



AAFCO
Association of American Feed Control Officials



Pet Food Ingredient Scheme

Fish Meal

Test Material Code # 202344

Analyte Proficiency Testing Report

Labs Reporting: 85

Analytes Reported 97

Issue Date : 12/31/2023

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 (%)	2124	6.135	0.1500	7.125	0.2692	0.0882	55	-3.68	001.03	0
001	Loss on Drying (%)	2155	6.140	0.0000	7.125	0.2692	0.0882	55	-3.66	001.99	0
001	Loss on Drying (%)	0889	6.320	0.1400	7.125	0.2692	0.0882	55	-2.99	001.99	0
001	Loss on Drying (%)	0876	6.335	0.1500	7.125	0.2692	0.0882	55	-2.93	001.07	0
001	Loss on Drying (%)	0034	6.505	0.0700	7.125	0.2692	0.0882	55	-2.30	001.07	0
001	Loss on Drying (%)	0613	6.555	0.0700	7.125	0.2692	0.0882	55	-2.12	001.07	0
001	Loss on Drying (%)	2124	6.595	0.0500	7.125	0.2692	0.0882	55	-1.97	001.07	0
001	Loss on Drying (%)	0074	6.750	0.5000	7.125	0.2692	0.0882	55	-1.39	001.07	0
001	Loss on Drying (%)	0139	6.775	0.1300	7.125	0.2692	0.0882	55	-1.30	001.07	0
001	Loss on Drying (%)	0918	6.795	0.1300	7.125	0.2692	0.0882	55	-1.22	001.99	0
001	Loss on Drying (%)	0510	6.850	0.1000	7.125	0.2692	0.0882	55	-1.02	001.99	0
001	Loss on Drying (%)	2219	6.865	0.4900	7.125	0.2692	0.0882	55	-0.97	001.07	0
001	Loss on Drying (%)	0845	6.870	0.0800	7.125	0.2692	0.0882	55	-0.95	001.07	0
001	Loss on Drying (%)	2220	6.900	0.5400	7.125	0.2692	0.0882	55	-0.84	001.07	0
001	Loss on Drying (%)	0309	7.018	0.1060	7.125	0.2692	0.0882	55	-0.40	001.00	0
001	Loss on Drying (%)	1024	7.025	0.0300	7.125	0.2692	0.0882	55	-0.37	001.07	0
001	Loss on Drying (%)	2396	7.075	0.1700	7.125	0.2692	0.0882	55	-0.19	001.07	0
001	Loss on Drying (%)	2422	7.095	0.0900	7.125	0.2692	0.0882	55	-0.11	001.07	0
001	Loss on Drying (%)	1020	7.095	0.0500	7.125	0.2692	0.0882	55	-0.11	001.07	0
001	Loss on Drying (%)	0171	7.105	0.0100	7.125	0.2692	0.0882	55	-0.07	001.07	0
001	Loss on Drying (%)	2399	7.105	0.0100	7.125	0.2692	0.0882	55	-0.07	001.07	0
001	Loss on Drying (%)	0027	7.107	0.0050	7.125	0.2692	0.0882	55	-0.07	001.00	0
001	Loss on Drying (%)	0226	7.120	0.0800	7.125	0.2692	0.0882	55	-0.02	001.07	0
001	Loss on Drying (%)	1022	7.155	0.0300	7.125	0.2692	0.0882	55	0.11	001.07	0
001	Loss on Drying (%)	2420	7.165	0.0100	7.125	0.2692	0.0882	55	0.15	001.07	0
001	Loss on Drying (%)	0003	7.175	0.0100	7.125	0.2692	0.0882	55	0.19	001.07	0
001	Loss on Drying (%)	0098	7.175	0.5500	7.125	0.2692	0.0882	55	0.19	001.07	0
001	Loss on Drying (%)	2331	7.175	0.1300	7.125	0.2692	0.0882	55	0.19	001.07	0
001	Loss on Drying (%)	0142	7.180	0.0800	7.125	0.2692	0.0882	55	0.20	001.07	0
001	Loss on Drying (%)	2424	7.190	0.2600	7.125	0.2692	0.0882	55	0.24	001.07	0
001	Loss on Drying (%)	2362	7.200	0.1400	7.125	0.2692	0.0882	55	0.28	001.07	0
001	Loss on Drying (%)	0619	7.200	0.0000	7.125	0.2692	0.0882	55	0.28	001.03	0
001	Loss on Drying (%)	0504	7.205	0.1100	7.125	0.2692	0.0882	55	0.30	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 (%)	2330	7.240	0.0400	7.125	0.2692	0.0882	55	0.43	001.07	0
001	Loss on Drying (%)	0407	7.248	0.0332	7.125	0.2692	0.0882	55	0.46	001.07	0
001	Loss on Drying (%)	2156	7.250	0.0400	7.125	0.2692	0.0882	55	0.46	001.07	0
001	Loss on Drying (%)	1021	7.255	0.0100	7.125	0.2692	0.0882	55	0.48	001.07	0
001	Loss on Drying (%)	1023	7.260	0.0400	7.125	0.2692	0.0882	55	0.50	001.07	0
001	Loss on Drying (%)	2361	7.265	0.0700	7.125	0.2692	0.0882	55	0.52	001.07	0
001	Loss on Drying (%)	2417	7.265	0.0300	7.125	0.2692	0.0882	55	0.52	001.07	0
001	Loss on Drying (%)	2421	7.270	0.0800	7.125	0.2692	0.0882	55	0.54	001.07	0
001	Loss on Drying (%)	2252	7.275	0.0700	7.125	0.2692	0.0882	55	0.56	001.07	0
001	Loss on Drying (%)	2419	7.275	0.0500	7.125	0.2692	0.0882	55	0.56	001.07	0
001	Loss on Drying (%)	2408	7.290	0.0800	7.125	0.2692	0.0882	55	0.61	001.07	0
001	Loss on Drying (%)	2444	7.290	0.0800	7.125	0.2692	0.0882	55	0.61	001.07	0
001	Loss on Drying (%)	2382	7.320	0.0400	7.125	0.2692	0.0882	55	0.72	001.07	0
001	Loss on Drying (%)	2385	7.345	0.0700	7.125	0.2692	0.0882	55	0.82	001.07	0
001	Loss on Drying (%)	2452	7.370	0.1000	7.125	0.2692	0.0882	55	0.91	001.07	0
001	Loss on Drying (%)	0581	7.375	0.0500	7.125	0.2692	0.0882	55	0.93	001.07	0
001	Loss on Drying (%)	0914	7.375	0.2500	7.125	0.2692	0.0882	55	0.93	001.99	0
001	Loss on Drying (%)	2380	7.420	0.0800	7.125	0.2692	0.0882	55	1.10	001.07	0
001	Loss on Drying (%)	2415	7.475	0.0500	7.125	0.2692	0.0882	55	1.30	001.07	0
001	Loss on Drying (%)	0028	7.575	0.0300	7.125	0.2692	0.0882	55	1.67	001.07	0
001	Loss on Drying (%)	2395	7.595	0.7500	7.125	0.2692	0.0882	55	1.75	001.07	0
001	Loss on Drying (%)	2293	65.04	3.490	7.125	0.2692	0.0882	55	>100	001.07	0
001	Loss on Drying (%)	0656	355.5	697.0	7.125	0.2692	0.0882	55	>100	001.99	2
002	Protein, Crude (%)	1019	59.40	1.250	63.41	0.4796	0.3016	81	-8.38	002.06	0
002	Protein, Crude (%)	0889	59.88	0.0100	63.41	0.4796	0.3016	81	-7.38	002.11	0
002	Protein, Crude (%)	0407	60.39	0.0400	63.41	0.4796	0.3016	81	-6.30	002.05	0
002	Protein, Crude (%)	0889	60.71	0.2400	63.41	0.4796	0.3016	81	-5.64	002.01	0
002	Protein, Crude (%)	0870	62.13	0.3880	63.41	0.4796	0.3016	81	-2.68	002.01	0
002	Protein, Crude (%)	2461	62.30	0.4000	63.41	0.4796	0.3016	81	-2.32	002.06	0
002	Protein, Crude (%)	2463	62.30	0.2000	63.41	0.4796	0.3016	81	-2.32	002.06	0
002	Protein, Crude (%)	0845	62.46	0.2900	63.41	0.4796	0.3016	81	-2.00	002.00	0
002	Protein, Crude (%)	2399	62.47	0.0450	63.41	0.4796	0.3016	81	-1.98	002.06	0
002	Protein, Crude (%)	2373	62.48	0.2600	63.41	0.4796	0.3016	81	-1.95	002.01	0
002	Protein, Crude (%)	0139	62.54	0.3860	63.41	0.4796	0.3016	81	-1.83	002.06	0
002	Protein, Crude (%)	0619	62.55	0.1000	63.41	0.4796	0.3016	81	-1.80	002.06	0
002	Protein, Crude (%)	2462	62.65	0.7000	63.41	0.4796	0.3016	81	-1.59	002.06	0
002	Protein, Crude (%)	1023	62.68	0.3210	63.41	0.4796	0.3016	81	-1.52	002.06	0
002	Protein, Crude (%)	0407	62.71	0.3240	63.41	0.4796	0.3016	81	-1.46	002.06	0
002	Protein, Crude (%)	0164	63.04	0.1900	63.41	0.4796	0.3016	81	-0.79	002.01	0
002	Protein, Crude (%)	0504	63.12	0.4300	63.41	0.4796	0.3016	81	-0.62	002.04	0
002	Protein, Crude (%)	0226	63.13	0.5700	63.41	0.4796	0.3016	81	-0.60	002.06	0
002	Protein, Crude (%)	0027	63.15	0.3950	63.41	0.4796	0.3016	81	-0.54	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 (%)	2421	63.17	0.4400	63.41	0.4796	0.3016	81	-0.51	002.06	0
002	Protein, Crude (%)	0619	63.20	0.6000	63.41	0.4796	0.3016	81	-0.44	002.01	0
002	Protein, Crude (%)	2050	63.20	1.400	63.41	0.4796	0.3016	81	-0.44	002.06	0
002	Protein, Crude (%)	0171	63.21	0.0600	63.41	0.4796	0.3016	81	-0.42	002.06	0
002	Protein, Crude (%)	1021	63.21	0.1100	63.41	0.4796	0.3016	81	-0.42	002.06	0
002	Protein, Crude (%)	0010	63.25	0.1000	63.41	0.4796	0.3016	81	-0.34	002.06	0
002	Protein, Crude (%)	1022	63.27	0.2770	63.41	0.4796	0.3016	81	-0.30	002.06	0
002	Protein, Crude (%)	1024	63.29	0.1200	63.41	0.4796	0.3016	81	-0.26	002.06	0
002	Protein, Crude (%)	2380	63.33	0.0600	63.41	0.4796	0.3016	81	-0.17	002.06	0
002	Protein, Crude (%)	2362	63.38	0.7100	63.41	0.4796	0.3016	81	-0.08	002.06	0
002	Protein, Crude (%)	0098	63.39	0.2200	63.41	0.4796	0.3016	81	-0.05	002.08	0
002	Protein, Crude (%)	2382	63.41	0.1000	63.41	0.4796	0.3016	81	-0.01	002.06	0
002	Protein, Crude (%)	2361	63.44	0.7900	63.41	0.4796	0.3016	81	0.05	002.06	0
002	Protein, Crude (%)	2385	63.44	0.1100	63.41	0.4796	0.3016	81	0.05	002.06	0
002	Protein, Crude (%)	2422	63.44	0.6400	63.41	0.4796	0.3016	81	0.06	002.06	0
002	Protein, Crude (%)	0074	63.45	0.3000	63.41	0.4796	0.3016	81	0.08	002.06	0
002	Protein, Crude (%)	2156	63.45	0.4200	63.41	0.4796	0.3016	81	0.08	002.06	0
002	Protein, Crude (%)	2460	63.45	0.1000	63.41	0.4796	0.3016	81	0.08	002.06	0
002	Protein, Crude (%)	0656	63.46	0.0000	63.41	0.4796	0.3016	81	0.10	002.01	0
002	Protein, Crude (%)	0656	63.47	0.0000	63.41	0.4796	0.3016	81	0.12	002.06	0
002	Protein, Crude (%)	0242	63.48	0.0800	63.41	0.4796	0.3016	81	0.14	002.06	0
002	Protein, Crude (%)	2452	63.49	0.0880	63.41	0.4796	0.3016	81	0.15	002.06	0
002	Protein, Crude (%)	0914	63.50	1.000	63.41	0.4796	0.3016	81	0.18	002.06	0
002	Protein, Crude (%)	0047	63.51	0.0900	63.41	0.4796	0.3016	81	0.19	002.06	0
002	Protein, Crude (%)	0001	63.52	0.6800	63.41	0.4796	0.3016	81	0.22	002.06	0
002	Protein, Crude (%)	2444	63.53	0.0200	63.41	0.4796	0.3016	81	0.24	002.06	0
002	Protein, Crude (%)	0870	63.53	0.3145	63.41	0.4796	0.3016	81	0.25	002.06	0
002	Protein, Crude (%)	0098	63.55	0.7000	63.41	0.4796	0.3016	81	0.29	002.06	0
002	Protein, Crude (%)	2220	63.55	1.000	63.41	0.4796	0.3016	81	0.29	002.06	0
002	Protein, Crude (%)	0511	63.57	0.2200	63.41	0.4796	0.3016	81	0.33	002.06	0
002	Protein, Crude (%)	2415	63.59	0.0700	63.41	0.4796	0.3016	81	0.36	002.06	0
002	Protein, Crude (%)	0309	63.59	0.2215	63.41	0.4796	0.3016	81	0.36	002.06	0
002	Protein, Crude (%)	2219	63.59	0.0510	63.41	0.4796	0.3016	81	0.38	002.06	0
002	Protein, Crude (%)	0510	63.60	0.2000	63.41	0.4796	0.3016	81	0.39	002.06	0
002	Protein, Crude (%)	0876	63.60	0.0000	63.41	0.4796	0.3016	81	0.39	002.06	0
002	Protein, Crude (%)	2420	63.62	0.3780	63.41	0.4796	0.3016	81	0.44	002.06	0
002	Protein, Crude (%)	0164	63.63	0.6300	63.41	0.4796	0.3016	81	0.44	002.06	0
002	Protein, Crude (%)	2408	63.65	0.1800	63.41	0.4796	0.3016	81	0.49	002.06	0
002	Protein, Crude (%)	2419	63.65	0.2400	63.41	0.4796	0.3016	81	0.49	002.06	0
002	Protein, Crude (%)	0504	63.67	0.0900	63.41	0.4796	0.3016	81	0.53	002.06	0
002	Protein, Crude (%)	2302	63.67	0.0800	63.41	0.4796	0.3016	81	0.54	002.06	0
002	Protein, Crude (%)	0417	63.68	0.1100	63.41	0.4796	0.3016	81	0.55	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 (%)	2417	63.68	0.0070	63.41	0.4796	0.3016	81	0.56	002.06	0
002	Protein, Crude (%)	0529	63.69	0.0900	63.41	0.4796	0.3016	81	0.57	002.06	0
002	Protein, Crude (%)	2395	63.72	0.6300	63.41	0.4796	0.3016	81	0.63	002.06	0
002	Protein, Crude (%)	2293	63.73	0.2790	63.41	0.4796	0.3016	81	0.66	002.06	0
002	Protein, Crude (%)	2155	63.78	0.4180	63.41	0.4796	0.3016	81	0.76	002.06	0
002	Protein, Crude (%)	0034	63.78	0.6200	63.41	0.4796	0.3016	81	0.77	002.06	0
002	Protein, Crude (%)	2312	63.80	0.3700	63.41	0.4796	0.3016	81	0.80	002.06	0
002	Protein, Crude (%)	2396	63.80	0.3400	63.41	0.4796	0.3016	81	0.81	002.06	0
002	Protein, Crude (%)	0142	63.84	0.0000	63.41	0.4796	0.3016	81	0.89	002.06	0
002	Protein, Crude (%)	2331	63.86	0.5940	63.41	0.4796	0.3016	81	0.94	002.06	0
002	Protein, Crude (%)	0508	63.86	0.2710	63.41	0.4796	0.3016	81	0.94	002.06	0
002	Protein, Crude (%)	2330	63.89	0.6900	63.41	0.4796	0.3016	81	0.98	002.06	0
002	Protein, Crude (%)	2409	63.91	0.1500	63.41	0.4796	0.3016	81	1.03	002.06	0
002	Protein, Crude (%)	2252	63.99	0.1300	63.41	0.4796	0.3016	81	1.19	002.06	0
002	Protein, Crude (%)	0918	64.00	0.3800	63.41	0.4796	0.3016	81	1.22	002.06	0
002	Protein, Crude (%)	2089	64.11	0.0200	63.41	0.4796	0.3016	81	1.45	002.06	0
002	Protein, Crude (%)	2424	64.21	0.1190	63.41	0.4796	0.3016	81	1.66	002.06	0
002	Protein, Crude (%)	2124	64.27	0.0700	63.41	0.4796	0.3016	81	1.78	002.06	0
002	Protein, Crude (%)	0613	64.44	0.0900	63.41	0.4796	0.3016	81	2.13	002.11	0
002	Protein, Crude (%)	0880	64.45	0.5000	63.41	0.4796	0.3016	81	2.16	002.06	0
002	Protein, Crude (%)	0613	63.23	1.480	63.41	0.4796	0.3016	81	-0.38	002.06	1
003	Fat, Crude (%)	1023	7.580	0.4000	9.481	0.3317	0.1230	33	-5.73	003.09	0
003	Fat, Crude (%)	0889	7.870	0.0400	9.481	0.3317	0.1230	33	-4.86	003.11	0
003	Fat, Crude (%)	0613	8.990	0.1600	9.481	0.3317	0.1230	33	-1.48	003.11	0
003	Fat, Crude (%)	0529	9.060	0.2400	9.481	0.3317	0.1230	33	-1.27	003.14	0
003	Fat, Crude (%)	2302	9.085	0.0100	9.481	0.3317	0.1230	33	-1.20	003.14	0
003	Fat, Crude (%)	0613	9.090	1.060	9.481	0.3317	0.1230	33	-1.18	003.14	0
003	Fat, Crude (%)	1019	9.205	0.0500	9.481	0.3317	0.1230	33	-0.83	003.99	0
003	Fat, Crude (%)	0309	9.291	0.0712	9.481	0.3317	0.1230	33	-0.58	003.00	0
003	Fat, Crude (%)	0098	9.355	0.0300	9.481	0.3317	0.1230	33	-0.38	003.10	0
003	Fat, Crude (%)	2409	9.360	0.0600	9.481	0.3317	0.1230	33	-0.37	003.14	0
003	Fat, Crude (%)	0098	9.380	0.0600	9.481	0.3317	0.1230	33	-0.31	003.13	0
003	Fat, Crude (%)	0242	9.410	0.2600	9.481	0.3317	0.1230	33	-0.22	003.10	0
003	Fat, Crude (%)	0581	9.425	0.0500	9.481	0.3317	0.1230	33	-0.17	003.14	0
003	Fat, Crude (%)	1024	9.445	0.7100	9.481	0.3317	0.1230	33	-0.11	003.00	0
003	Fat, Crude (%)	0918	9.450	0.0200	9.481	0.3317	0.1230	33	-0.09	003.06	0
003	Fat, Crude (%)	0142	9.485	0.0300	9.481	0.3317	0.1230	33	0.01	003.00	0
003	Fat, Crude (%)	0554	9.500	0.0400	9.481	0.3317	0.1230	33	0.06	003.14	0
003	Fat, Crude (%)	2155	9.519	0.0350	9.481	0.3317	0.1230	33	0.11	003.10	0
003	Fat, Crude (%)	0171	9.530	0.0600	9.481	0.3317	0.1230	33	0.15	003.14	0
003	Fat, Crude (%)	0889	9.535	0.3500	9.481	0.3317	0.1230	33	0.16	003.10	0
