%)	2398	0.3800	0.0200	0.3778	0.0226	0.0102	53	0.10	032.44	0
032	Potassium (%)	0027	0.3805	0.0010	0.3778	0.0226	0.0102	53	0.12	032.43	0
032	Potassium (%)	2472	0.3816	0.0182	0.3778	0.0226	0.0102	53	0.17	032.43	0
032	Potassium (%)	0001	0.3820	0.0250	0.3778	0.0226	0.0102	53	0.18	032.99	0
032	Potassium (%)	0511	0.3850	0.0100	0.3778	0.0226	0.0102	53	0.32	032.43	0
032	Potassium (%)	2428	0.3850	0.0100	0.3778	0.0226	0.0102	53	0.32	032.53	0
032	Potassium (%)	0870	0.3862	0.0263	0.3778	0.0226	0.0102	53	0.37	032.42	0
032	Potassium (%)	2476	0.3865	0.0110	0.3778	0.0226	0.0102	53	0.38	032.43	0
032	Potassium (%)	0208	0.3875	0.0030	0.3778	0.0226	0.0102	53	0.43	032.31	0
032	Potassium (%)	0171	0.3875	0.0010	0.3778	0.0226	0.0102	53	0.43	032.41	0
032	Potassium (%)	0098	0.3900	0.0000	0.3778	0.0226	0.0102	53	0.54	032.41	0
032	Potassium (%)	0098	0.3900	0.0000	0.3778	0.0226	0.0102	53	0.54	032.43	0
032	Potassium (%)	0208	0.3915	0.0170	0.3778	0.0226	0.0102	53	0.60	032.41	0
032	Potassium (%)	0407	0.3924	0.0104	0.3778	0.0226	0.0102	53	0.64	032.41	0
032	Potassium (%)	0510	0.3950	0.0100	0.3778	0.0226	0.0102	53	0.76	032.43	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
032	Potassium (%)	1021	0.3950	0.0100	0.3778	0.0226	0.0102	53	0.76	032.44	0
032	Potassium (%)	2473	0.3958	0.0082	0.3778	0.0226	0.0102	53	0.79	032.43	0
032	Potassium (%)	2438	0.3967	0.0049	0.3778	0.0226	0.0102	53	0.83	032.43	0
032	Potassium (%)	0870	0.3971	0.0082	0.3778	0.0226	0.0102	53	0.85	032.43	0
032	Potassium (%)	2436	0.3989	0.0098	0.3778	0.0226	0.0102	53	0.93	032.43	0
032	Potassium (%)	0407	0.3992	0.0110	0.3778	0.0226	0.0102	53	0.94	032.53	0
032	Potassium (%)	2435	0.3998	0.0139	0.3778	0.0226	0.0102	53	0.97	032.43	0
032	Potassium (%)	2439	0.4005	0.0168	0.3778	0.0226	0.0102	53	1.00	032.43	0
032	Potassium (%)	2437	0.4016	0.0059	0.3778	0.0226	0.0102	53	1.05	032.43	0
032	Potassium (%)	0407	0.4049	0.0287	0.3778	0.0226	0.0102	53	1.19	032.43	0
032	Potassium (%)	1020	0.4050	0.0100	0.3778	0.0226	0.0102	53	1.20	032.41	0
032	Potassium (%)	0529	0.4100	0.0000	0.3778	0.0226	0.0102	53	1.42	032.31	0
032	Potassium (%)	0010	0.4100	0.0000	0.3778	0.0226	0.0102	53	1.42	032.43	0
032	Potassium (%)	2420	0.3500	0.0400	0.3778	0.0226	0.0102	53	-1.23	032.44	1
033	Salt as chloride (%)	0510	0.0500	0.0000				3		033.01	0
033	Salt as chloride (%)	0098	0.1100	0.0000				3		033.01	0
033	Salt as chloride (%)	0407	0.1315	0.0010				3		033.01	0
033	Salt as chloride (%)	0309	0.0837	0.0207				3		033.00	1
033	Salt as chloride (%)	0504	< 0.1					3		033.00	5
034	Selenium, Total (Se) (ppm)	0171	0.1150	0.0100				2		034.04	0
