



AAFCO
Proficiency Testing Program



Brewers Dried Yeast

Pet Food Scheme

Labs Reporting: 49

Test Material Code # 201843

Analyte Proficiency Testing Report

Issue Date : 09/30/2018

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
001	Loss on Drying (%)	0845	4.6250	0.33000	5.4152	0.51897	0.14186	22	-1.52	001.07	0
001	Loss on Drying (%)	0630	4.7350	0.07000	5.4152	0.51897	0.14186	22	-1.31	001.99	0
001	Loss on Drying (%)	2124	4.7500	0.02000	5.4152	0.51897	0.14186	22	-1.28	001.03	0
001	Loss on Drying (%)	0510	4.9500	0.30000	5.4152	0.51897	0.14186	22	-0.90	001.99	0
001	Loss on Drying (%)	0034	4.9550	0.03000	5.4152	0.51897	0.14186	22	-0.89	001.99	0
001	Loss on Drying (%)	0407	4.9639	0.01000	5.4152	0.51897	0.14186	22	-0.87	001.07	0
001	Loss on Drying (%)	0309	5.2130	0.04600	5.4152	0.51897	0.14186	22	-0.39	001.00	0
001	Loss on Drying (%)	0098	5.2600	0.24000	5.4152	0.51897	0.14186	22	-0.30	001.07	0
001	Loss on Drying (%)	0028	5.3100	0.16000	5.4152	0.51897	0.14186	22	-0.20	001.07	0
001	Loss on Drying (%)	2187	5.3250	0.01000	5.4152	0.51897	0.14186	22	-0.17	001.07	0
001	Loss on Drying (%)	0873	5.4350	0.03000	5.4152	0.51897	0.14186	22	0.04	001.07	0
001	Loss on Drying (%)	0504	5.4500	0.26000	5.4152	0.51897	0.14186	22	0.07	001.00	0
001	Loss on Drying (%)	0889	5.4800	0.32000	5.4152	0.51897	0.14186	22	0.12	001.99	0
001	Loss on Drying (%)	0171	5.5350	0.21000	5.4152	0.51897	0.14186	22	0.23	001.07	0
001	Loss on Drying (%)	2115	5.5450	0.04600	5.4152	0.51897	0.14186	22	0.25	001.99	0
001	Loss on Drying (%)	0027	5.6800	0.06400	5.4152	0.51897	0.14186	22	0.51	001.00	0
001	Loss on Drying (%)	0065	5.7675	0.03500	5.4152	0.51897	0.14186	22	0.68	001.07	0
001	Loss on Drying (%)	0019	5.9100	0.28000	5.4152	0.51897	0.14186	22	0.95	001.07	0
001	Loss on Drying (%)	0676	5.9200	0.06000	5.4152	0.51897	0.14186	22	0.97	001.99	0
001	Loss on Drying (%)	2136	6.0250	0.07000	5.4152	0.51897	0.14186	22	1.17	001.99	0
001	Loss on Drying (%)	0074	6.0950	0.43000	5.4152	0.51897	0.14186	22	1.31	001.07	0
001	Loss on Drying (%)	0619	6.2400	0.10000	5.4152	0.51897	0.14186	22	1.59	001.03	0
001	Loss on Drying (%)	0876	5.7500	0.80000	5.4152	0.51897	0.14186	22	0.65	001.07	1
002	Protein, Crude (%)	2169	42.450	0.30000	44.579	0.37008	0.18804	50	-5.75	002.06	0
002	Protein, Crude (%)	0845	42.940	0.16000	44.579	0.37008	0.18804	50	-4.43	002.00	0
002	Protein, Crude (%)	0619	44.000	0.20000	44.579	0.37008	0.18804	50	-1.57	002.01	0
002	Protein, Crude (%)	0171	44.050	0.04000	44.579	0.37008	0.18804	50	-1.43	002.06	0
002	Protein, Crude (%)	2187	44.120	0.04000	44.579	0.37008	0.18804	50	-1.24	002.06	0
002	Protein, Crude (%)	0042	44.135	0.23000	44.579	0.37008	0.18804	50	-1.20	002.02	0
002	Protein, Crude (%)	0615	44.185	0.05000	44.579	0.37008	0.18804	50	-1.07	002.06	0
002	Protein, Crude (%)	0098	44.200	0.20000	44.579	0.37008	0.18804	50	-1.03	002.06	0
002	Protein, Crude (%)	0001	44.205	0.25000	44.579	0.37008	0.18804	50	-1.01	002.06	0
002	Protein, Crude (%)	0242	44.210	0.40000	44.579	0.37008	0.18804	50	-1.00	002.06	0
002	Protein, Crude (%)	0889	44.230	0.02000	44.579	0.37008	0.18804	50	-0.94	002.01	0