003	Fat, Crude (%)	0870	9.548	0.1084	9.481	0.3317	0.1230	33	0.20	003.10	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 (%)	0001	9.552	0.0140	9.481	0.3317	0.1230	33	0.21	003.14	0
003	Fat, Crude (%)	0876	9.565	0.1300	9.481	0.3317	0.1230	33	0.25	003.14	0
003	Fat, Crude (%)	0164	9.635	0.1100	9.481	0.3317	0.1230	33	0.46	003.06	0
003	Fat, Crude (%)	0171	9.635	0.1100	9.481	0.3317	0.1230	33	0.46	003.12	0
003	Fat, Crude (%)	0407	9.649	0.0295	9.481	0.3317	0.1230	33	0.50	003.14	0
003	Fat, Crude (%)	0504	9.680	0.0600	9.481	0.3317	0.1230	33	0.60	003.01	0
003	Fat, Crude (%)	0619	9.785	0.0500	9.481	0.3317	0.1230	33	0.92	003.14	0
003	Fat, Crude (%)	0098	9.840	0.2400	9.481	0.3317	0.1230	33	1.08	003.09	0
003	Fat, Crude (%)	0226	10.16	0.0300	9.481	0.3317	0.1230	33	2.03	003.14	0
003	Fat, Crude (%)	2444	10.39	0.3300	9.481	0.3317	0.1230	33	2.72	003.00	0
003	Fat, Crude (%)	2331	10.45	0.6800	9.481	0.3317	0.1230	33	2.92	003.00	0
003	Fat, Crude (%)	2089	10.60	0.1100	9.481	0.3317	0.1230	33	3.36	003.06	0
003	Fat, Crude (%)	1020	10.25	1.650	9.481	0.3317	0.1230	33	2.30	003.00	1
003	Fat, Crude (%)	0880	3.750	0.1000	9.481	0.3317	0.1230	33	-17.28	003.99	2
004	Fiber, Crude (%)	0619	0.0945	0.0050	0.5926	0.4869	0.1884	19	-1.02	004.07	0
004	Fiber, Crude (%)	0510	0.1000	0.0000	0.5926	0.4869	0.1884	19	-1.01	004.07	0
004	Fiber, Crude (%)	0242	0.1050	0.0100	0.5926	0.4869	0.1884	19	-1.00	004.07	0
004	Fiber, Crude (%)	0309	0.1795	0.0096	0.5926	0.4869	0.1884	19	-0.85	004.00	0
004	Fiber, Crude (%)	0504	0.2450	0.0100	0.5926	0.4869	0.1884	19	-0.71	004.07	0
004	Fiber, Crude (%)	2312	0.3000	0.2000	0.5926	0.4869	0.1884	19	-0.60	004.00	0
004	Fiber, Crude (%)	0656	0.3100	0.0000	0.5926	0.4869	0.1884	19	-0.58	004.07	0
004	Fiber, Crude (%)	0407	0.3291	0.4482	0.5926	0.4869	0.1884	19	-0.54	004.07	0
004	Fiber, Crude (%)	0171	0.4500	0.0200	0.5926	0.4869	0.1884	19	-0.29	004.00	0
004	Fiber, Crude (%)	0870	0.4926	0.0379	0.5926	0.4869	0.1884	19	-0.21	004.07	0
004	Fiber, Crude (%)	0074	0.6000	0.5800	0.5926	0.4869	0.1884	19	0.02	004.07	0
004	Fiber, Crude (%)	0554	0.6450	0.5100	0.5926	0.4869	0.1884	19	0.11	004.07	0
004	Fiber, Crude (%)	0511	0.6500	0.3000	0.5926	0.4869	0.1884	19	0.12	004.07	0
004	Fiber, Crude (%)	0226	0.7400	0.0800	0.5926	0.4869	0.1884	19	0.30	004.07	0
004	Fiber, Crude (%)	0529	0.9000	0.0800	0.5926	0.4869	0.1884	19	0.63	004.07	0
004	Fiber, Crude (%)	0914	1.150	0.3000	0.5926	0.4869	0.1884	19	1.14	004.07	0
004	Fiber, Crude (%)	0581	1.500	0.4000	0.5926	0.4869	0.1884	19	1.86	004.07	0
004	Fiber, Crude (%)	0034	1.675	0.0300	0.5926	0.4869	0.1884	19	2.22	004.07	0
004	Fiber, Crude (%)	0889	2.270	0.2500	0.5926	0.4869	0.1884	19	3.44	004.11	0
004	Fiber, Crude (%)	0613	2.775	4.170	0.5926	0.4869	0.1884	19	4.48	004.07	1
004	Fiber, Crude (%)	0918	0.0000	0.0000	0.5926	0.4869	0.1884	19		004.06	4
004	Fiber, Crude (%)	0164	< 0.2		0.5926	0.4869	0.1884	19		004.00	5
004	Fiber, Crude (%)	0876	< 0.5		0.5926	0.4869	0.1884	19		004.07	5
005	Ash (%)	0613	18.96	0.0700	20.78	0.1916	0.0895	66	-9.54	005.11	0
005	Ash (%)	0889	20.16	0.0200	20.78	0.1916	0.0895	66	-3.28	005.11	0
005	Ash (%)	2156	20.37	0.5400	20.78	0.1916	0.0895	66	-2.16	005.00	0
005	Ash (%)	2380	20.49	0.0700	20.78	0.1916	0.0895	66	-1.56	005.00	0
005	Ash (%)	0656	20.51	0.0000	20.78	0.1916	0.0895	66	-1.43	005.00	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	
005	Ash (%)	0511	20.55	0.1000	20.78	0.1916	0.0895	66	-1.22	005.03	0
005	Ash (%)	2417	20.58	0.3100	20.78	0.1916	0.0895	66	-1.09	005.05	0
005	Ash (%)	0417	20.60	0.3500	20.78	0.1916	0.0895	66	-0.98	005.00	0
005	Ash (%)	1022	20.60	0.0100	20.78	0.1916	0.0895	66	-0.98	005.05	0
005	Ash (%)	2408	20.62	0.1200	20.78	0.1916	0.0895	66	-0.85	005.00	0
005	Ash (%)	2252	20.63	0.1300	20.78	0.1916	0.0895	66	-0.83	005.00	0
005	Ash (%)	0613	20.63	0.0400	20.78	0.1916	0.0895	66	-0.80	005.99	0
005	Ash (%)	0001	20.64	0.1620	20.78	0.1916	0.0895	66	-0.73	005.00	0
005	Ash (%)	2362	20.65	0.1800	20.78	0.1916	0.0895	66	-0.70	005.00	0
005	Ash (%)	2293	20.67	0.0300	20.78	0.1916	0.0895	66	-0.62	005.00	0
005	Ash (%)	2399	20.67	0.1300	20.78	0.1916	0.0895	66	-0.62	005.05	0
005	Ash (%)	0870	20.67	0.2161	20.78	0.1916	0.0895	66	-0.57	005.00	0
005	Ash (%)	0142	20.68	0.0500	20.78	0.1916	0.0895	66	-0.56	005.00	0
005	Ash (%)	0171	20.68	0.0500	20.78	0.1916	0.0895	66	-0.56	005.00	0
005	Ash (%)	2331	20.68	0.0400	20.78	0.1916	0.0895	66	-0.54	005.00	0
005	Ash (%)	2361	20.68	0.0200	20.78	0.1916	0.0895	66	-0.54	005.00	0
005	Ash (%)	0139	20.68	0.0200	20.78	0.1916	0.0895	66	-0.54	005.05	0
005	Ash (%)	1020	20.69	0.1700	20.78	0.1916	0.0895	66	-0.51	005.00	0
005	Ash (%)	0309	20.69	0.0466	20.78	0.1916	0.0895	66	-0.50	005.00	0
005	Ash (%)	2050	20.69	0.1200	20.78	0.1916	0.0895	66	-0.49	005.05	0
005	Ash (%)	2330	20.70	0.0100	20.78	0.1916	0.0895	66	-0.46	005.00	0
005	Ash (%)	2219	20.71	0.0200	20.78	0.1916	0.0895	66	-0.38	005.00	0
005	Ash (%)	0880	20.72	0.0000	20.78	0.1916	0.0895	66	-0.33	005.00	0
005	Ash (%)	2220	20.73	0.0100	20.78	0.1916	0.0895	66	-0.30	005.00	0
005	Ash (%)	0554	20.73	0.1400	20.78	0.1916	0.0895	66	-0.28	005.00	0
005	Ash (%)	2396	20.73	0.0800	20.78	0.1916	0.0895	66	-0.28	005.00	0
005	Ash (%)	2444	20.74	0.0100	20.78	0.1916	0.0895	66	-0.25	005.05	0
005	Ash (%)	1021	20.74	0.0800	20.78	0.1916	0.0895	66	-0.23	005.05	0
005	Ash (%)	2415	20.76	0.1100	20.78	0.1916	0.0895	66	-0.15	005.00	0
005	Ash (%)	1023	20.76	0.0600	20.78	0.1916	0.0895	66	-0.12	005.00	0
005	Ash (%)	1024	20.78	0.0400	20.78	0.1916	0.0895	66	-0.02	005.00	0
005	Ash (%)	0510	20.79	0.0600	20.78	0.1916	0.0895	66	0.04	005.00	0
005	Ash (%)	0504	20.80	0.3100	20.78	0.1916	0.0895	66	0.06	005.00	0
005	Ash (%)	2385	20.80	0.1600	20.78	0.1916	0.0895	66	0.09	005.00	0
005	Ash (%)	0918	20.80	0.0000	20.78	0.1916	0.0895	66	0.09	005.00	0
005	Ash (%)	0845	20.81	0.0700	20.78	0.1916	0.0895	66	0.11	005.05	0
005	Ash (%)	0164	20.83	0.0000	20.78	0.1916	0.0895	66	0.24	005.00	0
005	Ash (%)	0098	20.84	0.0700	20.78	0.1916	0.0895	66	0.27	005.00	0
005	Ash (%)	0407	20.84	0.0766	20.78	0.1916	0.0895	66	0.32	005.00	0
005	Ash (%)	0914	20.85	0.0700	20.78	0.1916	0.0895	66	0.32	005.99	0
005	Ash (%)	0889	20.88	0.0900	20.78	0.1916	0.0895	66	0.48	005.05	0
005	Ash (%)	2420	20.88	0.0000	20.78	0.1916	0.0895	66	0.51	005.05	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	
005	Ash (%)	2424	20.91	0.0855	20.78	0.1916	0.0895	66	0.68	005.05	0
005	Ash (%)	2382	20.92	0.1300	20.78	0.1916	0.0895	66	0.69	005.00	0
005	Ash (%)	2302	20.93	0.1200	20.78	0.1916	0.0895	66	0.77	005.00	0
005	Ash (%)	0910	20.95	0.1000	20.78	0.1916	0.0895	66	0.87	005.99	0
005	Ash (%)	0003	20.96	0.0400	20.78	0.1916	0.0895	66	0.92	005.05	0
005	Ash (%)	2124	20.97	0.0500	20.78	0.1916	0.0895	66	0.95	005.00	0
005	Ash (%)	0034	20.97	0.0003	20.78	0.1916	0.0895	66	0.95	005.05	0
005	Ash (%)	2419	20.98	0.0300	20.78	0.1916	0.0895	66	1.00	005.05	0
005	Ash (%)	2312	21.00	0.1000	20.78	0.1916	0.0895	66	1.13	005.00	0
005	Ash (%)	0876	21.01	0.2200	20.78	0.1916	0.0895	66	1.18	005.00	0
005	Ash (%)	2422	21.04	0.0800	20.78	0.1916	0.0895	66	1.34	005.05	0
005	Ash (%)	2452	21.05	0.0100	20.78	0.1916	0.0895	66	1.37	005.05	0
005	Ash (%)	0242	21.05	0.0400	20.78	0.1916	0.0895	66	1.39	005.00	0
005	Ash (%)	0529	21.05	0.1000	20.78	0.1916	0.0895	66	1.39	005.00	0
005	Ash (%)	0619	21.05	0.1000	20.78	0.1916	0.0895	66	1.39	005.05	0
005	Ash (%)	2421	21.05	0.0800	20.78	0.1916	0.0895	66	1.39	005.05	0
005	Ash (%)	2395	21.12	0.6400	20.78	0.1916	0.0895	66	1.76	005.00	0
005	Ash (%)	2089	21.14	0.1400	20.78	0.1916	0.0895	66	1.86	005.00	0
005	Ash (%)	0226	22.48	0.4700	20.78	0.1916	0.0895	66	8.83	005.00	0
005	Ash (%)	1019	19.30	3.140	20.78	0.1916	0.0895	66	-7.74	005.00	1
005	Ash (%)	0047	19.70	2.610	20.78	0.1916	0.0895	66	-5.68	005.00	1
008	Fiber, Acid Detergent (%)	0504	1.185	0.0900	2.196	1.039	0.1917	10	-0.97	008.08	0
008	Fiber, Acid Detergent (%)	0870	1.409	0.2980	2.196	1.039	0.1917	10	-0.76	008.08	0
008	Fiber, Acid Detergent (%)	0889	1.460	0.0200	2.196	1.039	0.1917	10	-0.71	008.08	0
008	Fiber, Acid Detergent (%)	0309	1.604	0.0219	2.196	1.039	0.1917	10	-0.57	008.02	0
008	Fiber, Acid Detergent (%)	0619	1.900	0.3800	2.196	1.039	0.1917	10	-0.28	008.08	0
008	Fiber, Acid Detergent (%)	0001	1.926	0.0550	2.196	1.039	0.1917	10	-0.26	008.08	0
008	Fiber, Acid Detergent (%)	0226	2.205	0.0700	2.196	1.039	0.1917	10	0.01	008.02	0
008	Fiber, Acid Detergent (%)	0511	2.950	0.3000	2.196	1.039	0.1917	10	0.73	008.08	0
008	Fiber, Acid Detergent (%)	0407	3.563	0.2143	2.196	1.039	0.1917	10	1.32	008.08	0
008	Fiber, Acid Detergent (%)	0613	4.860	1.520	2.196	1.039	0.1917	10	2.56	008.08	0
008	Fiber, Acid Detergent (%)	0581	6.170	3.420	2.196	1.039	0.1917	10	3.82	008.08	1
009	Fiber, Neutral Detergent (%)	0889	5.215	0.1700	8.253	2.478	0.4272	8	-1.23	009.09	0
009	Fiber, Neutral Detergent (%)	0870	6.619	0.9913	8.253	2.478	0.4272	8	-0.66	009.09	0
009	Fiber, Neutral Detergent (%)	0889	7.333	0.0250	8.253	2.478	0.4272	8	-0.37	009.99	0
009	Fiber, Neutral Detergent (%)	0226	7.485	0.0500	8.253	2.478	0.4272	8	-0.31	009.07	0
009	Fiber, Neutral Detergent (%)	0407	8.068	0.2745	8.253	2.478	0.4272	8	-0.07	009.09	0
009	Fiber, Neutral Detergent (%)	0309	8.551	0.0751	8.253	2.478	0.4272	8	0.12	009.07	0
009	Fiber, Neutral Detergent (%)	0504	10.91	0.6200	8.253	2.478	0.4272	8	1.07	009.09	0
009	Fiber, Neutral Detergent (%)	0581	11.85	2.390	8.253	2.478	0.4272	8	1.45	009.09	0
009	Fiber, Neutral Detergent (%)	0613	34.12	32.28	8.253	2.478	0.4272	8	10.44	009.09	1
010	Moisture (%)	0889	6.530	0.0600				3		010.11	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			
010	Moisture (%)	2409	6.675	0.2100				3		010.99	0
010	Moisture (%)	2089	7.290	0.0000				3		010.99	0
011	Loss on Drying, HT (%)	0880	6.375	0.0100	7.923	0.2804	0.0845	19	-5.52	011.01	0
011	Loss on Drying, HT (%)	1019	7.265	0.0100	7.923	0.2804	0.0845	19	-2.35	011.01	0
011	Loss on Drying, HT (%)	0510	7.400	0.2000	7.923	0.2804	0.0845	19	-1.87	011.01	0
011	Loss on Drying, HT (%)	0047	7.635	0.0300	7.923	0.2804	0.0845	19	-1.03	011.01	0
011	Loss on Drying, HT (%)	2302	7.785	0.1100	7.923	0.2804	0.0845	19	-0.49	011.01	0
011	Loss on Drying, HT (%)	2312	7.825	0.5100	7.923	0.2804	0.0845	19	-0.35	011.01	0
011	Loss on Drying, HT (%)	0309	7.885	0.0700	7.923	0.2804	0.0845	19	-0.14	011.01	0
011	Loss on Drying, HT (%)	0171	7.930	0.0200	7.923	0.2804	0.0845	19	0.02	011.01	0
011	Loss on Drying, HT (%)	0164	7.940	0.0800	7.923	0.2804	0.0845	19	0.06	011.01	0
011	Loss on Drying, HT (%)	0511	7.990	0.5200	7.923	0.2804	0.0845	19	0.24	011.01	0
011	Loss on Drying, HT (%)	0554	7.990	0.0000	7.923	0.2804	0.0845	19	0.24	011.01	0
011	Loss on Drying, HT (%)	0417	7.990	0.0800	7.923	0.2804	0.0845	19	0.24	011.02	0
011	Loss on Drying, HT (%)	0529	8.055	0.0100	7.923	0.2804	0.0845	19	0.47	011.02	0
011	Loss on Drying, HT (%)	0407	8.080	0.0251	7.923	0.2804	0.0845	19	0.56	011.01	0
011	Loss on Drying, HT (%)	0098	8.080	0.0800	7.923	0.2804	0.0845	19	0.56	011.01	0
011	Loss on Drying, HT (%)	0226	8.090	0.0600	7.923	0.2804	0.0845	19	0.59	011.01	0
011	Loss on Drying, HT (%)	0242	8.145	0.1300	7.923	0.2804	0.0845	19	0.79	011.01	0
011	Loss on Drying, HT (%)	0870	8.274	0.1267	7.923	0.2804	0.0845	19	1.25	011.01	0
011	Loss on Drying, HT (%)	2373	8.430	0.0000	7.923	0.2804	0.0845	19	1.81	011.01	0
012	Starch (%)	0407	0.0977	0.0455	0.7153	0.7779	0.0461	4		012.01	0
012	Starch (%)	0870	0.1410	0.0120	0.7153	0.7779	0.0461	4		012.01	0
012	Starch (%)	0407	0.8675	0.0169	0.7153	0.7779	0.0461	4		012.03	0
012	Starch (%)	2089	1.755	0.1100	0.7153	0.7779	0.0461	4		012.01	0
013	Fat, Pretreat (%)	2415	5.810	0.4000	9.975	0.9994	0.3735	42	-4.17	013.02	0
013	Fat, Pretreat (%)	0914	5.930	0.0800	9.975	0.9994	0.3735	42	-4.05	013.02	0
013	Fat, Pretreat (%)	0656	7.370	0.0000	9.975	0.9994	0.3735	42	-2.61	013.02	0
013	Fat, Pretreat (%)	2399	7.860	0.6200	9.975	0.9994	0.3735	42	-2.12	013.02	0
013	Fat, Pretreat (%)	2395	8.210	0.6000	9.975	0.9994	0.3735	42	-1.77	013.02	0
013	Fat, Pretreat (%)	2293	8.270	0.3200	9.975	0.9994	0.3735	42	-1.71	013.02	0
013	Fat, Pretreat (%)	2361	8.490	0.9600	9.975	0.9994	0.3735	42	-1.49	013.02	0
013	Fat, Pretreat (%)	2312	8.895	0.0500	9.975	0.9994	0.3735	42	-1.08	013.02	0
013	Fat, Pretreat (%)	0098	8.940	0.3800	9.975	0.9994	0.3735	42	-1.04	013.02	0
013	Fat, Pretreat (%)	0581	9.020	0.3400	9.975	0.9994	0.3735	42	-0.96	013.13	0
013	Fat, Pretreat (%)	0511	9.305	0.9100	9.975	0.9994	0.3735	42	-0.67	013.13	0
013	Fat, Pretreat (%)	0407	9.606	0.1730	9.975	0.9994	0.3735	42	-0.37	013.13	0
013	Fat, Pretreat (%)	0876	9.670	0.4400	9.975	0.9994	0.3735	42	-0.30	013.13	0
013	Fat, Pretreat (%)	0034	9.710	0.3400	9.975	0.9994	0.3735	42	-0.26	013.13	0
013	Fat, Pretreat (%)	2362	9.845	1.650	9.975	0.9994	0.3735	42	-0.13	013.02	0
013	Fat, Pretreat (%)	2252	9.895	1.110	9.975	0.9994	0.3735	42	-0.08	013.02	0
013	Fat, Pretreat (%)	2124	10.06	0.7000	9.975	0.9994	0.3735	42	0.09	013.10	0