034	Selenium, Total (Se) (ppm)	0407	0.1806	0.0008				2		034.53	0
034	Selenium, Total (Se) (ppm)	2476	0.0000	0.0000				2		034.43	4
034	Selenium, Total (Se) (ppm)	2428	< 0.5					2		034.53	5
035	Sodium (%)	0870	0.0050	0.0001	0.0105	0.0041	0.0005	29	-1.34	035.42	0
035	Sodium (%)	0051	0.0053	0.0000	0.0105	0.0041	0.0005	29	-1.25	035.43	0
035	Sodium (%)	0098	0.0057	0.0005	0.0105	0.0041	0.0005	29	-1.17	035.41	0
035	Sodium (%)	0870	0.0059	0.0002	0.0105	0.0041	0.0005	29	-1.11	035.43	0
035	Sodium (%)	0098	0.0061	0.0007	0.0105	0.0041	0.0005	29	-1.07	035.43	0
035	Sodium (%)	0407	0.0073	0.0001	0.0105	0.0041	0.0005	29	-0.78	035.53	0
035	Sodium (%)	0510	0.0080	0.0020	0.0105	0.0041	0.0005	29	-0.60	035.43	0
035	Sodium (%)	0407	0.0098	0.0006	0.0105	0.0041	0.0005	29	-0.16	035.43	0
035	Sodium (%)	0139	0.0100	0.0000	0.0105	0.0041	0.0005	29	-0.11	035.41	0
035	Sodium (%)	0226	0.0100	0.0000	0.0105	0.0041	0.0005	29	-0.11	035.41	0
035	Sodium (%)	2380	0.0100	0.0000	0.0105	0.0041	0.0005	29	-0.11	035.41	0
035	Sodium (%)	2382	0.0100	0.0000	0.0105	0.0041	0.0005	29	-0.11	035.41	0
035	Sodium (%)	2385	0.0100	0.0000	0.0105	0.0041	0.0005	29	-0.11	035.41	0
035	Sodium (%)	2398	0.0100	0.0000	0.0105	0.0041	0.0005	29	-0.11	035.41	0
035	Sodium (%)	2420	0.0100	0.0000	0.0105	0.0041	0.0005	29	-0.11	035.41	0
035	Sodium (%)	2444	0.0100	0.0000	0.0105	0.0041	0.0005	29	-0.11	035.41	0
035	Sodium (%)	2452	0.0100	0.0000	0.0105	0.0041	0.0005	29	-0.11	035.41	0
035	Sodium (%)	2469	0.0100	0.0000	0.0105	0.0041	0.0005	29	-0.11	035.41	0
035	Sodium (%)	2471	0.0100	0.0000	0.0105	0.0041	0.0005	29	-0.11	035.41	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
035	Sodium (%)	0613	0.0100	0.0000	0.0105	0.0041	0.0005	29	-0.11	035.42	0
035	Sodium (%)	0226	0.0100	0.0000	0.0105	0.0041	0.0005	29	-0.11	035.43	0
035	Sodium (%)	0407	0.0102	0.0001	0.0105	0.0041	0.0005	29	-0.08	035.41	0
035	Sodium (%)	0171	0.0105	0.0010	0.0105	0.0041	0.0005	29	0.01	035.41	0
035	Sodium (%)	2399	0.0200	0.0000	0.0105	0.0041	0.0005	29	2.32	035.41	0
035	Sodium (%)	2441	0.0200	0.0000	0.0105	0.0041	0.0005	29	2.32	035.41	0
035	Sodium (%)	2477	0.0200	0.0000	0.0105	0.0041	0.0005	29	2.32	035.41	0
035	Sodium (%)	2480	0.0200	0.0000	0.0105	0.0041	0.0005	29	2.32	035.41	0
035	Sodium (%)	2479	0.0228	0.0000	0.0105	0.0041	0.0005	29	3.00	035.41	0
035	Sodium (%)	2478	0.0229	0.0001	0.0105	0.0041	0.0005	29	3.01	035.41	0
035	Sodium (%)	2089	0.0250	0.0100	0.0105	0.0041	0.0005	29	3.54	035.43	1
035	Sodium (%)	1020	0.0450	0.0100	0.0105	0.0041	0.0005	29	8.40	035.41	1
035	Sodium (%)	1021	0.0000	0.0000	0.0105	0.0041	0.0005	29		035.41	4