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013	Fat, Pretreat (%)	2419	10.20	0.1800	9.975	0.9994	0.3735	42	0.23	013.02	0
013	Fat, Pretreat (%)	2220	10.24	0.7800	9.975	0.9994	0.3735	42	0.27	013.00	0
013	Fat, Pretreat (%)	0309	10.33	0.1202	9.975	0.9994	0.3735	42	0.36	013.00	0
013	Fat, Pretreat (%)	2421	10.36	0.4100	9.975	0.9994	0.3735	42	0.38	013.02	0
013	Fat, Pretreat (%)	2385	10.36	0.0600	9.975	0.9994	0.3735	42	0.39	013.02	0
013	Fat, Pretreat (%)	2424	10.37	0.1600	9.975	0.9994	0.3735	42	0.40	013.02	0
013	Fat, Pretreat (%)	2417	10.37	0.0800	9.975	0.9994	0.3735	42	0.40	013.02	0
013	Fat, Pretreat (%)	0845	10.40	0.0300	9.975	0.9994	0.3735	42	0.42	013.10	0
013	Fat, Pretreat (%)	2330	10.44	0.5200	9.975	0.9994	0.3735	42	0.47	013.02	0
013	Fat, Pretreat (%)	2452	10.45	0.2900	9.975	0.9994	0.3735	42	0.47	013.02	0
013	Fat, Pretreat (%)	2408	10.45	0.4200	9.975	0.9994	0.3735	42	0.48	013.02	0
013	Fat, Pretreat (%)	2422	10.45	0.1600	9.975	0.9994	0.3735	42	0.48	013.02	0
013	Fat, Pretreat (%)	0870	10.47	0.3759	9.975	0.9994	0.3735	42	0.50	013.02	0
013	Fat, Pretreat (%)	2219	10.48	0.1000	9.975	0.9994	0.3735	42	0.51	013.00	0
013	Fat, Pretreat (%)	2420	10.53	0.1800	9.975	0.9994	0.3735	42	0.56	013.02	0
013	Fat, Pretreat (%)	2380	10.53	0.2200	9.975	0.9994	0.3735	42	0.56	013.02	0
013	Fat, Pretreat (%)	2382	10.57	0.3500	9.975	0.9994	0.3735	42	0.59	013.02	0
013	Fat, Pretreat (%)	2396	10.62	0.2000	9.975	0.9994	0.3735	42	0.65	013.02	0
013	Fat, Pretreat (%)	0407	10.64	0.0160	9.975	0.9994	0.3735	42	0.66	013.02	0
013	Fat, Pretreat (%)	2156	10.68	0.1600	9.975	0.9994	0.3735	42	0.71	013.02	0
013	Fat, Pretreat (%)	0164	10.69	0.1000	9.975	0.9994	0.3735	42	0.72	013.02	0
013	Fat, Pretreat (%)	1021	10.74	1.330	9.975	0.9994	0.3735	42	0.76	013.02	0
013	Fat, Pretreat (%)	0074	11.36	0.1300	9.975	0.9994	0.3735	42	1.38	013.13	0
013	Fat, Pretreat (%)	0139	11.96	0.9100	9.975	0.9994	0.3735	42	1.98	013.02	0
013	Fat, Pretreat (%)	1022	12.57	0.7400	9.975	0.9994	0.3735	42	2.60	013.02	0
015	Aluminum (ppm)	0407	910.7	1.118	1,109	202.0	36.20	5		015.41	0
015	Aluminum (ppm)	0510	975.0	32.00	1,109	202.0	36.20	5		015.43	0
015	Aluminum (ppm)	0407	1,038	34.97	1,109	202.0	36.20	5		015.43	0
015	Aluminum (ppm)	0407	1,210	76.93	1,109	202.0	36.20	5		015.53	0
015	Aluminum (ppm)	0226	1,410	36.00	1,109	202.0	36.20	5		015.43	0
017	Boron (ppm)	0407	5.691	0.0001	6.748	1.153	0.3956	6	-0.92	017.41	0
017	Boron (ppm)	0226	5.830	0.0000	6.748	1.153	0.3956	6	-0.80	017.43	0
017	Boron (ppm)	0510	6.000	0.0000	6.748	1.153	0.3956	6	-0.65	017.43	0
017	Boron (ppm)	0407	7.379	0.8365	6.748	1.153	0.3956	6	0.55	017.53	0
017	Boron (ppm)	0407	7.607	0.4258	6.748	1.153	0.3956	6	0.74	017.43	0
017	Boron (ppm)	0918	7.980	0.3200	6.748	1.153	0.3956	6	1.07	017.43	0
019	Calcium (%)	2302	3.975	0.1100	4.993	0.3037	0.1157	61	-3.35	019.00	0
019	Calcium (%)	0510	4.385	0.1500	4.993	0.3037	0.1157	61	-2.00	019.43	0
019	Calcium (%)	0242	4.540	0.1400	4.993	0.3037	0.1157	61	-1.49	019.99	0
019	Calcium (%)	0889	4.570	0.1000	4.993	0.3037	0.1157	61	-1.39	019.99	0
019	Calcium (%)	1024	4.575	0.0100	4.993	0.3037	0.1157	61	-1.38	019.44	0
019	Calcium (%)	1023	4.610	0.0600	4.993	0.3037	0.1157	61	-1.26	019.44	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
019	Calcium (%)	0139	4.635	0.0500	4.993	0.3037	0.1157	61	-1.18	019.41	0
019	Calcium (%)	1020	4.670	0.1600	4.993	0.3037	0.1157	61	-1.06	019.41	0
019	Calcium (%)	2417	4.685	0.3500	4.993	0.3037	0.1157	61	-1.01	019.44	0
019	Calcium (%)	2421	4.685	0.1900	4.993	0.3037	0.1157	61	-1.01	019.44	0
019	Calcium (%)	2424	4.685	0.0500	4.993	0.3037	0.1157	61	-1.01	019.44	0
019	Calcium (%)	1022	4.705	0.0500	4.993	0.3037	0.1157	61	-0.95	019.41	0
019	Calcium (%)	2033	4.706	0.0214	4.993	0.3037	0.1157	61	-0.94	019.43	0
019	Calcium (%)	2124	4.720	0.0200	4.993	0.3037	0.1157	61	-0.90	019.43	0
019	Calcium (%)	0142	4.758	0.0179	4.993	0.3037	0.1157	61	-0.77	019.31	0
019	Calcium (%)	2452	4.760	0.0600	4.993	0.3037	0.1157	61	-0.77	019.44	0
019	Calcium (%)	0001	4.790	0.0800	4.993	0.3037	0.1157	61	-0.67	019.43	0
019	Calcium (%)	2420	4.810	0.0800	4.993	0.3037	0.1157	61	-0.60	019.44	0
019	Calcium (%)	0098	4.815	0.1500	4.993	0.3037	0.1157	61	-0.58	019.41	0
019	Calcium (%)	2422	4.825	0.0700	4.993	0.3037	0.1157	61	-0.55	019.44	0
019	Calcium (%)	2419	4.865	0.0500	4.993	0.3037	0.1157	61	-0.42	019.44	0
019	Calcium (%)	2399	4.870	0.0400	4.993	0.3037	0.1157	61	-0.40	019.41	0
019	Calcium (%)	2362	4.895	0.4300	4.993	0.3037	0.1157	61	-0.32	019.44	0
019	Calcium (%)	0407	4.921	0.2241	4.993	0.3037	0.1157	61	-0.23	019.53	0
019	Calcium (%)	0613	4.925	0.4300	4.993	0.3037	0.1157	61	-0.22	019.42	0
019	Calcium (%)	0511	4.950	0.0400	4.993	0.3037	0.1157	61	-0.14	019.43	0
019	Calcium (%)	0656	4.960	0.0000	4.993	0.3037	0.1157	61	-0.11	019.31	0
019	Calcium (%)	1021	4.965	0.0900	4.993	0.3037	0.1157	61	-0.09	019.41	0
019	Calcium (%)	0407	4.986	0.1413	4.993	0.3037	0.1157	61	-0.02	019.43	0
019	Calcium (%)	0171	4.995	0.0500	4.993	0.3037	0.1157	61	0.01	019.41	0
019	Calcium (%)	2089	5.020	0.0200	4.993	0.3037	0.1157	61	0.09	019.43	0
019	Calcium (%)	0010	5.025	0.0700	4.993	0.3037	0.1157	61	0.11	019.43	0
019	Calcium (%)	0407	5.048	0.1914	4.993	0.3037	0.1157	61	0.18	019.41	0
019	Calcium (%)	0051	5.055	0.0050	4.993	0.3037	0.1157	61	0.21	019.43	0
019	Calcium (%)	0027	5.058	0.0390	4.993	0.3037	0.1157	61	0.21	019.43	0
019	Calcium (%)	0226	5.060	0.0800	4.993	0.3037	0.1157	61	0.22	019.43	0
019	Calcium (%)	0529	5.060	0.1600	4.993	0.3037	0.1157	61	0.22	019.31	0
019	Calcium (%)	0074	5.065	0.0300	4.993	0.3037	0.1157	61	0.24	019.41	0
019	Calcium (%)	2220	5.070	0.1600	4.993	0.3037	0.1157	61	0.26	019.44	0
019	Calcium (%)	0910	5.100	0.5200	4.993	0.3037	0.1157	61	0.35	019.41	0
019	Calcium (%)	0001	5.103	0.0560	4.993	0.3037	0.1157	61	0.36	019.31	0
019	Calcium (%)	0098	5.105	0.0700	4.993	0.3037	0.1157	61	0.37	019.43	0
019	Calcium (%)	0164	5.165	0.2500	4.993	0.3037	0.1157	61	0.57	019.41	0
019	Calcium (%)	0918	5.169	0.3040	4.993	0.3037	0.1157	61	0.58	019.43	0
019	Calcium (%)	2252	5.170	0.4000	4.993	0.3037	0.1157	61	0.58	019.44	0
019	Calcium (%)	0619	5.185	0.1700	4.993	0.3037	0.1157	61	0.63	019.41	0
019	Calcium (%)	2408	5.205	0.1100	4.993	0.3037	0.1157	61	0.70	019.44	0
019	Calcium (%)	2156	5.240	0.1600	4.993	0.3037	0.1157	61	0.81	019.44	0