035	Sodium (%)	1022	0.0000	0.0000	0.0105	0.0041	0.0005	29		035.41	4
035	Sodium (%)	1023	0.0000	0.0000	0.0105	0.0041	0.0005	29		035.41	4
035	Sodium (%)	1024	0.0000	0.0000	0.0105	0.0041	0.0005	29		035.41	4
035	Sodium (%)	2124	< 0.01		0.0105	0.0041	0.0005	29		035.43	5
035	Sodium (%)	0504	< 0.015		0.0105	0.0041	0.0005	29		035.42	5
036	Sulfur (%)	0407	0.1646	0.0033	0.1780	0.0120	0.0057	14	-1.12	036.42	0
036	Sulfur (%)	0613	0.1650	0.0100	0.1780	0.0120	0.0057	14	-1.09	036.42	0
036	Sulfur (%)	0407	0.1665	0.0013	0.1780	0.0120	0.0057	14	-0.97	036.43	0
036	Sulfur (%)	0870	0.1695	0.0102	0.1780	0.0120	0.0057	14	-0.71	036.42	0
036	Sulfur (%)	0226	0.1700	0.0000	0.1780	0.0120	0.0057	14	-0.67	036.43	0
036	Sulfur (%)	0001	0.1735	0.0010	0.1780	0.0120	0.0057	14	-0.38	036.43	0
036	Sulfur (%)	2476	0.1765	0.0010	0.1780	0.0120	0.0057	14	-0.13	036.43	0
036	Sulfur (%)	0171	0.1780	0.0040	0.1780	0.0120	0.0057	14	0.00	036.42	0
036	Sulfur (%)	0226	0.1800	0.0000	0.1780	0.0120	0.0057	14	0.17	036.04	0
036	Sulfur (%)	0010	0.1850	0.0100	0.1780	0.0120	0.0057	14	0.58	036.43	0
036	Sulfur (%)	0510	0.1850	0.0100	0.1780	0.0120	0.0057	14	0.58	036.43	0
036	Sulfur (%)	0098	0.1877	0.0013	0.1780	0.0120	0.0057	14	0.81	036.43	0
036	Sulfur (%)	2089	0.1950	0.0100	0.1780	0.0120	0.0057	14	1.42	036.43	0
036	Sulfur (%)	0870	0.1966	0.0061	0.1780	0.0120	0.0057	14	1.55	036.43	0
036	Sulfur (%)	2428	0.3850	0.0100	0.1780	0.0120	0.0057	14	17.29	036.43	2
037	Zinc (ppm)	1022	9.282	0.7970	28.70	3.260	0.6388	49	-5.96	037.44	0
037	Zinc (ppm)	1020	9.410	0.1540	28.70	3.260	0.6388	49	-5.92	037.41	0
037	Zinc (ppm)	1024	9.746	0.8880	28.70	3.260	0.6388	49	-5.81	037.41	0
037	Zinc (ppm)	1023	10.74	0.5100	28.70	3.260	0.6388	49	-5.51	037.44	0
037	Zinc (ppm)	0139	11.40	0.0600	28.70	3.260	0.6388	49	-5.31	037.41	0
037	Zinc (ppm)	1021	11.88	0.2300	28.70	3.260	0.6388	49	-5.16	037.44	0
037	Zinc (ppm)	2399	14.56	0.6200	28.70	3.260	0.6388	49	-4.34	037.41	0
037	Zinc (ppm)	2398	15.63	5.110	28.70	3.260	0.6388	49	-4.01	037.44	0
037	Zinc (ppm)	2476	25.51	1.670	28.70	3.260	0.6388	49	-0.98	037.43	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	
037	Zinc (ppm)	0001	25.53	3.280	28.70	3.260	0.6388	49	-0.97	037.31	0
037	Zinc (ppm)	0870	25.65	1.340	28.70	3.260	0.6388	49	-0.93	037.42	0
037	Zinc (ppm)	0226	25.87	0.9600	28.70	3.260	0.6388	49	-0.87	037.43	0
037	Zinc (ppm)	2445	26.31	0.6600	28.70	3.260	0.6388	49	-0.73	037.43	0
037	Zinc (ppm)	0051	26.48	0.4700	28.70	3.260	0.6388	49	-0.68	037.43	0
037	Zinc (ppm)	0504	27.00	0.0000	28.70	3.260	0.6388	49	-0.52	037.42	0
037	Zinc (ppm)	0511	27.50	1.000	28.70	3.260	0.6388	49	-0.37	037.43	0
037	Zinc (ppm)	2124	27.66	1.010	28.70	3.260	0.6388	49	-0.32	037.43	0
037	Zinc (ppm)	0001	28.70	0.6000	28.70	3.260	0.6388	49	0.00	037.43	0
037	Zinc (ppm)	2472	28.80	0.8000	28.70	3.260	0.6388	49	0.03	037.43	0
037	Zinc (ppm)	0407	28.84	0.5404	28.70	3.260	0.6388	49	0.04	037.53	0
037	Zinc (ppm)	2382	29.19	0.6700	28.70	3.260	0.6388	49	0.15	037.41	0
037	Zinc (ppm)	0613	29.25	0.5800	28.70	3.260	0.6388	49	0.17	037.42	0
037	Zinc (ppm)	2471	29.48	0.2400	28.70	3.260	0.6388	49	0.24	037.41	0
037	Zinc (ppm)	2428	29.50	1.000	28.70	3.260	0.6388	49	0.25	037.53	0
037	Zinc (ppm)	2444	29.57	0.2400	28.70	3.260	0.6388	49	0.27	037.41	0
037	Zinc (ppm)	2435	29.75	1.100	28.70	3.260	0.6388	49	0.32	037.34	0
037	Zinc (ppm)	2380	29.97	1.050	28.70	3.260	0.6388	49	0.39	037.41	0
037	Zinc (ppm)	2436	30.05	0.1000	28.70	3.260	0.6388	49	0.41	037.43	0
037	Zinc (ppm)	0870	30.07	0.7700	28.70	3.260	0.6388	49	0.42	037.43	0
037	Zinc (ppm)	2437	30.15	0.1000	28.70	3.260	0.6388	49	0.45	037.43	0
037	Zinc (ppm)	0171	30.50	0.4000	28.70	3.260	0.6388	49	0.55	037.41	0
037	Zinc (ppm)	2441	30.53	1.050	28.70	3.260	0.6388	49	0.56	037.44	0
037	Zinc (ppm)	2385	30.60	0.3500	28.70	3.260	0.6388	49	0.58	037.44	0
037	Zinc (ppm)	2469	30.68	0.1900	28.70	3.260	0.6388	49	0.61	037.41	0
037	Zinc (ppm)	0407	30.70	0.0909	28.70	3.260	0.6388	49	0.61	037.43	0
037	Zinc (ppm)	0407	30.79	0.7585	28.70	3.260	0.6388	49	0.64	037.41	0
037	Zinc (ppm)	0010	30.85	0.3000	28.70	3.260	0.6388	49	0.66	037.43	0
037	Zinc (ppm)	2477	30.88	0.5700	28.70	3.260	0.6388	49	0.67	037.44	0
037	Zinc (ppm)	0510	31.00	0.0000	28.70	3.260	0.6388	49	0.71	037.43	0
037	Zinc (ppm)	0098	31.03	0.1600	28.70	3.260	0.6388	49	0.72	037.41	0
037	Zinc (ppm)	2473	31.20	0.4000	28.70	3.260	0.6388	49	0.77	037.43	0
037	Zinc (ppm)	2479	31.50	0.3810	28.70	3.260	0.6388	49	0.86	037.44	0
037	Zinc (ppm)	2480	31.52	0.1100	28.70	3.260	0.6388	49	0.86	037.44	0
037	Zinc (ppm)	2478	31.53	0.4728	28.70	3.260	0.6388	49	0.87	037.44	0
037	Zinc (ppm)	2438	31.88	2.350	28.70	3.260	0.6388	49	0.97	037.43	0
037	Zinc (ppm)	2089	31.95	1.370	28.70	3.260	0.6388	49	1.00	037.43	0
037	Zinc (ppm)	0529	31.95	0.7000	28.70	3.260	0.6388	49	1.00	037.31	0
037	Zinc (ppm)	0226	32.30	0.8400	28.70	3.260	0.6388	49	1.10	037.41	0
037	Zinc (ppm)	0098	33.75	0.2000	28.70	3.260	0.6388	49	1.55	037.43	0
037	Zinc (ppm)	2439	1,540	3,020	28.70	3.260	0.6388	49	>100	037.43	2
038	Molybdenum (ppm)	0171	0.9600	0.0800	1.284	0.0741	0.0616	7	-4.38	038.41	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	
038	Molybdenum (ppm)	0407	1.213	0.0449	1.284	0.0741	0.0616	7	-0.96	038.41	0