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019	Calcium (%)	2331	5.261	0.0300	4.993	0.3037	0.1157	61	0.88	019.44	0
019	Calcium (%)	2293	5.285	0.1090	4.993	0.3037	0.1157	61	0.96	019.44	0
019	Calcium (%)	2409	5.289	0.0990	4.993	0.3037	0.1157	61	0.97	019.53	0
019	Calcium (%)	0870	5.289	0.2960	4.993	0.3037	0.1157	61	0.98	019.42	0
019	Calcium (%)	0226	5.310	0.1400	4.993	0.3037	0.1157	61	1.05	019.41	0
019	Calcium (%)	2361	5.330	0.0200	4.993	0.3037	0.1157	61	1.11	019.44	0
019	Calcium (%)	0504	5.345	0.1790	4.993	0.3037	0.1157	61	1.16	019.42	0
019	Calcium (%)	2395	5.385	0.0700	4.993	0.3037	0.1157	61	1.29	019.44	0
019	Calcium (%)	2396	5.420	0.0200	4.993	0.3037	0.1157	61	1.41	019.44	0
019	Calcium (%)	2330	5.435	0.1700	4.993	0.3037	0.1157	61	1.46	019.44	0
019	Calcium (%)	2219	5.473	0.3300	4.993	0.3037	0.1157	61	1.58	019.44	0
019	Calcium (%)	0870	5.563	0.3700	4.993	0.3037	0.1157	61	1.88	019.43	0
019	Calcium (%)	2373	5.735	0.0100	4.993	0.3037	0.1157	61	2.45	019.00	0
019	Calcium (%)	0876	5.390	0.7600	4.993	0.3037	0.1157	61	1.31	019.43	1
021	Cobalt (ppm)	0910	1.095	0.0300	1.877	0.2908	0.0551	7	-2.69	021.41	0
021	Cobalt (ppm)	0510	1.680	0.0200	1.877	0.2908	0.0551	7	-0.68	021.43	0
021	Cobalt (ppm)	0226	1.850	0.0200	1.877	0.2908	0.0551	7	-0.09	021.00	0
021	Cobalt (ppm)	0164	1.850	0.1000	1.877	0.2908	0.0551	7	-0.09	021.31	0
021	Cobalt (ppm)	0407	2.046	0.0708	1.877	0.2908	0.0551	7	0.58	021.41	0
021	Cobalt (ppm)	0407	2.100	0.0034	1.877	0.2908	0.0551	7	0.77	021.43	0
021	Cobalt (ppm)	0407	2.169	0.1705	1.877	0.2908	0.0551	7	1.00	021.53	0
022	Copper (ppm)	0242	1.500	1.000	4.098	1.130	0.5556	40	-2.30	022.99	0
022	Copper (ppm)	0407	2.434	0.8646	4.098	1.130	0.5556	40	-1.47	022.41	0
022	Copper (ppm)	2409	2.701	0.0700	4.098	1.130	0.5556	40	-1.24	022.53	0
022	Copper (ppm)	0510	3.000	0.0000	4.098	1.130	0.5556	40	-0.97	022.43	0
022	Copper (ppm)	0511	3.000	0.0000	4.098	1.130	0.5556	40	-0.97	022.43	0
022	Copper (ppm)	0407	3.111	0.4030	4.098	1.130	0.5556	40	-0.87	022.43	0
022	Copper (ppm)	0028	3.155	0.5700	4.098	1.130	0.5556	40	-0.83	022.43	0
022	Copper (ppm)	0098	3.205	0.5100	4.098	1.130	0.5556	40	-0.79	022.43	0
022	Copper (ppm)	2399	3.386	0.1400	4.098	1.130	0.5556	40	-0.63	022.41	0
022	Copper (ppm)	0870	3.502	0.2130	4.098	1.130	0.5556	40	-0.53	022.42	0
022	Copper (ppm)	0870	3.504	0.0540	4.098	1.130	0.5556	40	-0.53	022.43	0
022	Copper (ppm)	0001	3.535	0.2900	4.098	1.130	0.5556	40	-0.50	022.43	0
022	Copper (ppm)	0407	3.546	0.1508	4.098	1.130	0.5556	40	-0.49	022.53	0
022	Copper (ppm)	0164	3.550	0.5000	4.098	1.130	0.5556	40	-0.48	022.41	0
022	Copper (ppm)	2124	3.560	0.8400	4.098	1.130	0.5556	40	-0.48	022.43	0
022	Copper (ppm)	0918	3.660	0.0400	4.098	1.130	0.5556	40	-0.39	022.43	0
022	Copper (ppm)	1023	3.722	0.0530	4.098	1.130	0.5556	40	-0.33	022.44	0
022	Copper (ppm)	0051	3.835	0.1900	4.098	1.130	0.5556	40	-0.23	022.43	0
022	Copper (ppm)	0226	3.890	0.0600	4.098	1.130	0.5556	40	-0.18	022.43	0
022	Copper (ppm)	2395	3.905	0.0700	4.098	1.130	0.5556	40	-0.17	022.44	0
022	Copper (ppm)	2293	3.986	0.3340	4.098	1.130	0.5556	40	-0.10	022.44	0

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022	Copper (ppm)	0074	4.000	2.000	4.098	1.130	0.5556	40	-0.09	022.41	0
022	Copper (ppm)	2361	4.015	0.4100	4.098	1.130	0.5556	40	-0.07	022.44	0
022	Copper (ppm)	0171	4.080	0.1600	4.098	1.130	0.5556	40	-0.02	022.41	0
022	Copper (ppm)	1024	4.118	0.5460	4.098	1.130	0.5556	40	0.02	022.44	0
022	Copper (ppm)	0226	4.160	0.2800	4.098	1.130	0.5556	40	0.06	022.41	0
022	Copper (ppm)	0139	4.265	0.1880	4.098	1.130	0.5556	40	0.15	022.41	0
022	Copper (ppm)	1022	4.363	0.1360	4.098	1.130	0.5556	40	0.23	022.44	0
022	Copper (ppm)	0613	4.370	3.520	4.098	1.130	0.5556	40	0.24	022.42	0
022	Copper (ppm)	0910	4.500	1.000	4.098	1.130	0.5556	40	0.36	022.44	0
022	Copper (ppm)	0098	4.565	0.1900	4.098	1.130	0.5556	40	0.41	022.41	0
022	Copper (ppm)	2033	4.900	0.0000	4.098	1.130	0.5556	40	0.71	022.43	0
022	Copper (ppm)	2089	5.440	0.8400	4.098	1.130	0.5556	40	1.19	022.43	0
022	Copper (ppm)	2362	6.485	1.290	4.098	1.130	0.5556	40	2.11	022.44	0
022	Copper (ppm)	2408	6.655	4.310	4.098	1.130	0.5556	40	2.26	022.44	0
022	Copper (ppm)	2219	7.587	1.777	4.098	1.130	0.5556	40	3.09	022.44	0
022	Copper (ppm)	2220	8.575	3.450	4.098	1.130	0.5556	40	3.96	022.44	0
022	Copper (ppm)	2156	13.15	0.2800	4.098	1.130	0.5556	40	8.01	022.44	0
022	Copper (ppm)	1021	13.16	0.7000	4.098	1.130	0.5556	40	8.02	022.44	0
022	Copper (ppm)	2252	13.70	2.400	4.098	1.130	0.5556	40	8.50	022.44	0
022	Copper (ppm)	2330	7.375	7.050	4.098	1.130	0.5556	40	2.90	022.44	1
022	Copper (ppm)	0656	< 0.1514		4.098	1.130	0.5556	40		022.31	5
022	Copper (ppm)	0529	< 9.6		4.098	1.130	0.5556	40		022.31	5
025	Iron (ppm)	0242	710.0	8.000	932.3	68.71	32.47	32	-3.23	025.99	0
025	Iron (ppm)	0619	765.5	15.00	932.3	68.71	32.47	32	-2.43	025.41	0
025	Iron (ppm)	0028	788.8	89.32	932.3	68.71	32.47	32	-2.09	025.43	0
025	Iron (ppm)	0510	808.5	37.00	932.3	68.71	32.47	32	-1.80	025.43	0
025	Iron (ppm)	0171	851.5	19.00	932.3	68.71	32.47	32	-1.18	025.41	0
025	Iron (ppm)	0511	863.0	48.00	932.3	68.71	32.47	32	-1.01	025.43	0
025	Iron (ppm)	0407	869.7	18.56	932.3	68.71	32.47	32	-0.91	025.41	0
025	Iron (ppm)	0613	887.8	48.35	932.3	68.71	32.47	32	-0.65	025.42	0
025	Iron (ppm)	0407	890.5	42.62	932.3	68.71	32.47	32	-0.61	025.43	0
025	Iron (ppm)	0656	891.0	0.0000	932.3	68.71	32.47	32	-0.60	025.31	0
025	Iron (ppm)	2124	906.9	6.930	932.3	68.71	32.47	32	-0.37	025.43	0
025	Iron (ppm)	0870	921.3	49.50	932.3	68.71	32.47	32	-0.16	025.42	0
025	Iron (ppm)	0098	921.9	11.90	932.3	68.71	32.47	32	-0.15	025.41	0
025	Iron (ppm)	0226	928.5	26.93	932.3	68.71	32.47	32	-0.05	025.41	0
025	Iron (ppm)	0074	937.0	14.00	932.3	68.71	32.47	32	0.07	025.41	0
025	Iron (ppm)	0010	941.2	12.80	932.3	68.71	32.47	32	0.13	025.43	0
025	Iron (ppm)	2033	946.9	21.20	932.3	68.71	32.47	32	0.21	025.43	0
025	Iron (ppm)	0529	948.3	8.500	932.3	68.71	32.47	32	0.23	025.31	0
025	Iron (ppm)	0001	953.5	29.20	932.3	68.71	32.47	32	0.31	025.31	0
025	Iron (ppm)	0226	957.6	13.94	932.3	68.71	32.47	32	0.37	025.43	0

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025	Iron (ppm)	0918	960.6	51.59	932.3	68.71	32.47	32	0.41	025.43	0
025	Iron (ppm)	0027	972.6	30.28	932.3	68.71	32.47	32	0.59	025.43	0
025	Iron (ppm)	0870	979.8	52.50	932.3	68.71	32.47	32	0.69	025.43	0
025	Iron (ppm)	2409	980.8	4.421	932.3	68.71	32.47	32	0.71	025.53	0
025	Iron (ppm)	0910	982.0	46.00	932.3	68.71	32.47	32	0.72	025.41	0
025	Iron (ppm)	0407	982.2	62.94	932.3	68.71	32.47	32	0.73	025.53	0
025	Iron (ppm)	0164	983.5	55.00	932.3	68.71	32.47	32	0.75	025.41	0
025	Iron (ppm)	0098	988.8	30.50	932.3	68.71	32.47	32	0.82	025.43	0
025	Iron (ppm)	0051	993.6	32.41	932.3	68.71	32.47	32	0.89	025.43	0
025	Iron (ppm)	0001	1,005	10.00	932.3	68.71	32.47	32	1.06	025.43	0
025	Iron (ppm)	2089	1,040	65.84	932.3	68.71	32.47	32	1.57	025.43	0
025	Iron (ppm)	0504	1,067	75.00	932.3	68.71	32.47	32	1.95	025.42	0
025	Iron (ppm)	0876	1,102	162.2	932.3	68.71	32.47	32	2.47	025.43	1
027	Magnesium (%)	0028	0.2000	0.0400	0.2462	0.0123	0.0091	59	-3.75	027.43	0
027	Magnesium (%)	0510	0.2000	0.0000	0.2462	0.0123	0.0091	59	-3.75	027.43	0
027	Magnesium (%)	2421	0.2275	0.0010	0.2462	0.0123	0.0091	59	-1.52	027.44	0
027	Magnesium (%)	2362	0.2280	0.0180	0.2462	0.0123	0.0091	59	-1.48	027.44	0
027	Magnesium (%)	0529	0.2285	0.0010	0.2462	0.0123	0.0091	59	-1.44	027.31	0
027	Magnesium (%)	2124	0.2300	0.0000	0.2462	0.0123	0.0091	59	-1.31	027.43	0
027	Magnesium (%)	2452	0.2315	0.0010	0.2462	0.0123	0.0091	59	-1.19	027.44	0
027	Magnesium (%)	2417	0.2320	0.0180	0.2462	0.0123	0.0091	59	-1.15	027.44	0
027	Magnesium (%)	0001	0.2326	0.0016	0.2462	0.0123	0.0091	59	-1.10	027.31	0
027	Magnesium (%)	1020	0.2340	0.0080	0.2462	0.0123	0.0091	59	-0.99	027.41	0
027	Magnesium (%)	0613	0.2350	0.0100	0.2462	0.0123	0.0091	59	-0.91	027.42	0
027	Magnesium (%)	0511	0.2350	0.0100	0.2462	0.0123	0.0091	59	-0.91	027.43	0
027	Magnesium (%)	0001	0.2360	0.0100	0.2462	0.0123	0.0091	59	-0.83	027.43	0
027	Magnesium (%)	1024	0.2385	0.0030	0.2462	0.0123	0.0091	59	-0.62	027.44	0
027	Magnesium (%)	0870	0.2389	0.0027	0.2462	0.0123	0.0091	59	-0.59	027.42	0
027	Magnesium (%)	0098	0.2400	0.0000	0.2462	0.0123	0.0091	59	-0.50	027.41	0
027	Magnesium (%)	1023	0.2400	0.0000	0.2462	0.0123	0.0091	59	-0.50	027.44	0
027	Magnesium (%)	2420	0.2400	0.0020	0.2462	0.0123	0.0091	59	-0.50	027.44	0
027	Magnesium (%)	1021	0.2410	0.0020	0.2462	0.0123	0.0091	59	-0.42	027.41	0
027	Magnesium (%)	0051	0.2414	0.0015	0.2462	0.0123	0.0091	59	-0.39	027.43	0
027	Magnesium (%)	2424	0.2420	0.0020	0.2462	0.0123	0.0091	59	-0.34	027.44	0
027	Magnesium (%)	2409	0.2425	0.0010	0.2462	0.0123	0.0091	59	-0.30	027.53	0
027	Magnesium (%)	1022	0.2435	0.0030	0.2462	0.0123	0.0091	59	-0.22	027.41	0
027	Magnesium (%)	2219	0.2435	0.0270	0.2462	0.0123	0.0091	59	-0.22	027.44	0
027	Magnesium (%)	0139	0.2440	0.0020	0.2462	0.0123	0.0091	59	-0.18	027.41	0
027	Magnesium (%)	0619	0.2440	0.0020	0.2462	0.0123	0.0091	59	-0.18	027.41	0
027	Magnesium (%)	2422	0.2440	0.0000	0.2462	0.0123	0.0091	59	-0.18	027.44	0
027	Magnesium (%)	2399	0.2445	0.0030	0.2462	0.0123	0.0091	59	-0.13	027.41	0
027	Magnesium (%)	0171	0.2450	0.0100	0.2462	0.0123	0.0091	59	-0.09	027.41	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	
027	Magnesium (%)	0010	0.2460	0.0060	0.2462	0.0123	0.0091	59	-0.01	027.43	0
027	Magnesium (%)	2033	0.2471	0.0034	0.2462	0.0123	0.0091	59	0.08	027.43	0
027	Magnesium (%)	2331	0.2480	0.0040	0.2462	0.0123	0.0091	59	0.15	027.44	0
027	Magnesium (%)	0918	0.2490	0.0040	0.2462	0.0123	0.0091	59	0.23	027.43	0
027	Magnesium (%)	2293	0.2495	0.0050	0.2462	0.0123	0.0091	59	0.27	027.44	0
027	Magnesium (%)	0656	0.2500	0.0000	0.2462	0.0123	0.0091	59	0.31	027.31	0
027	Magnesium (%)	0074	0.2500	0.0000	0.2462	0.0123	0.0091	59	0.31	027.41	0
027	Magnesium (%)	0098	0.2500	0.0000	0.2462	0.0123	0.0091	59	0.31	027.43	0
027	Magnesium (%)	2156	0.2500	0.0200	0.2462	0.0123	0.0091	59	0.31	027.44	0
027	Magnesium (%)	2252	0.2500	0.0200	0.2462	0.0123	0.0091	59	0.31	027.44	0
027	Magnesium (%)	2408	0.2500	0.0200	0.2462	0.0123	0.0091	59	0.31	027.44	0
027	Magnesium (%)	2419	0.2500	0.0020	0.2462	0.0123	0.0091	59	0.31	027.44	0
027	Magnesium (%)	0242	0.2500	0.0000	0.2462	0.0123	0.0091	59	0.31	027.99	0
027	Magnesium (%)	0889	0.2500	0.0000	0.2462	0.0123	0.0091	59	0.31	027.99	0
027	Magnesium (%)	0870	0.2503	0.0088	0.2462	0.0123	0.0091	59	0.34	027.43	0
027	Magnesium (%)	0142	0.2528	0.0114	0.2462	0.0123	0.0091	59	0.54	027.31	0
027	Magnesium (%)	2361	0.2540	0.0040	0.2462	0.0123	0.0091	59	0.64	027.44	0
027	Magnesium (%)	0164	0.2550	0.0100	0.2462	0.0123	0.0091	59	0.72	027.41	0
027	Magnesium (%)	2396	0.2555	0.0070	0.2462	0.0123	0.0091	59	0.76	027.44	0
027	Magnesium (%)	0407	0.2566	0.0009	0.2462	0.0123	0.0091	59	0.85	027.41	0
027	Magnesium (%)	2089	0.2600	0.0000	0.2462	0.0123	0.0091	59	1.13	027.43	0
027	Magnesium (%)	2330	0.2600	0.0000	0.2462	0.0123	0.0091	59	1.13	027.44	0
027	Magnesium (%)	0407	0.2601	0.0130	0.2462	0.0123	0.0091	59	1.13	027.53	0
027	Magnesium (%)	0407	0.2632	0.0363	0.2462	0.0123	0.0091	59	1.38	027.43	0
027	Magnesium (%)	0226	0.2650	0.0100	0.2462	0.0123	0.0091	59	1.53	027.41	0
027	Magnesium (%)	0910	0.2650	0.0300	0.2462	0.0123	0.0091	59	1.53	027.41	0
027	Magnesium (%)	0226	0.2700	0.0000	0.2462	0.0123	0.0091	59	1.94	027.43	0
027	Magnesium (%)	2395	0.2700	0.0400	0.2462	0.0123	0.0091	59	1.94	027.44	0
027	Magnesium (%)	0876	0.2800	0.0200	0.2462	0.0123	0.0091	59	2.75	027.43	0
027	Magnesium (%)	0504	0.2840	0.0980	0.2462	0.0123	0.0091	59	3.08	027.42	0
027	Magnesium (%)	2220	0.3550	0.2500	0.2462	0.0123	0.0091	59	8.85	027.44	2
028	Manganese (ppm)	0028	49.28	6.530	59.16	4.739	1.457	56	-2.09	028.43	0
028	Manganese (ppm)	0510	49.50	1.000	59.16	4.739	1.457	56	-2.04	028.43	0
028	Manganese (ppm)	0511	52.50	3.000	59.16	4.739	1.457	56	-1.41	028.43	0
028	Manganese (ppm)	0656	53.04	0.0000	59.16	4.739	1.457	56	-1.29	028.31	0
028	Manganese (ppm)	0870	53.88	1.030	59.16	4.739	1.457	56	-1.12	028.43	0
028	Manganese (ppm)	0870	53.97	2.710	59.16	4.739	1.457	56	-1.10	028.42	0
028	Manganese (ppm)	0407	54.09	2.115	59.16	4.739	1.457	56	-1.07	028.41	0
028	Manganese (ppm)	2421	54.71	0.8700	59.16	4.739	1.457	56	-0.94	028.44	0
028	Manganese (ppm)	0619	54.85	0.1000	59.16	4.739	1.457	56	-0.91	028.41	0
028	Manganese (ppm)	2417	55.04	4.400	59.16	4.739	1.457	56	-0.87	028.44	0
028	Manganese (ppm)	2452	55.40	1.180	59.16	4.739	1.457	56	-0.79	028.44	0