038	Molybdenum (ppm)	0510	1.300	0.0000	1.284	0.0741	0.0616	7	0.21	038.43	0
038	Molybdenum (ppm)	2428	1.300	0.0000	1.284	0.0741	0.0616	7	0.21	038.53	0
038	Molybdenum (ppm)	2476	1.331	0.1010	1.284	0.0741	0.0616	7	0.62	038.43	0
038	Molybdenum (ppm)	0407	1.331	0.0328	1.284	0.0741	0.0616	7	0.63	038.43	0
038	Molybdenum (ppm)	0407	1.342	0.0491	1.284	0.0741	0.0616	7	0.78	038.53	0
040	Barium (ppm)	0407	1.897	0.0752				1		040.53	0
041	Vanadium (ppm)	0407	0.0293	0.0017				1		041.53	0
042	Chloride (%)	0613	0.0924	0.0308				1		042.99	0
120	Alanine (%)	0407	0.4565	0.0030	0.6286	0.1875	0.0073	5		120.05	0
120	Alanine (%)	0870	0.5675	0.0030	0.6286	0.1875	0.0073	5		120.05	0
120	Alanine (%)	0504	0.5800	0.0200	0.6286	0.1875	0.0073	5		120.00	0
120	Alanine (%)	0226	0.5889	0.0004	0.6286	0.1875	0.0073	5		120.00	0
120	Alanine (%)	0889	0.9500	0.0100	0.6286	0.1875	0.0073	5		120.99	0
120	Alanine (%)	2428	0.6530	0.2000	0.6286	0.1875	0.0073	5		120.99	1
121	Arginine (%)	0407	0.6940	0.0120	0.7485	0.0439	0.0119	6	-1.24	121.05	0
121	Arginine (%)	2428	0.7165	0.0030	0.7485	0.0439	0.0119	6	-0.73	121.99	0
121	Arginine (%)	0870	0.7395	0.0210	0.7485	0.0439	0.0119	6	-0.20	121.05	0
121	Arginine (%)	0504	0.7700	0.0200	0.7485	0.0439	0.0119	6	0.49	121.00	0
121	Arginine (%)	0889	0.7750	0.0000	0.7485	0.0439	0.0119	6	0.60	121.99	0
121	Arginine (%)	0226	0.7960	0.0034	0.7485	0.0439	0.0119	6	1.08	121.00	0
122	Aspartic (%)	0407	0.7720	0.0080	0.9024	0.0933	0.0269	5		122.05	0
122	Aspartic (%)	0889	0.8350	0.0100	0.9024	0.0933	0.0269	5		122.99	0
122	Aspartic (%)	0870	0.9605	0.0490	0.9024	0.0933	0.0269	5		122.05	0
122	Aspartic (%)	0226	0.9646	0.0475	0.9024	0.0933	0.0269	5		122.00	0
122	Aspartic (%)	0504	0.9800	0.0200	0.9024	0.0933	0.0269	5		122.00	0
122	Aspartic (%)	2428	1.092	0.2160	0.9024	0.0933	0.0269	5		122.99	1
124	Cysteine/Cystine (%)	0407	0.2349	0.0015	0.3087	0.0585	0.0073	5		124.05	0
124	Cysteine/Cystine (%)	0870	0.2710	0.0140	0.3087	0.0585	0.0073	5		124.05	0
124	Cysteine/Cystine (%)	0889	0.3050	0.0000	0.3087	0.0585	0.0073	5		124.99	0
124	Cysteine/Cystine (%)	0226	0.3579	0.0037	0.3087	0.0585	0.0073	5		124.00	0
124	Cysteine/Cystine (%)	0504	0.3750	0.0100	0.3087	0.0585	0.0073	5		124.00	0
124	Cysteine/Cystine (%)	2428	0.5915	0.2570	0.3087	0.0585	0.0073	5		124.99	1
125	Glutamic (%)	0889	1.180	0.0000	2.324	0.7668	0.0706	6	-1.49	125.99	0
125	Glutamic (%)	0407	1.814	0.0140	2.324	0.7668	0.0706	6	-0.67	125.05	0
125	Glutamic (%)	0504	2.600	0.0600	2.324	0.7668	0.0706	6	0.36	125.00	0
125	Glutamic (%)	0226	2.725	0.0251	2.324	0.7668	0.0706	6	0.52	125.00	0
125	Glutamic (%)	0870	2.775	0.1540	2.324	0.7668	0.0706	6	0.59	125.05	0
125	Glutamic (%)	2428	2.850	0.1000	2.324	0.7668	0.0706	6	0.69	125.99	0
126	Glycine (%)	0889	0.4150	0.0000	0.5413	0.0879	0.0142	5		126.99	0
126	Glycine (%)	0407	0.4845	0.0030	0.5413	0.0879	0.0142	5		126.05	0
126	Glycine (%)	0870	0.5830	0.0300	0.5413	0.0879	0.0142	5		126.05	0

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			
126	Glycine (%)	0504	0.6100	0.0200	0.5413	0.0879	0.0142	5		126.00	0
126	Glycine (%)	0226	0.6139	0.0039	0.5413	0.0879	0.0142	5		126.00	0
126	Glycine (%)	2428	0.7970	0.1520	0.5413	0.0879	0.0142	5		126.99	1
127	Histidine (%)	0407	0.2435	0.0010	0.2677	0.0254	0.0102	6	-0.95	127.05	0
127	Histidine (%)	0226	0.2473	0.0029	0.2677	0.0254	0.0102	6	-0.80	127.00	0
127	Histidine (%)	2428	0.2660	0.0240	0.2677	0.0254	0.0102	6	-0.07	127.99	0
127	Histidine (%)	0870	0.2685	0.0130	0.2677	0.0254	0.0102	6	0.03	127.05	0
127	Histidine (%)	0504	0.2750	0.0100	0.2677	0.0254	0.0102	6	0.29	127.00	0
127	Histidine (%)	0889	0.4150	0.0000	0.2677	0.0254	0.0102	6	5.79	127.99	0
128	Isoleucine (%)	0407	0.3610	0.0020	0.4725	0.0945	0.0158	6	-1.18	128.05	0
128	Isoleucine (%)	0226	0.4328	0.0230	0.4725	0.0945	0.0158	6	-0.42	128.00	0
128	Isoleucine (%)	0870	0.4620	0.0200	0.4725	0.0945	0.0158	6	-0.11	128.05	0
128	Isoleucine (%)	2428	0.4700	0.0240	0.4725	0.0945	0.0158	6	-0.03	128.99	0
128	Isoleucine (%)	0504	0.4950	0.0100	0.4725	0.0945	0.0158	6	0.24	128.00	0
128	Isoleucine (%)	0889	0.6700	0.0000	0.4725	0.0945	0.0158	6	2.09	128.99	0
129	Leucine (%)	0407	0.6655	0.0050	0.8628	0.1121	0.0199	5		129.05	0
129	Leucine (%)	0889	0.8775	0.0050	0.8628	0.1121	0.0199	5		129.99	0
129	Leucine (%)	0504	0.9200	0.0200	0.8628	0.1121	0.0199	5		129.00	0
129	Leucine (%)	0870	0.9245	0.0490	0.8628	0.1121	0.0199	5		129.05	0
129	Leucine (%)	0226	0.9265	0.0203	0.8628	0.1121	0.0199	5		129.00	0
129	Leucine (%)	2428	1.100	0.2000	0.8628	0.1121	0.0199	5		129.99	1
130	L-Lysine (%)	0407	0.4225	0.0030	0.5017	0.0744	0.0162	6	-1.06	130.05	0
130	L-Lysine (%)	0226	0.4677	0.0054	0.5017	0.0744	0.0162	6	-0.46	130.00	0
130	L-Lysine (%)	0870	0.4820	0.0260	0.5017	0.0744	0.0162	6	-0.26	130.05	0
130	L-Lysine (%)	2428	0.4895	0.0330	0.5017	0.0744	0.0162	6	-0.16	130.99	0
130	L-Lysine (%)	0504	0.5350	0.0100	0.5017	0.0744	0.0162	6	0.45	130.00	0
130	L-Lysine (%)	0889	0.6900	0.0200	0.5017	0.0744	0.0162	6	2.53	130.99	0
131	Methionine (%)	0889	0.0200	0.0100	0.1932	0.0379	0.0080	6	-4.57	131.99	0
131	Methionine (%)	2428	0.1815	0.0190	0.1932	0.0379	0.0080	6	-0.31	131.99	0
131	Methionine (%)	0407	0.1832	0.0008	0.1932	0.0379	0.0080	6	-0.26	131.05	0