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028	Manganese (ppm)	0407	55.48	2.251	59.16	4.739	1.457	56	-0.78	028.43	0
028	Manganese (ppm)	0171	55.75	0.1000	59.16	4.739	1.457	56	-0.72	028.41	0
028	Manganese (ppm)	0242	56.00	0.0000	59.16	4.739	1.457	56	-0.67	028.99	0
028	Manganese (ppm)	1024	56.15	0.4100	59.16	4.739	1.457	56	-0.64	028.44	0
028	Manganese (ppm)	2422	56.27	0.0200	59.16	4.739	1.457	56	-0.61	028.44	0
028	Manganese (ppm)	2420	56.29	0.8600	59.16	4.739	1.457	56	-0.61	028.44	0
028	Manganese (ppm)	1023	56.44	0.7800	59.16	4.739	1.457	56	-0.57	028.44	0
028	Manganese (ppm)	2424	56.48	0.0100	59.16	4.739	1.457	56	-0.57	028.44	0
028	Manganese (ppm)	1021	56.76	0.1300	59.16	4.739	1.457	56	-0.51	028.41	0
028	Manganese (ppm)	2124	56.87	0.7800	59.16	4.739	1.457	56	-0.48	028.43	0
028	Manganese (ppm)	2409	56.96	0.3550	59.16	4.739	1.457	56	-0.47	028.53	0
028	Manganese (ppm)	0164	57.00	2.000	59.16	4.739	1.457	56	-0.46	028.41	0
028	Manganese (ppm)	0139	57.69	0.2600	59.16	4.739	1.457	56	-0.31	028.41	0
028	Manganese (ppm)	2419	58.21	0.0900	59.16	4.739	1.457	56	-0.20	028.44	0
028	Manganese (ppm)	0010	58.25	1.500	59.16	4.739	1.457	56	-0.19	028.43	0
028	Manganese (ppm)	1022	58.28	0.6200	59.16	4.739	1.457	56	-0.19	028.41	0
028	Manganese (ppm)	2033	58.30	0.6000	59.16	4.739	1.457	56	-0.18	028.43	0
028	Manganese (ppm)	0098	58.60	0.5300	59.16	4.739	1.457	56	-0.12	028.41	0
028	Manganese (ppm)	0226	58.87	0.9700	59.16	4.739	1.457	56	-0.06	028.43	0
028	Manganese (ppm)	2399	58.88	0.1300	59.16	4.739	1.457	56	-0.06	028.41	0
028	Manganese (ppm)	0918	59.48	2.240	59.16	4.739	1.457	56	0.07	028.43	0
028	Manganese (ppm)	2089	59.66	2.360	59.16	4.739	1.457	56	0.10	028.43	0
028	Manganese (ppm)	0529	60.10	0.2000	59.16	4.739	1.457	56	0.20	028.31	0
028	Manganese (ppm)	0001	60.25	2.100	59.16	4.739	1.457	56	0.23	028.43	0
028	Manganese (ppm)	0074	60.50	1.000	59.16	4.739	1.457	56	0.28	028.41	0
028	Manganese (ppm)	0226	61.00	0.1200	59.16	4.739	1.457	56	0.39	028.41	0
028	Manganese (ppm)	0407	61.41	3.612	59.16	4.739	1.457	56	0.47	028.53	0
028	Manganese (ppm)	0098	61.45	1.690	59.16	4.739	1.457	56	0.48	028.43	0
028	Manganese (ppm)	0051	61.54	0.0600	59.16	4.739	1.457	56	0.50	028.43	0
028	Manganese (ppm)	2362	61.63	4.910	59.16	4.739	1.457	56	0.52	028.44	0
028	Manganese (ppm)	0910	62.00	4.000	59.16	4.739	1.457	56	0.60	028.41	0
028	Manganese (ppm)	0001	62.68	0.5200	59.16	4.739	1.457	56	0.74	028.31	0
028	Manganese (ppm)	0027	62.72	0.7570	59.16	4.739	1.457	56	0.75	028.43	0
028	Manganese (ppm)	0504	63.95	1.900	59.16	4.739	1.457	56	1.01	028.42	0
028	Manganese (ppm)	2252	64.37	0.5600	59.16	4.739	1.457	56	1.10	028.44	0
028	Manganese (ppm)	2219	64.60	5.400	59.16	4.739	1.457	56	1.15	028.44	0
028	Manganese (ppm)	2220	64.63	2.710	59.16	4.739	1.457	56	1.15	028.44	0
028	Manganese (ppm)	2156	64.87	0.4600	59.16	4.739	1.457	56	1.20	028.44	0
028	Manganese (ppm)	2408	64.93	1.040	59.16	4.739	1.457	56	1.22	028.44	0
028	Manganese (ppm)	2293	65.04	3.490	59.16	4.739	1.457	56	1.24	028.44	0
028	Manganese (ppm)	2361	66.34	3.900	59.16	4.739	1.457	56	1.51	028.44	0
028	Manganese (ppm)	0876	66.60	8.860	59.16	4.739	1.457	56	1.57	028.43	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
028	Manganese (ppm)	2330	66.99	3.120	59.16	4.739	1.457	56	1.65	028.44	0
028	Manganese (ppm)	2395	67.08	0.7000	59.16	4.739	1.457	56	1.67	028.44	0
028	Manganese (ppm)	2396	68.71	0.3200	59.16	4.739	1.457	56	2.01	028.41	0
028	Manganese (ppm)	0613	58.29	17.01	59.16	4.739	1.457	56	-0.19	028.42	1
031	Phosphorus (%)	2302	2.455	0.0300	3.118	0.2922	0.0811	59	-2.27	031.01	0
031	Phosphorus (%)	2417	2.705	0.2300	3.118	0.2922	0.0811	59	-1.41	031.44	0
031	Phosphorus (%)	2424	2.730	0.0000	3.118	0.2922	0.0811	59	-1.33	031.44	0
031	Phosphorus (%)	0510	2.750	0.0400	3.118	0.2922	0.0811	59	-1.26	031.43	0
031	Phosphorus (%)	2422	2.765	0.0500	3.118	0.2922	0.0811	59	-1.21	031.44	0
031	Phosphorus (%)	2420	2.770	0.0200	3.118	0.2922	0.0811	59	-1.19	031.44	0
031	Phosphorus (%)	2421	2.770	0.0600	3.118	0.2922	0.0811	59	-1.19	031.44	0
031	Phosphorus (%)	2033	2.798	0.0264	3.118	0.2922	0.0811	59	-1.10	031.53	0
031	Phosphorus (%)	2419	2.800	0.0400	3.118	0.2922	0.0811	59	-1.09	031.44	0
031	Phosphorus (%)	0242	2.810	0.0600	3.118	0.2922	0.0811	59	-1.05	031.99	0
031	Phosphorus (%)	2452	2.825	0.0900	3.118	0.2922	0.0811	59	-1.00	031.44	0
031	Phosphorus (%)	1024	2.875	0.0300	3.118	0.2922	0.0811	59	-0.83	031.44	0
031	Phosphorus (%)	0142	2.888	0.0845	3.118	0.2922	0.0811	59	-0.79	031.01	0
031	Phosphorus (%)	1020	2.900	0.1000	3.118	0.2922	0.0811	59	-0.75	031.41	0
031	Phosphorus (%)	0098	2.925	0.0420	3.118	0.2922	0.0811	59	-0.66	031.41	0
031	Phosphorus (%)	0613	2.925	0.1500	3.118	0.2922	0.0811	59	-0.66	031.42	0
031	Phosphorus (%)	1023	2.930	0.0400	3.118	0.2922	0.0811	59	-0.64	031.44	0
031	Phosphorus (%)	0511	2.935	0.2300	3.118	0.2922	0.0811	59	-0.63	031.43	0
031	Phosphorus (%)	1021	2.960	0.0600	3.118	0.2922	0.0811	59	-0.54	031.41	0
031	Phosphorus (%)	2124	2.970	0.0400	3.118	0.2922	0.0811	59	-0.51	031.43	0
031	Phosphorus (%)	2089	2.985	0.0300	3.118	0.2922	0.0811	59	-0.45	031.43	0
031	Phosphorus (%)	0889	2.993	0.0050	3.118	0.2922	0.0811	59	-0.43	031.99	0
031	Phosphorus (%)	0504	2.994	0.0710	3.118	0.2922	0.0811	59	-0.43	031.42	0
031	Phosphorus (%)	0910	3.020	0.2200	3.118	0.2922	0.0811	59	-0.34	031.41	0
031	Phosphorus (%)	0074	3.030	0.0200	3.118	0.2922	0.0811	59	-0.30	031.41	0
031	Phosphorus (%)	2399	3.030	0.0800	3.118	0.2922	0.0811	59	-0.30	031.41	0
031	Phosphorus (%)	0001	3.057	0.0270	3.118	0.2922	0.0811	59	-0.21	031.03	0
031	Phosphorus (%)	0171	3.060	0.0600	3.118	0.2922	0.0811	59	-0.20	031.41	0
031	Phosphorus (%)	0010	3.075	0.0700	3.118	0.2922	0.0811	59	-0.15	031.43	0
031	Phosphorus (%)	0027	3.090	0.0350	3.118	0.2922	0.0811	59	-0.10	031.43	0
031	Phosphorus (%)	0619	3.110	0.0800	3.118	0.2922	0.0811	59	-0.03	031.41	0
031	Phosphorus (%)	0870	3.111	0.0560	3.118	0.2922	0.0811	59	-0.02	031.42	0
031	Phosphorus (%)	0051	3.119	0.0095	3.118	0.2922	0.0811	59	0.00	031.43	0
031	Phosphorus (%)	0529	3.130	0.0000	3.118	0.2922	0.0811	59	0.04	031.01	0
031	Phosphorus (%)	0164	3.175	0.1300	3.118	0.2922	0.0811	59	0.20	031.41	0
031	Phosphorus (%)	0918	3.195	0.0090	3.118	0.2922	0.0811	59	0.26	031.43	0
031	Phosphorus (%)	0001	3.205	0.0700	3.118	0.2922	0.0811	59	0.30	031.43	0
031	Phosphorus (%)	0407	3.213	0.0137	3.118	0.2922	0.0811	59	0.33	031.41	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
031	Phosphorus (%)	2362	3.225	0.2500	3.118	0.2922	0.0811	59	0.37	031.44	0
031	Phosphorus (%)	0098	3.261	0.0640	3.118	0.2922	0.0811	59	0.49	031.43	0
031	Phosphorus (%)	0407	3.321	0.2364	3.118	0.2922	0.0811	59	0.70	031.43	0
031	Phosphorus (%)	0226	3.325	0.0500	3.118	0.2922	0.0811	59	0.71	031.41	0
031	Phosphorus (%)	1022	3.325	0.0100	3.118	0.2922	0.0811	59	0.71	031.44	0
031	Phosphorus (%)	2220	3.345	0.0500	3.118	0.2922	0.0811	59	0.78	031.44	0
031	Phosphorus (%)	2409	3.353	0.0640	3.118	0.2922	0.0811	59	0.80	031.53	0
031	Phosphorus (%)	0876	3.370	0.4400	3.118	0.2922	0.0811	59	0.86	031.43	0
031	Phosphorus (%)	0870	3.397	0.2226	3.118	0.2922	0.0811	59	0.95	031.43	0
031	Phosphorus (%)	2252	3.415	0.3100	3.118	0.2922	0.0811	59	1.02	031.44	0
031	Phosphorus (%)	2408	3.415	0.1900	3.118	0.2922	0.0811	59	1.02	031.44	0
031	Phosphorus (%)	2156	3.420	0.1600	3.118	0.2922	0.0811	59	1.03	031.44	0
031	Phosphorus (%)	2331	3.424	0.0960	3.118	0.2922	0.0811	59	1.05	031.44	0
031	Phosphorus (%)	2293	3.462	0.1510	3.118	0.2922	0.0811	59	1.18	031.44	0
031	Phosphorus (%)	2395	3.465	0.0100	3.118	0.2922	0.0811	59	1.19	031.44	0
031	Phosphorus (%)	2361	3.490	0.0800	3.118	0.2922	0.0811	59	1.27	031.44	0
031	Phosphorus (%)	0226	3.495	0.0500	3.118	0.2922	0.0811	59	1.29	031.43	0
031	Phosphorus (%)	0407	3.517	0.1988	3.118	0.2922	0.0811	59	1.36	031.53	0
031	Phosphorus (%)	2396	3.520	0.0200	3.118	0.2922	0.0811	59	1.38	031.44	0
031	Phosphorus (%)	2219	3.574	0.2260	3.118	0.2922	0.0811	59	1.56	031.44	0
031	Phosphorus (%)	2330	3.575	0.0100	3.118	0.2922	0.0811	59	1.56	031.44	0
031	Phosphorus (%)	0139	3.425	0.9700	3.118	0.2922	0.0811	59	1.05	031.41	1
032	Potassium (%)	0028	1.045	0.1700	1.230	0.0675	0.0394	59	-2.74	032.43	0
032	Potassium (%)	0510	1.145	0.0300	1.230	0.0675	0.0394	59	-1.26	032.43	0
032	Potassium (%)	2124	1.145	0.0300	1.230	0.0675	0.0394	59	-1.26	032.43	0
032	Potassium (%)	2417	1.150	0.1000	1.230	0.0675	0.0394	59	-1.18	032.44	0
032	Potassium (%)	1024	1.160	0.0200	1.230	0.0675	0.0394	59	-1.03	032.44	0
032	Potassium (%)	0242	1.160	0.0000	1.230	0.0675	0.0394	59	-1.03	032.99	0
032	Potassium (%)	0511	1.165	0.0300	1.230	0.0675	0.0394	59	-0.96	032.43	0
032	Potassium (%)	1023	1.165	0.0100	1.230	0.0675	0.0394	59	-0.96	032.44	0
032	Potassium (%)	2421	1.165	0.0100	1.230	0.0675	0.0394	59	-0.96	032.44	0
032	Potassium (%)	1020	1.170	0.0400	1.230	0.0675	0.0394	59	-0.89	032.41	0
032	Potassium (%)	2422	1.170	0.0000	1.230	0.0675	0.0394	59	-0.89	032.44	0
032	Potassium (%)	0613	1.175	0.0500	1.230	0.0675	0.0394	59	-0.81	032.42	0
032	Potassium (%)	2420	1.175	0.0300	1.230	0.0675	0.0394	59	-0.81	032.44	0
032	Potassium (%)	0142	1.178	0.0831	1.230	0.0675	0.0394	59	-0.76	032.31	0
032	Potassium (%)	1021	1.185	0.0100	1.230	0.0675	0.0394	59	-0.66	032.41	0
032	Potassium (%)	2424	1.185	0.0100	1.230	0.0675	0.0394	59	-0.66	032.44	0
032	Potassium (%)	2033	1.190	0.0261	1.230	0.0675	0.0394	59	-0.60	032.43	0
032	Potassium (%)	0001	1.190	0.0800	1.230	0.0675	0.0394	59	-0.59	032.43	0
032	Potassium (%)	2362	1.190	0.1400	1.230	0.0675	0.0394	59	-0.59	032.44	0
032	Potassium (%)	0226	1.195	0.0100	1.230	0.0675	0.0394	59	-0.52	032.43	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	
032	Potassium (%)	2452	1.195	0.0300	1.230	0.0675	0.0394	59	-0.52	032.44	0
032	Potassium (%)	0001	1.198	0.0040	1.230	0.0675	0.0394	59	-0.47	032.99	0
032	Potassium (%)	0529	1.200	0.0000	1.230	0.0675	0.0394	59	-0.44	032.31	0
032	Potassium (%)	0619	1.200	0.0000	1.230	0.0675	0.0394	59	-0.44	032.41	0
032	Potassium (%)	1022	1.200	0.0000	1.230	0.0675	0.0394	59	-0.44	032.41	0
032	Potassium (%)	2399	1.200	0.0200	1.230	0.0675	0.0394	59	-0.44	032.41	0
032	Potassium (%)	2089	1.200	0.0400	1.230	0.0675	0.0394	59	-0.44	032.43	0
032	Potassium (%)	2419	1.205	0.0100	1.230	0.0675	0.0394	59	-0.37	032.44	0
032	Potassium (%)	0139	1.210	0.0000	1.230	0.0675	0.0394	59	-0.29	032.41	0
032	Potassium (%)	0171	1.215	0.0500	1.230	0.0675	0.0394	59	-0.22	032.41	0
032	Potassium (%)	0910	1.220	0.1000	1.230	0.0675	0.0394	59	-0.14	032.41	0
032	Potassium (%)	2409	1.224	0.0020	1.230	0.0675	0.0394	59	-0.09	032.53	0
032	Potassium (%)	0226	1.230	0.0000	1.230	0.0675	0.0394	59	0.00	032.41	0
032	Potassium (%)	0918	1.236	0.0350	1.230	0.0675	0.0394	59	0.08	032.43	0
032	Potassium (%)	0870	1.239	0.0190	1.230	0.0675	0.0394	59	0.13	032.43	0
032	Potassium (%)	0051	1.240	0.0009	1.230	0.0675	0.0394	59	0.16	032.43	0
032	Potassium (%)	0074	1.245	0.0100	1.230	0.0675	0.0394	59	0.23	032.41	0
032	Potassium (%)	0098	1.245	0.0100	1.230	0.0675	0.0394	59	0.23	032.43	0
032	Potassium (%)	2220	1.245	0.0900	1.230	0.0675	0.0394	59	0.23	032.44	0
032	Potassium (%)	0407	1.247	0.1309	1.230	0.0675	0.0394	59	0.25	032.53	0
032	Potassium (%)	0010	1.250	0.0600	1.230	0.0675	0.0394	59	0.30	032.43	0
032	Potassium (%)	0870	1.252	0.0760	1.230	0.0675	0.0394	59	0.33	032.42	0
032	Potassium (%)	2156	1.275	0.0500	1.230	0.0675	0.0394	59	0.67	032.44	0
032	Potassium (%)	2252	1.275	0.0900	1.230	0.0675	0.0394	59	0.67	032.44	0
032	Potassium (%)	2331	1.281	0.0170	1.230	0.0675	0.0394	59	0.75	032.44	0
032	Potassium (%)	2408	1.290	0.0800	1.230	0.0675	0.0394	59	0.89	032.44	0
032	Potassium (%)	0164	1.300	0.0200	1.230	0.0675	0.0394	59	1.04	032.41	0
032	Potassium (%)	2293	1.307	0.0430	1.230	0.0675	0.0394	59	1.14	032.44	0
032	Potassium (%)	2361	1.310	0.0200	1.230	0.0675	0.0394	59	1.19	032.44	0
032	Potassium (%)	0407	1.317	0.0100	1.230	0.0675	0.0394	59	1.29	032.41	0
032	Potassium (%)	0656	1.320	0.0000	1.230	0.0675	0.0394	59	1.34	032.31	0
032	Potassium (%)	0098	1.320	0.0000	1.230	0.0675	0.0394	59	1.34	032.41	0
032	Potassium (%)	2395	1.320	0.0200	1.230	0.0675	0.0394	59	1.34	032.44	0
032	Potassium (%)	2396	1.320	0.0200	1.230	0.0675	0.0394	59	1.34	032.44	0
032	Potassium (%)	0407	1.322	0.1479	1.230	0.0675	0.0394	59	1.37	032.43	0
032	Potassium (%)	2219	1.327	0.0270	1.230	0.0675	0.0394	59	1.43	032.44	0
032	Potassium (%)	2330	1.340	0.0000	1.230	0.0675	0.0394	59	1.63	032.44	0
032	Potassium (%)	0889	1.360	0.0000	1.230	0.0675	0.0394	59	1.93	032.99	0
032	Potassium (%)	0876	1.445	0.0100	1.230	0.0675	0.0394	59	3.19	032.43	0
032	Potassium (%)	0504	1.193	0.1940	1.230	0.0675	0.0394	59	-0.54	032.42	1
033	Salt as chloride (%)	0171	2.130	0.0400	2.281	0.0907	0.0394	5		033.05	0
033	Salt as chloride (%)	0242	2.290	0.0000	2.281	0.0907	0.0394	5		033.01	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			
033	Salt as chloride (%)	0309	2.297	0.0067	2.281	0.0907	0.0394	5		033.00	0
033	Salt as chloride (%)	0407	2.312	0.0210	2.281	0.0907	0.0394	5		033.01	0
033	Salt as chloride (%)	0098	2.375	0.0900	2.281	0.0907	0.0394	5		033.01	0
034	Selenium, Total (Se) (ppm)	0910	2.250	0.1000	2.595	0.3922	0.1087	4		034.51	0
034	Selenium, Total (Se) (ppm)	2033	2.475	0.0300	2.595	0.3922	0.1087	4		034.43	0
034	Selenium, Total (Se) (ppm)	0164	2.495	0.0700	2.595	0.3922	0.1087	4		034.04	0
034	Selenium, Total (Se) (ppm)	0407	3.159	0.2349	2.595	0.3922	0.1087	4		034.53	0
034	Selenium, Total (Se) (ppm)	2428	< 0.5		2.595	0.3922	0.1087	4		034.53	5
035	Sodium (%)	0028	0.7850	0.1100	0.9792	0.0530	0.0298	57	-3.66	035.43	0
035	Sodium (%)	0142	0.8572	0.0087	0.9792	0.0530	0.0298	57	-2.30	035.31	0
035	Sodium (%)	0529	0.8940	0.0060	0.9792	0.0530	0.0298	57	-1.61	035.31	0
035	Sodium (%)	2417	0.9100	0.0800	0.9792	0.0530	0.0298	57	-1.31	035.41	0
035	Sodium (%)	2124	0.9100	0.0000	0.9792	0.0530	0.0298	57	-1.31	035.43	0
035	Sodium (%)	2421	0.9150	0.0100	0.9792	0.0530	0.0298	57	-1.21	035.41	0
035	Sodium (%)	0504	0.9150	0.1300	0.9792	0.0530	0.0298	57	-1.21	035.42	0
035	Sodium (%)	1024	0.9250	0.0100	0.9792	0.0530	0.0298	57	-1.02	035.41	0
035	Sodium (%)	0242	0.9250	0.0100	0.9792	0.0530	0.0298	57	-1.02	035.99	0
035	Sodium (%)	0511	0.9300	0.0200	0.9792	0.0530	0.0298	57	-0.93	035.43	0
035	Sodium (%)	0001	0.9305	0.0010	0.9792	0.0530	0.0298	57	-0.92	035.43	0
035	Sodium (%)	2033	0.9341	0.0222	0.9792	0.0530	0.0298	57	-0.85	035.53	0
035	Sodium (%)	1023	0.9400	0.0000	0.9792	0.0530	0.0298	57	-0.74	035.41	0
035	Sodium (%)	2420	0.9400	0.0400	0.9792	0.0530	0.0298	57	-0.74	035.41	0
035	Sodium (%)	2422	0.9400	0.0200	0.9792	0.0530	0.0298	57	-0.74	035.41	0
035	Sodium (%)	2452	0.9450	0.0300	0.9792	0.0530	0.0298	57	-0.65	035.41	0
035	Sodium (%)	0051	0.9456	0.0051	0.9792	0.0530	0.0298	57	-0.64	035.43	0
035	Sodium (%)	2362	0.9500	0.1200	0.9792	0.0530	0.0298	57	-0.55	035.41	0
035	Sodium (%)	0613	0.9500	0.0200	0.9792	0.0530	0.0298	57	-0.55	035.42	0
035	Sodium (%)	2089	0.9500	0.0200	0.9792	0.0530	0.0298	57	-0.55	035.43	0
035	Sodium (%)	2424	0.9550	0.0100	0.9792	0.0530	0.0298	57	-0.46	035.41	0
035	Sodium (%)	0619	0.9605	0.0030	0.9792	0.0530	0.0298	57	-0.35	035.41	0
035	Sodium (%)	1020	0.9650	0.0300	0.9792	0.0530	0.0298	57	-0.27	035.41	0
035	Sodium (%)	1022	0.9700	0.0000	0.9792	0.0530	0.0298	57	-0.17	035.41	0
035	Sodium (%)	2419	0.9700	0.0000	0.9792	0.0530	0.0298	57	-0.17	035.41	0
035	Sodium (%)	0510	0.9745	0.0030	0.9792	0.0530	0.0298	57	-0.09	035.43	0
035	Sodium (%)	2399	0.9750	0.0100	0.9792	0.0530	0.0298	57	-0.08	035.41	0
035	Sodium (%)	0910	0.9750	0.0900	0.9792	0.0530	0.0298	57	-0.08	035.41	0
035	Sodium (%)	0918	0.9755	0.0330	0.9792	0.0530	0.0298	57	-0.07	035.43	0
035	Sodium (%)	0139	0.9800	0.0000	0.9792	0.0530	0.0298	57	0.01	035.41	0
035	Sodium (%)	2220	0.9800	0.0800	0.9792	0.0530	0.0298	57	0.01	035.41	0
035	Sodium (%)	0171	0.9850	0.0100	0.9792	0.0530	0.0298	57	0.11	035.41	0
035	Sodium (%)	1021	0.9850	0.0300	0.9792	0.0530	0.0298	57	0.11	035.41	0
035	Sodium (%)	0098	0.9900	0.0000	0.9792	0.0530	0.0298	57	0.20	035.43	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	
035	Sodium (%)	0226	0.9950	0.0100	0.9792	0.0530	0.0298	57	0.30	035.43	0
035	Sodium (%)	2409	0.9965	0.0050	0.9792	0.0530	0.0298	57	0.33	035.53	0
035	Sodium (%)	0870	0.9997	0.0267	0.9792	0.0530	0.0298	57	0.39	035.43	0
035	Sodium (%)	0226	1.005	0.0100	0.9792	0.0530	0.0298	57	0.49	035.41	0
035	Sodium (%)	0027	1.008	0.0030	0.9792	0.0530	0.0298	57	0.53	035.43	0
035	Sodium (%)	0889	1.015	0.0000	0.9792	0.0530	0.0298	57	0.68	035.99	0
035	Sodium (%)	2331	1.019	0.0230	0.9792	0.0530	0.0298	57	0.74	035.41	0
035	Sodium (%)	0098	1.020	0.0000	0.9792	0.0530	0.0298	57	0.77	035.41	0
035	Sodium (%)	2156	1.020	0.0200	0.9792	0.0530	0.0298	57	0.77	035.41	0
035	Sodium (%)	0407	1.021	0.1053	0.9792	0.0530	0.0298	57	0.78	035.43	0
035	Sodium (%)	0407	1.021	0.0586	0.9792	0.0530	0.0298	57	0.78	035.53	0
035	Sodium (%)	0164	1.021	0.0580	0.9792	0.0530	0.0298	57	0.79	035.41	0
035	Sodium (%)	2252	1.025	0.0700	0.9792	0.0530	0.0298	57	0.86	035.41	0
035	Sodium (%)	2408	1.025	0.0500	0.9792	0.0530	0.0298	57	0.86	035.41	0
035	Sodium (%)	0407	1.025	0.0110	0.9792	0.0530	0.0298	57	0.87	035.41	0
035	Sodium (%)	0870	1.034	0.0310	0.9792	0.0530	0.0298	57	1.02	035.42	0
035	Sodium (%)	2293	1.038	0.0430	0.9792	0.0530	0.0298	57	1.10	035.41	0
035	Sodium (%)	2361	1.045	0.0300	0.9792	0.0530	0.0298	57	1.24	035.41	0
035	Sodium (%)	2396	1.055	0.0300	0.9792	0.0530	0.0298	57	1.43	035.41	0
035	Sodium (%)	2330	1.060	0.0000	0.9792	0.0530	0.0298	57	1.52	035.41	0
035	Sodium (%)	2219	1.065	0.0220	0.9792	0.0530	0.0298	57	1.62	035.41	0
035	Sodium (%)	0656	1.080	0.0000	0.9792	0.0530	0.0298	57	1.90	035.31	0
035	Sodium (%)	2395	1.080	0.0600	0.9792	0.0530	0.0298	57	1.90	035.41	0
035	Sodium (%)	0876	1.065	0.1700	0.9792	0.0530	0.0298	57	1.62	035.43	1
036	Sulfur (%)	0889	0.7325	0.0050	0.9761	0.0966	0.0293	16	-2.52	036.99	0
036	Sulfur (%)	0510	0.8700	0.0400	0.9761	0.0966	0.0293	16	-1.10	036.43	0
036	Sulfur (%)	0613	0.8800	0.0600	0.9761	0.0966	0.0293	16	-0.99	036.42	0
036	Sulfur (%)	0242	0.8850	0.0100	0.9761	0.0966	0.0293	16	-0.94	036.99	0
036	Sulfur (%)	0910	0.8932	0.0704	0.9761	0.0966	0.0293	16	-0.86	036.42	0
036	Sulfur (%)	0407	0.9489	0.0134	0.9761	0.0966	0.0293	16	-0.28	036.42	0
036	Sulfur (%)	0226	0.9700	0.0000	0.9761	0.0966	0.0293	16	-0.06	036.43	0
036	Sulfur (%)	0407	0.9704	0.0114	0.9761	0.0966	0.0293	16	-0.06	036.43	0
036	Sulfur (%)	0870	0.9999	0.0122	0.9761	0.0966	0.0293	16	0.25	036.42	0
036	Sulfur (%)	0870	1.002	0.0146	0.9761	0.0966	0.0293	16	0.27	036.43	0
036	Sulfur (%)	0164	1.020	0.0000	0.9761	0.0966	0.0293	16	0.45	036.42	0
036	Sulfur (%)	0918	1.031	0.0240	0.9761	0.0966	0.0293	16	0.57	036.43	0
036	Sulfur (%)	0098	1.050	0.0000	0.9761	0.0966	0.0293	16	0.77	036.43	0
036	Sulfur (%)	0001	1.065	0.0700	0.9761	0.0966	0.0293	16	0.92	036.43	0
036	Sulfur (%)	2089	1.080	0.0400	0.9761	0.0966	0.0293	16	1.08	036.43	0
036	Sulfur (%)	0226	1.125	0.0100	0.9761	0.0966	0.0293	16	1.54	036.04	0
037	Zinc (ppm)	1021	46.90	1.860	94.14	12.41	4.710	48	-3.81	037.41	0
037	Zinc (ppm)	2156	63.58	11.46	94.14	12.41	4.710	48	-2.46	037.41	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	
037	Zinc (ppm)	2399	74.47	1.700	94.14	12.41	4.710	48	-1.58	037.41	0
037	Zinc (ppm)	2293	75.05	24.36	94.14	12.41	4.710	48	-1.54	037.41	0
037	Zinc (ppm)	2361	77.37	23.15	94.14	12.41	4.710	48	-1.35	037.41	0
037	Zinc (ppm)	1023	78.17	0.3200	94.14	12.41	4.710	48	-1.29	037.44	0
037	Zinc (ppm)	2330	79.46	24.67	94.14	12.41	4.710	48	-1.18	037.41	0
037	Zinc (ppm)	2252	80.36	29.41	94.14	12.41	4.710	48	-1.11	037.41	0
037	Zinc (ppm)	2408	80.51	29.21	94.14	12.41	4.710	48	-1.10	037.41	0
037	Zinc (ppm)	0870	84.42	2.750	94.14	12.41	4.710	48	-0.78	037.43	0
037	Zinc (ppm)	1024	84.51	0.7000	94.14	12.41	4.710	48	-0.78	037.44	0
037	Zinc (ppm)	0139	84.77	3.250	94.14	12.41	4.710	48	-0.76	037.41	0
037	Zinc (ppm)	1022	86.56	1.620	94.14	12.41	4.710	48	-0.61	037.41	0
037	Zinc (ppm)	0870	86.62	0.2300	94.14	12.41	4.710	48	-0.61	037.42	0
037	Zinc (ppm)	0242	87.50	1.000	94.14	12.41	4.710	48	-0.53	037.99	0
037	Zinc (ppm)	2395	88.13	0.3200	94.14	12.41	4.710	48	-0.48	037.41	0
037	Zinc (ppm)	0510	89.50	1.000	94.14	12.41	4.710	48	-0.37	037.43	0
037	Zinc (ppm)	0028	90.66	14.67	94.14	12.41	4.710	48	-0.28	037.43	0
037	Zinc (ppm)	0511	91.00	4.000	94.14	12.41	4.710	48	-0.25	037.43	0
037	Zinc (ppm)	2409	92.21	1.244	94.14	12.41	4.710	48	-0.16	037.53	0
037	Zinc (ppm)	0171	92.55	0.5000	94.14	12.41	4.710	48	-0.13	037.41	0
037	Zinc (ppm)	0619	92.75	0.5000	94.14	12.41	4.710	48	-0.11	037.41	0
037	Zinc (ppm)	0613	93.43	8.820	94.14	12.41	4.710	48	-0.06	037.42	0
037	Zinc (ppm)	0098	96.79	1.950	94.14	12.41	4.710	48	0.21	037.41	0
037	Zinc (ppm)	0051	97.01	1.300	94.14	12.41	4.710	48	0.23	037.43	0
037	Zinc (ppm)	0226	97.90	1.860	94.14	12.41	4.710	48	0.30	037.43	0
037	Zinc (ppm)	0226	98.03	1.010	94.14	12.41	4.710	48	0.31	037.41	0
037	Zinc (ppm)	0164	98.50	3.000	94.14	12.41	4.710	48	0.35	037.41	0
037	Zinc (ppm)	2219	99.22	29.56	94.14	12.41	4.710	48	0.41	037.41	0
037	Zinc (ppm)	0407	99.92	0.3968	94.14	12.41	4.710	48	0.47	037.43	0
037	Zinc (ppm)	0407	100.0	5.835	94.14	12.41	4.710	48	0.48	037.53	0
037	Zinc (ppm)	0529	100.5	1.000	94.14	12.41	4.710	48	0.51	037.31	0
037	Zinc (ppm)	0010	100.5	2.800	94.14	12.41	4.710	48	0.51	037.43	0
037	Zinc (ppm)	2124	100.9	9.410	94.14	12.41	4.710	48	0.54	037.43	0
037	Zinc (ppm)	0027	101.1	0.2120	94.14	12.41	4.710	48	0.56	037.43	0
037	Zinc (ppm)	2033	101.6	0.0000	94.14	12.41	4.710	48	0.60	037.43	0
037	Zinc (ppm)	0918	101.7	5.190	94.14	12.41	4.710	48	0.61	037.43	0
037	Zinc (ppm)	0407	102.0	5.535	94.14	12.41	4.710	48	0.63	037.41	0
037	Zinc (ppm)	2089	102.1	1.060	94.14	12.41	4.710	48	0.64	037.43	0
037	Zinc (ppm)	2362	103.6	19.95	94.14	12.41	4.710	48	0.76	037.41	0
037	Zinc (ppm)	0001	103.8	0.6000	94.14	12.41	4.710	48	0.78	037.31	0
037	Zinc (ppm)	0001	105.5	5.000	94.14	12.41	4.710	48	0.92	037.43	0
037	Zinc (ppm)	0656	106.7	0.0000	94.14	12.41	4.710	48	1.01	037.31	0
037	Zinc (ppm)	0910	109.5	3.000	94.14	12.41	4.710	48	1.24	037.41	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
037	Zinc (ppm)	0098	110.8	4.900	94.14	12.41	4.710	48	1.34	037.43	0
037	Zinc (ppm)	0876	116.3	15.69	94.14	12.41	4.710	48	1.78	037.43	0
037	Zinc (ppm)	2220	119.1	1.000	94.14	12.41	4.710	48	2.01	037.41	0
037	Zinc (ppm)	0504	126.0	6.000	94.14	12.41	4.710	48	2.57	037.42	0
037	Zinc (ppm)	0074	138.5	45.00	94.14	12.41	4.710	48	3.57	037.41	1
037	Zinc (ppm)	0889	641.7	1.900	94.14	12.41	4.710	48	44.12	037.99	2
038	Molybdenum (ppm)	0910	0.2650	0.0300	0.3728	0.0880	0.0510	6	-1.22	038.41	0
038	Molybdenum (ppm)	0407	0.3125	0.0061	0.3728	0.0880	0.0510	6	-0.69	038.41	0
038	Molybdenum (ppm)	0510	0.3500	0.1000	0.3728	0.0880	0.0510	6	-0.26	038.43	0
038	Molybdenum (ppm)	0164	0.3990	0.0020	0.3728	0.0880	0.0510	6	0.30	038.51	0
038	Molybdenum (ppm)	0407	0.4482	0.1365	0.3728	0.0880	0.0510	6	0.86	038.43	0
038	Molybdenum (ppm)	0407	0.4621	0.0315	0.3728	0.0880	0.0510	6	1.01	038.53	0
040	Barium (ppm)	0407	11.58	0.3046				1		040.53	0
041	Vanadium (ppm)	0407	4.152	0.1754				1		041.53	0
042	Chloride (%)	0227	1.415	0.0100				1		042.02	0
101	Choline Chloride (ppm)	0160	2,180	0.0000				2		101.99	0
101	Choline Chloride (ppm)	0051	2,549	160.0				2		101.99	0
102	Niacin (ppm)	0227	115.0	8.000				1		102.01	0
104	Riboflavin (ppm)	0227	1.086	0.4880				2		104.00	0
104	Riboflavin (ppm)	0171	1.275	0.0500				2		104.03	0
105	Thiamine (ppm)	0227	< 0.5					0		105.01	5
107	Vitamin B12 (ppb)	0227	319.0	34.00				1		107.00	0
109	Vitamin E (IU / kg)	0619	8.000	0.0000				1		109.02	0
112	Pyridoxine (µg / g)	2250	0.0560	0.0060				2		112.01	0
112	Pyridoxine (µg / g)	0227	1.390	0.0000				2		112.01	0
120	Alanine (%)	0889	0.5900	0.0000	3.823	0.2888	0.0827	11	-11.19	120.99	0
120	Alanine (%)	0242	2.730	0.0200	3.823	0.2888	0.0827	11	-3.78	120.05	0
120	Alanine (%)	0619	3.625	0.0500	3.823	0.2888	0.0827	11	-0.68	120.00	0
120	Alanine (%)	0910	3.825	0.0300	3.823	0.2888	0.0827	11	0.01	120.00	0
120	Alanine (%)	0171	3.900	0.0400	3.823	0.2888	0.0827	11	0.27	120.00	0
120	Alanine (%)	0226	3.903	0.0223	3.823	0.2888	0.0827	11	0.28	120.00	0
120	Alanine (%)	0407	3.912	0.0050	3.823	0.2888	0.0827	11	0.31	120.05	0
120	Alanine (%)	0504	3.925	0.1500	3.823	0.2888	0.0827	11	0.35	120.00	0
120	Alanine (%)	2428	3.935	0.3500	3.823	0.2888	0.0827	11	0.39	120.99	0
120	Alanine (%)	0227	4.050	0.0000	3.823	0.2888	0.0827	11	0.79	120.00	0
120	Alanine (%)	0870	4.196	0.1990	3.823	0.2888	0.0827	11	1.29	120.05	0
121	Arginine (%)	0242	2.970	0.0200	3.700	0.3622	0.0470	11	-2.01	121.05	0
121	Arginine (%)	0226	3.390	0.0035	3.700	0.3622	0.0470	11	-0.86	121.00	0
121	Arginine (%)	0619	3.415	0.0300	3.700	0.3622	0.0470	11	-0.79	121.00	0
121	Arginine (%)	0910	3.500	0.0400	3.700	0.3622	0.0470	11	-0.55	121.00	0
121	Arginine (%)	0870	3.684	0.0460	3.700	0.3622	0.0470	11	-0.04	121.05	0
121	Arginine (%)	0504	3.705	0.2300	3.700	0.3622	0.0470	11	0.01	121.00	0