131	Methionine (%)	0226	0.2140	0.0041	0.1932	0.0379	0.0080	6	0.55	131.00	0
131	Methionine (%)	0870	0.2190	0.0040	0.1932	0.0379	0.0080	6	0.68	131.05	0
131	Methionine (%)	0504	0.2250	0.0100	0.1932	0.0379	0.0080	6	0.84	131.00	0
132	Phenylalanine (%)	0889	0.4450	0.0000	0.5818	0.1095	0.0151	6	-1.25	132.99	0
132	Phenylalanine (%)	0407	0.4825	0.0030	0.5818	0.1095	0.0151	6	-0.91	132.05	0
132	Phenylalanine (%)	0226	0.5997	0.0194	0.5818	0.1095	0.0151	6	0.16	132.00	0
132	Phenylalanine (%)	0870	0.6335	0.0230	0.5818	0.1095	0.0151	6	0.47	132.05	0
132	Phenylalanine (%)	0504	0.6400	0.0200	0.5818	0.1095	0.0151	6	0.53	132.00	0
132	Phenylalanine (%)	2428	0.6900	0.0100	0.5818	0.1095	0.0151	6	0.99	132.99	0
133	Proline (%)	0407	0.5070	0.0040	0.6565	0.1223	0.0254	6	-1.22	133.05	0
133	Proline (%)	2428	0.6240	0.0440	0.6565	0.1223	0.0254	6	-0.27	133.99	0
133	Proline (%)	0504	0.6300	0.0200	0.6565	0.1223	0.0254	6	-0.22	133.00	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	
133	Proline (%)	0870	0.6625	0.0410	0.6565	0.1223	0.0254	6	0.05	133.05	0
133	Proline (%)	0226	0.6755	0.0179	0.6565	0.1223	0.0254	6	0.16	133.00	0
133	Proline (%)	0889	0.8900	0.0000	0.6565	0.1223	0.0254	6	1.91	133.99	0
134	Serine (%)	0407	0.4665	0.0050	0.5730	0.0746	0.0138	5		134.05	0
134	Serine (%)	0504	0.5250	0.0100	0.5730	0.0746	0.0138	5		134.00	0
134	Serine (%)	0226	0.6047	0.0042	0.5730	0.0746	0.0138	5		134.00	0
134	Serine (%)	0870	0.6290	0.0360	0.5730	0.0746	0.0138	5		134.05	0
134	Serine (%)	0889	0.6400	0.0000	0.5730	0.0746	0.0138	5		134.99	0
134	Serine (%)	2428	1.400	0.4000	0.5730	0.0746	0.0138	5		134.99	1
135	Threonine (%)	0407	0.3670	0.0020	0.4370	0.0672	0.0063	6	-1.04	135.05	0
135	Threonine (%)	0226	0.4003	0.0042	0.4370	0.0672	0.0063	6	-0.55	135.00	0
135	Threonine (%)	0504	0.4100	0.0200	0.4370	0.0672	0.0063	6	-0.40	135.00	0
135	Threonine (%)	0870	0.4260	0.0060	0.4370	0.0672	0.0063	6	-0.16	135.05	0
135	Threonine (%)	0889	0.5075	0.0050	0.4370	0.0672	0.0063	6	1.05	135.99	0
135	Threonine (%)	2428	0.5110	0.0080	0.4370	0.0672	0.0063	6	1.10	135.99	0
136	Tryptophan (%)	0504	0.1150	0.0100	0.1679	0.0557	0.0081	6	-0.95	136.99	0
136	Tryptophan (%)	0407	0.1325	0.0010	0.1679	0.0557	0.0081	6	-0.64	136.05	0
136	Tryptophan (%)	0870	0.1445	0.0050	0.1679	0.0557	0.0081	6	-0.42	136.05	0
136	Tryptophan (%)	0226	0.1754	0.0054	0.1679	0.0557	0.0081	6	0.14	136.03	0
136	Tryptophan (%)	2428	0.1885	0.0190	0.1679	0.0557	0.0081	6	0.37	136.99	0
136	Tryptophan (%)	0889	0.4750	0.0000	0.1679	0.0557	0.0081	6	5.52	136.99	0
137	Tyrosine (%)	2428	0.2390	0.0600	0.3443	0.0883	0.0226	6	-1.19	137.99	0