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121	Arginine (%)	0227	3.720	0.0200	3.700	0.3622	0.0470	11	0.06	121.00	0
121	Arginine (%)	0407	3.904	0.0058	3.700	0.3622	0.0470	11	0.56	121.05	0
121	Arginine (%)	2428	3.985	0.0900	3.700	0.3622	0.0470	11	0.79	121.99	0
121	Arginine (%)	0171	3.995	0.1500	3.700	0.3622	0.0470	11	0.82	121.00	0
121	Arginine (%)	0889	4.665	0.0200	3.700	0.3622	0.0470	11	2.67	121.99	0
122	Aspartic (%)	0242	3.305	0.1100	5.227	0.5538	0.0998	10	-3.47	122.05	0
122	Aspartic (%)	0889	3.903	0.0050	5.227	0.5538	0.0998	10	-2.39	122.99	0
122	Aspartic (%)	0619	5.105	0.0300	5.227	0.5538	0.0998	10	-0.22	122.00	0
122	Aspartic (%)	0910	5.255	0.0500	5.227	0.5538	0.0998	10	0.05	122.00	0
122	Aspartic (%)	0226	5.255	0.0933	5.227	0.5538	0.0998	10	0.05	122.00	0
122	Aspartic (%)	0504	5.360	0.2800	5.227	0.5538	0.0998	10	0.24	122.00	0
122	Aspartic (%)	0870	5.455	0.2160	5.227	0.5538	0.0998	10	0.41	122.05	0
122	Aspartic (%)	0227	5.510	0.0000	5.227	0.5538	0.0998	10	0.51	122.00	0
122	Aspartic (%)	0407	5.687	0.0012	5.227	0.5538	0.0998	10	0.83	122.05	0
122	Aspartic (%)	0171	5.850	0.1400	5.227	0.5538	0.0998	10	1.12	122.00	0
122	Aspartic (%)	2428	5.280	1.000	5.227	0.5538	0.0998	10	0.10	122.99	1
124	Cysteine/Cystine (%)	0242	0.3800	0.0000	0.4833	0.0782	0.0241	11	-1.32	124.05	0
124	Cysteine/Cystine (%)	0227	0.4150	0.0500	0.4833	0.0782	0.0241	11	-0.87	124.00	0
124	Cysteine/Cystine (%)	0226	0.4375	0.0029	0.4833	0.0782	0.0241	11	-0.59	124.00	0
124	Cysteine/Cystine (%)	0910	0.4500	0.0000	0.4833	0.0782	0.0241	11	-0.43	124.00	0
124	Cysteine/Cystine (%)	0619	0.4595	0.0190	0.4833	0.0782	0.0241	11	-0.30	124.00	0
124	Cysteine/Cystine (%)	0171	0.4800	0.0000	0.4833	0.0782	0.0241	11	-0.04	124.00	0
124	Cysteine/Cystine (%)	2428	0.4850	0.0300	0.4833	0.0782	0.0241	11	0.02	124.99	0
124	Cysteine/Cystine (%)	0504	0.5000	0.0400	0.4833	0.0782	0.0241	11	0.21	124.00	0
124	Cysteine/Cystine (%)	0407	0.5084	0.0028	0.4833	0.0782	0.0241	11	0.32	124.05	0
124	Cysteine/Cystine (%)	0870	0.9620	0.0240	0.4833	0.0782	0.0241	11	6.12	124.05	0
124	Cysteine/Cystine (%)	0889	1.490	0.0000	0.4833	0.0782	0.0241	11	12.87	124.99	0
125	Glutamic (%)	0889	4.260	0.0100	7.667	0.7195	0.1207	11	-4.73	125.99	0
125	Glutamic (%)	0242	5.005	0.1100	7.667	0.7195	0.1207	11	-3.70	125.05	0
125	Glutamic (%)	0619	7.160	0.1200	7.667	0.7195	0.1207	11	-0.70	125.00	0
125	Glutamic (%)	0407	7.605	0.0080	7.667	0.7195	0.1207	11	-0.09	125.05	0
125	Glutamic (%)	0910	7.640	0.0800	7.667	0.7195	0.1207	11	-0.04	125.00	0
125	Glutamic (%)	0504	7.910	0.2600	7.667	0.7195	0.1207	11	0.34	125.00	0
125	Glutamic (%)	0171	8.010	0.0400	7.667	0.7195	0.1207	11	0.48	125.00	0
125	Glutamic (%)	0226	8.104	0.0826	7.667	0.7195	0.1207	11	0.61	125.00	0
125	Glutamic (%)	2428	8.135	0.6100	7.667	0.7195	0.1207	11	0.65	125.99	0
125	Glutamic (%)	0227	8.135	0.0100	7.667	0.7195	0.1207	11	0.65	125.00	0
125	Glutamic (%)	0870	8.459	0.2900	7.667	0.7195	0.1207	11	1.10	125.05	0
126	Glycine (%)	0242	3.770	0.0200	4.662	0.4497	0.0368	10	-1.98	126.05	0
126	Glycine (%)	0619	4.180	0.2200	4.662	0.4497	0.0368	10	-1.07	126.00	0
126	Glycine (%)	0889	4.300	0.0100	4.662	0.4497	0.0368	10	-0.80	126.99	0
126	Glycine (%)	0910	4.525	0.0300	4.662	0.4497	0.0368	10	-0.30	126.00	0