137	Tyrosine (%)	0407	0.3120	0.0020	0.3443	0.0883	0.0226	6	-0.37	137.05	0
137	Tyrosine (%)	0504	0.3250	0.0300	0.3443	0.0883	0.0226	6	-0.22	137.00	0
137	Tyrosine (%)	0870	0.3440	0.0100	0.3443	0.0883	0.0226	6	0.00	137.05	0
137	Tyrosine (%)	0226	0.3707	0.0112	0.3443	0.0883	0.0226	6	0.30	137.00	0
137	Tyrosine (%)	0889	0.4750	0.0000	0.3443	0.0883	0.0226	6	1.48	137.99	0
138	Valine (%)	0407	0.4735	0.0030	0.5797	0.0842	0.0134	6	-1.26	138.05	0
138	Valine (%)	2428	0.5055	0.0150	0.5797	0.0842	0.0134	6	-0.88	138.99	0
138	Valine (%)	0226	0.6014	0.0276	0.5797	0.0842	0.0134	6	0.26	138.00	0
138	Valine (%)	0889	0.6025	0.0050	0.5797	0.0842	0.0134	6	0.27	138.99	0
138	Valine (%)	0870	0.6300	0.0200	0.5797	0.0842	0.0134	6	0.60	138.05	0
138	Valine (%)	0504	0.6650	0.0100	0.5797	0.0842	0.0134	6	1.01	138.00	0
139	Taurine (%)	0407	0.0610	0.0000				2		139.05	0
139	Taurine (%)	0504	0.2100	0.0200				2		139.00	0
400	Water Activity (Units)	0407	0.3924	0.0000				1		400.01	0
516	Arsenic, Total (As) (ppm)	0407	0.0069	0.0005				1		516.53	0
516	Arsenic, Total (As) (ppm)	2124	< 0.89					1		516.43	5
518	Cadmium (ppm)	0407	0.0173	0.0010				3		518.41	0
518	Cadmium (ppm)	0407	0.0177	0.0006				3		518.53	0
518	Cadmium (ppm)	0407	0.0259	0.0095				3		518.43	0
518	Cadmium (ppm)	2124	< 0.16					3		518.43	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			
518	Cadmium (ppm)	2428	< 0.25					3		518.53	5
520	Chromium, Total (Cr) (ppm)	0407	1.660	0.0816	3.182	1.310	0.0627	6	-1.16	520.41	0
520	Chromium, Total (Cr) (ppm)	0226	1.935	0.0900	3.182	1.310	0.0627	6	-0.95	520.43	0
520	Chromium, Total (Cr) (ppm)	0407	3.091	0.0181	3.182	1.310	0.0627	6	-0.07	520.43	0
520	Chromium, Total (Cr) (ppm)	0407	3.939	0.1138	3.182	1.310	0.0627	6	0.58	520.53	0
520	Chromium, Total (Cr) (ppm)	0510	4.165	0.0100	3.182	1.310	0.0627	6	0.75	520.43	0
520	Chromium, Total (Cr) (ppm)	2428	4.300	0.0000	3.182	1.310	0.0627	6	0.85	520.53	0
526	Lead (ppm)	0407	0.0064	0.0011				3		526.53	0
526	Lead (ppm)	0407	0.0660	0.0490				3		526.41	0
526	Lead (ppm)	0407	0.1528	0.0601				3		526.43	0
526	Lead (ppm)	2428	< 0.5					3		526.53	5
529	Mercury (ppb)	0407	1.569	0.0573				1		529.99	0
529	Mercury (ppb)	2428	< 0.1					1		529.99	5
539	Nickel (ppm)	0407	4.854	0.0759	5.296	0.4569	0.1087	4		539.41	0
539	Nickel (ppm)	0407	4.973	0.0433	5.296	0.4569	0.1087	4		539.43	0
539	Nickel (ppm)	2428	5.550	0.1000	5.296	0.4569	0.1087	4		539.53	0
539	Nickel (ppm)	0407	5.808	0.2155	5.296	0.4569	0.1087	4		539.53	0

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

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

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