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126	Glycine (%)	0226	4.725	0.0228	4.662	0.4497	0.0368	10	0.14	126.00	0
126	Glycine (%)	0504	4.860	0.0000	4.662	0.4497	0.0368	10	0.44	126.00	0
126	Glycine (%)	0870	4.877	0.0940	4.662	0.4497	0.0368	10	0.48	126.05	0
126	Glycine (%)	0227	4.975	0.0300	4.662	0.4497	0.0368	10	0.70	126.00	0
126	Glycine (%)	0171	5.005	0.0300	4.662	0.4497	0.0368	10	0.76	126.00	0
126	Glycine (%)	0407	5.185	0.0070	4.662	0.4497	0.0368	10	1.16	126.05	0
126	Glycine (%)	2428	4.825	1.250	4.662	0.4497	0.0368	10	0.36	126.99	1
127	Histidine (%)	0242	1.075	0.0100	1.378	0.1498	0.0168	10	-2.02	127.05	0
127	Histidine (%)	0226	1.200	0.0085	1.378	0.1498	0.0168	10	-1.18	127.00	0
127	Histidine (%)	0910	1.335	0.0100	1.378	0.1498	0.0168	10	-0.28	127.00	0
127	Histidine (%)	0171	1.360	0.0000	1.378	0.1498	0.0168	10	-0.12	127.00	0
127	Histidine (%)	0227	1.365	0.0100	1.378	0.1498	0.0168	10	-0.08	127.00	0
127	Histidine (%)	0619	1.385	0.0900	1.378	0.1498	0.0168	10	0.05	127.00	0
127	Histidine (%)	0504	1.410	0.1000	1.378	0.1498	0.0168	10	0.22	127.00	0
127	Histidine (%)	0870	1.476	0.0180	1.378	0.1498	0.0168	10	0.66	127.05	0
127	Histidine (%)	0407	1.489	0.0032	1.378	0.1498	0.0168	10	0.75	127.05	0
127	Histidine (%)	0889	4.300	0.0100	1.378	0.1498	0.0168	10	19.51	127.99	0
127	Histidine (%)	2428	1.280	0.3000	1.378	0.1498	0.0168	10	-0.65	127.99	1
128	Isoleucine (%)	0242	1.300	0.0000	2.310	0.2331	0.0417	9	-4.33	128.05	0
128	Isoleucine (%)	0226	2.029	0.0093	2.310	0.2331	0.0417	9	-1.20	128.00	0
128	Isoleucine (%)	0910	2.245	0.0100	2.310	0.2331	0.0417	9	-0.28	128.00	0
128	Isoleucine (%)	0619	2.255	0.0500	2.310	0.2331	0.0417	9	-0.23	128.00	0
128	Isoleucine (%)	0171	2.410	0.0400	2.310	0.2331	0.0417	9	0.43	128.00	0
128	Isoleucine (%)	0227	2.425	0.0100	2.310	0.2331	0.0417	9	0.50	128.00	0
128	Isoleucine (%)	0870	2.441	0.0990	2.310	0.2331	0.0417	9	0.56	128.05	0
128	Isoleucine (%)	0407	2.447	0.0055	2.310	0.2331	0.0417	9	0.59	128.05	0
128	Isoleucine (%)	0504	2.575	0.1100	2.310	0.2331	0.0417	9	1.14	128.00	0
128	Isoleucine (%)	2428	2.190	0.3800	2.310	0.2331	0.0417	9	-0.51	128.99	1
129	Leucine (%)	0889	1.363	0.0050	4.062	0.2996	0.0795	10	-9.01	129.99	0
129	Leucine (%)	0242	2.925	0.0100	4.062	0.2996	0.0795	10	-3.79	129.05	0
129	Leucine (%)	0910	3.955	0.0300	4.062	0.2996	0.0795	10	-0.36	129.00	0
129	Leucine (%)	0226	4.006	0.0635	4.062	0.2996	0.0795	10	-0.19	129.00	0
129	Leucine (%)	0171	4.135	0.0900	4.062	0.2996	0.0795	10	0.24	129.00	0
129	Leucine (%)	0504	4.190	0.2600	4.062	0.2996	0.0795	10	0.43	129.00	0
129	Leucine (%)	0407	4.233	0.0043	4.062	0.2996	0.0795	10	0.57	129.05	0
129	Leucine (%)	0227	4.285	0.0300	4.062	0.2996	0.0795	10	0.74	129.00	0
129	Leucine (%)	2428	4.290	0.2600	4.062	0.2996	0.0795	10	0.76	129.99	0
129	Leucine (%)	0870	4.302	0.1170	4.062	0.2996	0.0795	10	0.80	129.05	0
129	Leucine (%)	0619	3.325	1.130	4.062	0.2996	0.0795	10	-2.46	129.00	1
130	L-Lysine (%)	0889	2.508	0.0050	4.393	0.5319	0.0585	11	-3.54	130.99	0
130	L-Lysine (%)	0242	2.565	0.0100	4.393	0.5319	0.0585	11	-3.44	130.05	0
130	L-Lysine (%)	0226	4.184	0.0319	4.393	0.5319	0.0585	11	-0.39	130.00	0

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130	L-Lysine (%)	2428	4.290	0.2400	4.393	0.5319	0.0585	11	-0.19	130.99	0
130	L-Lysine (%)	0910	4.335	0.0300	4.393	0.5319	0.0585	11	-0.11	130.00	0
130	L-Lysine (%)	0619	4.365	0.1300	4.393	0.5319	0.0585	11	-0.05	130.00	0
130	L-Lysine (%)	0407	4.623	0.0010	4.393	0.5319	0.0585	11	0.43	130.05	0
130	L-Lysine (%)	0870	4.669	0.0360	4.393	0.5319	0.0585	11	0.52	130.05	0
130	L-Lysine (%)	0227	4.845	0.0100	4.393	0.5319	0.0585	11	0.85	130.00	0
130	L-Lysine (%)	0171	4.905	0.0500	4.393	0.5319	0.0585	11	0.96	130.00	0
130	L-Lysine (%)	0504	4.915	0.2700	4.393	0.5319	0.0585	11	0.98	130.00	0
131	Methionine (%)	0171	1.370	0.0800	1.543	0.0938	0.0614	10	-1.84	131.00	0
131	Methionine (%)	0870	1.474	0.0920	1.543	0.0938	0.0614	10	-0.73	131.05	0
131	Methionine (%)	0226	1.482	0.0509	1.543	0.0938	0.0614	10	-0.64	131.00	0
131	Methionine (%)	0407	1.505	0.0083	1.543	0.0938	0.0614	10	-0.40	131.05	0
131	Methionine (%)	0242	1.510	0.0000	1.543	0.0938	0.0614	10	-0.35	131.05	0
131	Methionine (%)	0227	1.575	0.0900	1.543	0.0938	0.0614	10	0.34	131.00	0
131	Methionine (%)	0619	1.575	0.0300	1.543	0.0938	0.0614	10	0.34	131.00	0
131	Methionine (%)	0910	1.600	0.0400	1.543	0.0938	0.0614	10	0.61	131.00	0
131	Methionine (%)	0504	1.620	0.1000	1.543	0.0938	0.0614	10	0.82	131.00	0
131	Methionine (%)	0889	2.925	0.0000	1.543	0.0938	0.0614	10	14.74	131.99	0
131	Methionine (%)	2428	1.255	0.6100	1.543	0.0938	0.0614	10	-3.07	131.99	1
132	Phenylalanine (%)	0242	1.795	0.0100	2.252	0.1813	0.0211	10	-2.52	132.05	0
132	Phenylalanine (%)	0226	2.110	0.0183	2.252	0.1813	0.0211	10	-0.79	132.00	0
132	Phenylalanine (%)	2428	2.150	0.0800	2.252	0.1813	0.0211	10	-0.56	132.99	0
132	Phenylalanine (%)	0910	2.215	0.0100	2.252	0.1813	0.0211	10	-0.21	132.00	0
132	Phenylalanine (%)	0619	2.225	0.0100	2.252	0.1813	0.0211	10	-0.15	132.00	0
132	Phenylalanine (%)	0171	2.240	0.0400	2.252	0.1813	0.0211	10	-0.07	132.00	0
132	Phenylalanine (%)	0870	2.273	0.0270	2.252	0.1813	0.0211	10	0.11	132.05	0
132	Phenylalanine (%)	0227	2.360	0.0000	2.252	0.1813	0.0211	10	0.59	132.00	0
132	Phenylalanine (%)	0407	2.446	0.0058	2.252	0.1813	0.0211	10	1.07	132.05	0
132	Phenylalanine (%)	0889	2.820	0.0000	2.252	0.1813	0.0211	10	3.13	132.99	0
132	Phenylalanine (%)	0504	2.325	0.1900	2.252	0.1813	0.0211	10	0.40	132.00	1
133	Proline (%)	0889	2.240	0.0000	2.851	0.4106	0.0421	11	-1.49	133.99	0
133	Proline (%)	0242	2.255	0.0100	2.851	0.4106	0.0421	11	-1.45	133.05	0
133	Proline (%)	2428	2.715	0.1700	2.851	0.4106	0.0421	11	-0.33	133.99	0
133	Proline (%)	0910	2.775	0.0300	2.851	0.4106	0.0421	11	-0.18	133.00	0
133	Proline (%)	0171	2.830	0.0200	2.851	0.4106	0.0421	11	-0.05	133.00	0
133	Proline (%)	0226	2.911	0.0130	2.851	0.4106	0.0421	11	0.15	133.00	0
133	Proline (%)	0504	2.920	0.0000	2.851	0.4106	0.0421	11	0.17	133.00	0
133	Proline (%)	0227	3.010	0.0400	2.851	0.4106	0.0421	11	0.39	133.00	0
133	Proline (%)	0870	3.078	0.0960	2.851	0.4106	0.0421	11	0.55	133.05	0
133	Proline (%)	0407	3.157	0.0040	2.851	0.4106	0.0421	11	0.75	133.05	0
133	Proline (%)	0619	4.260	0.0600	2.851	0.4106	0.0421	11	3.43	133.00	0
134	Serine (%)	0889	0.5975	0.0050	2.274	0.2415	0.0674	11	-6.94	134.99	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	
134	Serine (%)	0242	1.995	0.0100	2.274	0.2415	0.0674	11	-1.16	134.05	0
134	Serine (%)	0504	2.015	0.1700	2.274	0.2415	0.0674	11	-1.07	134.00	0
134	Serine (%)	0910	2.285	0.0300	2.274	0.2415	0.0674	11	0.04	134.00	0
134	Serine (%)	0619	2.305	0.1300	2.274	0.2415	0.0674	11	0.13	134.00	0
134	Serine (%)	2428	2.325	0.1700	2.274	0.2415	0.0674	11	0.21	134.99	0
134	Serine (%)	0226	2.332	0.0757	2.274	0.2415	0.0674	11	0.24	134.00	0
134	Serine (%)	0227	2.370	0.0200	2.274	0.2415	0.0674	11	0.40	134.00	0
134	Serine (%)	0870	2.413	0.0850	2.274	0.2415	0.0674	11	0.57	134.05	0
134	Serine (%)	0171	2.470	0.0400	2.274	0.2415	0.0674	11	0.81	134.00	0
134	Serine (%)	0407	2.596	0.0062	2.274	0.2415	0.0674	11	1.33	134.05	0
135	Threonine (%)	0889	1.720	0.0000	2.273	0.3254	0.0561	11	-1.70	135.99	0
135	Threonine (%)	0242	1.820	0.0000	2.273	0.3254	0.0561	11	-1.39	135.05	0
135	Threonine (%)	0407	2.086	0.0047	2.273	0.3254	0.0561	11	-0.58	135.05	0
135	Threonine (%)	2428	2.195	0.1300	2.273	0.3254	0.0561	11	-0.24	135.99	0
135	Threonine (%)	0226	2.240	0.0311	2.273	0.3254	0.0561	11	-0.10	135.00	0
135	Threonine (%)	0504	2.375	0.1700	2.273	0.3254	0.0561	11	0.31	135.00	0
135	Threonine (%)	0619	2.375	0.0300	2.273	0.3254	0.0561	11	0.31	135.00	0
135	Threonine (%)	0910	2.405	0.0300	2.273	0.3254	0.0561	11	0.41	135.00	0
135	Threonine (%)	0227	2.490	0.0200	2.273	0.3254	0.0561	11	0.67	135.00	0
135	Threonine (%)	0870	2.521	0.0570	2.273	0.3254	0.0561	11	0.76	135.05	0
135	Threonine (%)	0171	2.710	0.0000	2.273	0.3254	0.0561	11	1.34	135.00	0
136	Tryptophan (%)	2428	0.1600	0.0400	0.5478	0.1454	0.0202	8	-2.67	136.99	0
136	Tryptophan (%)	0889	0.3800	0.0000	0.5478	0.1454	0.0202	8	-1.15	136.99	0
136	Tryptophan (%)	0226	0.5592	0.0203	0.5478	0.1454	0.0202	8	0.08	136.03	0
136	Tryptophan (%)	0619	0.5615	0.0470	0.5478	0.1454	0.0202	8	0.09	136.00	0
136	Tryptophan (%)	0407	0.5704	0.0008	0.5478	0.1454	0.0202	8	0.16	136.05	0
136	Tryptophan (%)	0227	0.6450	0.0100	0.5478	0.1454	0.0202	8	0.67	136.00	0
136	Tryptophan (%)	0504	0.6650	0.0100	0.5478	0.1454	0.0202	8	0.81	136.99	0
136	Tryptophan (%)	0870	0.6715	0.0130	0.5478	0.1454	0.0202	8	0.85	136.05	0
137	Tyrosine (%)	0889	0.3800	0.0000	1.620	0.3015	0.0636	10	-4.11	137.99	0
137	Tyrosine (%)	0910	1.270	0.0800	1.620	0.3015	0.0636	10	-1.16	137.00	0
137	Tyrosine (%)	0242	1.350	0.0000	1.620	0.3015	0.0636	10	-0.90	137.05	0
137	Tyrosine (%)	0870	1.643	0.0240	1.620	0.3015	0.0636	10	0.08	137.05	0
137	Tyrosine (%)	0226	1.646	0.0022	1.620	0.3015	0.0636	10	0.09	137.00	0
137	Tyrosine (%)	2428	1.710	0.2200	1.620	0.3015	0.0636	10	0.30	137.99	0
137	Tyrosine (%)	0227	1.785	0.0100	1.620	0.3015	0.0636	10	0.55	137.00	0
137	Tyrosine (%)	0504	1.835	0.1700	1.620	0.3015	0.0636	10	0.71	137.00	0
137	Tyrosine (%)	0407	1.894	0.0065	1.620	0.3015	0.0636	10	0.91	137.05	0
137	Tyrosine (%)	0171	1.900	0.0200	1.620	0.3015	0.0636	10	0.93	137.00	0
138	Valine (%)	0242	1.590	0.0000	2.674	0.2964	0.0966	10	-3.66	138.05	0
138	Valine (%)	2428	2.340	0.2200	2.674	0.2964	0.0966	10	-1.13	138.99	0
138	Valine (%)	0910	2.530	0.0600	2.674	0.2964	0.0966	10	-0.49	138.00	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	
138	Valine (%)	0619	2.550	0.1000	2.674	0.2964	0.0966	10	-0.42	138.00	0
138	Valine (%)	0226	2.622	0.0875	2.674	0.2964	0.0966	10	-0.18	138.00	0
138	Valine (%)	0171	2.770	0.0400	2.674	0.2964	0.0966	10	0.32	138.00	0
138	Valine (%)	0227	2.870	0.0200	2.674	0.2964	0.0966	10	0.66	138.00	0
138	Valine (%)	0504	2.925	0.2300	2.674	0.2964	0.0966	10	0.85	138.00	0
138	Valine (%)	0870	2.940	0.1090	2.674	0.2964	0.0966	10	0.89	138.05	0
138	Valine (%)	0407	2.968	0.0030	2.674	0.2964	0.0966	10	0.99	138.05	0
139	Taurine (%)	0407	0.5081	0.0021				3		139.05	0
139	Taurine (%)	0504	0.5900	0.0400				3		139.00	0
139	Taurine (%)	0171	0.6150	0.0100				3		139.00	0
357	Ethoxyquin (ppm)	0171	700.5	9.000				1		357.99	0
400	Water Activity (Units)	0619	0.4955	0.0090				2		400.99	0
400	Water Activity (Units)	0407	0.5347	0.0047				2		400.01	0
516	Arsenic, Total (As) (ppm)	2124	3.580	0.2000				3		516.43	0
516	Arsenic, Total (As) (ppm)	0227	3.895	0.3100				3		516.53	0
516	Arsenic, Total (As) (ppm)	0407	4.009	0.3237				3		516.53	0
518	Cadmium (ppm)	0227	0.1050	0.0000	0.1086	0.0033	0.0094	4		518.53	0
518	Cadmium (ppm)	0407	0.1068	0.0033	0.1086	0.0033	0.0094	4		518.41	0
518	Cadmium (ppm)	0407	0.1109	0.0076	0.1086	0.0033	0.0094	4		518.53	0
518	Cadmium (ppm)	0407	0.1119	0.0172	0.1086	0.0033	0.0094	4		518.43	0
518	Cadmium (ppm)	2124	< 0.16		0.1086	0.0033	0.0094	4		518.43	5
520	Chromium, Total (Cr) (ppm)	0407	3.551	0.2728	4.494	0.7252	0.3130	5		520.41	0
520	Chromium, Total (Cr) (ppm)	0407	4.073	0.2611	4.494	0.7252	0.3130	5		520.43	0
520	Chromium, Total (Cr) (ppm)	0510	4.570	0.1600	4.494	0.7252	0.3130	5		520.43	0
520	Chromium, Total (Cr) (ppm)	0407	4.822	0.4809	4.494	0.7252	0.3130	5		520.53	0
520	Chromium, Total (Cr) (ppm)	0226	5.455	0.3900	4.494	0.7252	0.3130	5		520.43	0
526	Lead (ppm)	0407	1.381	0.0231	1.493	0.1267	0.0877	4		526.41	0
526	Lead (ppm)	0407	1.400	0.0518	1.493	0.1267	0.0877	4		526.43	0
526	Lead (ppm)	0227	1.540	0.1000	1.493	0.1267	0.0877	4		526.53	0
526	Lead (ppm)	0407	1.650	0.1759	1.493	0.1267	0.0877	4		526.53	0
529	Mercury (ppb)	0407	53.63	0.7126				1		529.99	0
539	Nickel (ppm)	0407	1.653	0.0373	2.106	0.4524	0.0824	4		539.41	0
539	Nickel (ppm)	0407	1.788	0.0518	2.106	0.4524	0.0824	4		539.43	0
539	Nickel (ppm)	0407	2.417	0.0903	2.106	0.4524	0.0824	4		539.53	0
539	Nickel (ppm)	0226	2.565	0.1500	2.106	0.4524	0.0824	4		539.43	0
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))	0171	0.6200	0.0200				2		714.99	0
714	Myristic Acid (14:0) (%) (w/w))	0164	0.7445	0.0110				2		714.99	0

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716	Palmitic Acid (16:0) (% (w/w))	0171	1.880	0.0000				2	716.99	0	
716	Palmitic Acid (16:0) (% (w/w))	0164	1.950	0.0520				2	716.99	0	
718	Palmitoleic Acid (9c-16:1) (% (w/w))	0171	0.8500	0.0200				2	718.99	0	
718	Palmitoleic Acid (9c-16:1) (% (w/w))	0164	0.9175	0.0090				2	718.99	0	
720	Margaric acid (17:0) (% (w/w))	0164	0.0665	0.0030				2	720.99	0	
720	Margaric acid (17:0) (% (w/w))	0171	0.0700	0.0000				2	720.99	0	
722	Stearic Acid (18:0) (% (w/w))	0171	0.3450	0.0100				2	722.99	0	
722	Stearic Acid (18:0) (% (w/w))	0164	0.3725	0.0170				2	722.99	0	
724	Oleic Acid (9c-18:1) (% (w/w))	0164	0.4370	0.0060				2	724.99	0	
724	Oleic Acid (9c-18:1) (% (w/w))	0171	0.6300	0.0000				2	724.99	0	
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	0171	0.1200	0.0000				2	726.99	0	
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	0164	0.1260	0.0020				2	726.99	0	
728	alpha-Linolenic Acid (9c,12c,15c-18:3)	0171	0.1150	0.0100				2	728.99	0	
728	alpha-Linolenic Acid (9c,12c,15c-18:3)	0164	0.1185	0.0050				2	728.99	0	
730	Arachidic Acid (20:0) (% (w/w))	0164	0.0225	0.0010				1	730.99	0	
732	Gondoic Acid (11c-20:1) (% (w/w))	0164	0.0425	0.0010				2	732.99	0	
732	Gondoic Acid (11c-20:1) (% (w/w))	0171	0.0550	0.0100				2	732.99	0	
736	Arachidonic Acid (5c,8c,11c,14c-20:4)	0164	0.1345	0.0090				2	736.99	0	
736	Arachidonic Acid (5c,8c,11c,14c-20:4)	0171	0.1950	0.0100				2	736.99	0	
738	Mead Acid (11c,14c,17c-20:3) (% (w/	0171	0.0300	0.0000				1	738.99	0	
740	Eicosapentaenoic Acid EPA (5c,8c,11	0171	0.6500	0.0200				2	740.99	0	
740	Eicosapentaenoic Acid EPA (5c,8c,11	0164	0.7610	0.0320				2	740.99	0	
742	Behenic Acid (22:0) (% (w/w))	0171	0.0200	0.0000				2	742.99	0	
742	Behenic Acid (22:0) (% (w/w))	0164	0.0205	0.0010				2	742.99	0	
744	Erucic Acid (13c-22:1) (% (w/w))	0171	0.0000	0.0000				0	744.99	4	
744	Erucic Acid (13c-22:1) (% (w/w))	0164	< 0.02					0	744.99	5	
746	Docosapentaenoic Acid n-3 DPA (7c,1	0164	0.1620	0.0100				2	746.99	0	
746	Docosapentaenoic Acid n-3 DPA (7c,1	0171	0.2000	0.0000				2	746.99	0	
748	Lignoceric Acid (24:0) (% (w/w))	0171	0.0200	0.0000				2	748.99	0	
748	Lignoceric Acid (24:0) (% (w/w))	0164	0.0270	0.0020				2	748.99	0	
750	Docosahexaenoic Acid DHA (4c,7c,10	0171	0.7850	0.0100				2	750.99	0	
750	Docosahexaenoic Acid DHA (4c,7c,10	0164	0.9035	0.0450				2	750.99	0	
752	Nervonic Acid (24:1) isomers (% (w/w	0171	0.0200	0.0000				2	752.99	0	
752	Nervonic Acid (24:1) isomers (% (w/w	0164	0.0425	0.0050				2	752.99	0	
754	Total n-3 Polyunsaturated (Omega-3)	0171	1.930	0.0600				2	754.99	0	
754	Total n-3 Polyunsaturated (Omega-3)	0164	2.259	0.1030				2	754.99	0	
756	Total n-6 Polyunsaturated (Omega-6)	0171	0.3550	0.0100				2	756.99	0	
756	Total n-6 Polyunsaturated (Omega-6)	0164	0.4110	0.0160				2	756.99	0	
758	Total Saturated Fatty Acids (% (w/w))	0171	3.055	0.0100				2	758.99	0	
758	Total Saturated Fatty Acids (% (w/w))	0164	3.309	0.0800				2	758.99	0	
762	Total Monounsaturated Fatty Acids (%	0171	1.605	0.0100				1	762.99	0	
764	Total cis Monounsaturated Fatty Acids	0164	1.859	0.0310				1	764.99	0	

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766	Total Polyunsaturated Fatty Acids (%)	0171	2.560	0.0200				1	766.99	0	
768	Total cis Polyunsaturated Fatty Acids	0164	3.012	0.1320				1	768.99	0	
770	Total Fat (equivalent to NLEA) (%) (w/\	0164	8.696	0.2400				1	770.99	0	
772	Total Fatty Acids (%) (w/w))	2250	2.150	0.1000				3	772.99	0	
772	Total Fatty Acids (%) (w/w))	0164	8.309	0.2300				3	772.99	0	
772	Total Fatty Acids (%) (w/w))	0918	10.63	0.0900				3	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) 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.