002	Protein, Crude (%)	0873	44.280	0.28000	44.579	0.37008	0.18804	50	-0.81	002.06	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
002	Protein, Crude (%)	0619	44.300	0.00000	44.579	0.37008	0.18804	50	-0.75	002.06	0
002	Protein, Crude (%)	0958	44.325	0.05000	44.579	0.37008	0.18804	50	-0.69	002.06	0
002	Protein, Crude (%)	0164	44.410	0.06000	44.579	0.37008	0.18804	50	-0.46	002.01	0
002	Protein, Crude (%)	0880	44.410	0.08000	44.579	0.37008	0.18804	50	-0.46	002.06	0
002	Protein, Crude (%)	0042	44.445	0.05000	44.579	0.37008	0.18804	50	-0.36	002.06	0
002	Protein, Crude (%)	0650	44.450	0.28000	44.579	0.37008	0.18804	50	-0.35	002.06	0
002	Protein, Crude (%)	0027	44.480	0.23500	44.579	0.37008	0.18804	50	-0.27	002.06	0
002	Protein, Crude (%)	2162	44.540	0.30000	44.579	0.37008	0.18804	50	-0.11	002.06	0
002	Protein, Crude (%)	2124	44.540	0.04000	44.579	0.37008	0.18804	50	-0.11	002.06	0
002	Protein, Crude (%)	0065	44.542	0.00450	44.579	0.37008	0.18804	50	-0.10	002.06	0
002	Protein, Crude (%)	0630	44.545	0.39000	44.579	0.37008	0.18804	50	-0.09	002.06	0
002	Protein, Crude (%)	2136	44.550	0.10000	44.579	0.37008	0.18804	50	-0.08	002.08	0
002	Protein, Crude (%)	0870	44.560	0.18700	44.579	0.37008	0.18804	50	-0.05	002.01	0
002	Protein, Crude (%)	0074	44.570	0.08000	44.579	0.37008	0.18804	50	-0.03	002.06	0
002	Protein, Crude (%)	0876	44.605	0.43000	44.579	0.37008	0.18804	50	0.07	002.06	0
002	Protein, Crude (%)	0964	44.617	0.55500	44.579	0.37008	0.18804	50	0.10	002.06	0
002	Protein, Crude (%)	2122	44.630	0.00000	44.579	0.37008	0.18804	50	0.14	002.04	0
002	Protein, Crude (%)	0510	44.650	0.10000	44.579	0.37008	0.18804	50	0.19	002.06	0
002	Protein, Crude (%)	2207	44.650	0.10000	44.579	0.37008	0.18804	50	0.19	002.06	0
002	Protein, Crude (%)	0309	44.691	0.06850	44.579	0.37008	0.18804	50	0.30	002.06	0
002	Protein, Crude (%)	0870	44.727	0.01190	44.579	0.37008	0.18804	50	0.40	002.06	0
002	Protein, Crude (%)	0019	44.770	0.18000	44.579	0.37008	0.18804	50	0.52	002.06	0
002	Protein, Crude (%)	2115	44.804	0.10800	44.579	0.37008	0.18804	50	0.61	002.05	0
002	Protein, Crude (%)	0676	44.815	0.13000	44.579	0.37008	0.18804	50	0.64	002.06	0
002	Protein, Crude (%)	0504	44.850	0.18000	44.579	0.37008	0.18804	50	0.73	002.04	0
002	Protein, Crude (%)	0051	44.850	0.10000	44.579	0.37008	0.18804	50	0.73	002.06	0
002	Protein, Crude (%)	0208	44.850	0.30000	44.579	0.37008	0.18804	50	0.73	002.06	0
002	Protein, Crude (%)	0202	44.863	0.41300	44.579	0.37008	0.18804	50	0.77	002.06	0
002	Protein, Crude (%)	0504	44.910	0.24000	44.579	0.37008	0.18804	50	0.89	002.06	0
002	Protein, Crude (%)	2058	44.915	0.01000	44.579	0.37008	0.18804	50	0.91	002.06	0
002	Protein, Crude (%)	2089	44.920	0.22000	44.579	0.37008	0.18804	50	0.92	002.06	0
002	Protein, Crude (%)	0164	44.940	0.38000	44.579	0.37008	0.18804	50	0.97	002.06	0
002	Protein, Crude (%)	2033	44.970	0.04000	44.579	0.37008	0.18804	50	1.06	002.99	0
002	Protein, Crude (%)	0554	45.050	0.34000	44.579	0.37008	0.18804	50	1.27	002.06	0
002	Protein, Crude (%)	0511	45.150	0.04000	44.579	0.37008	0.18804	50	1.54	002.06	0
002	Protein, Crude (%)	0407	45.152	0.43700	44.579	0.37008	0.18804	50	1.55	002.06	0
002	Protein, Crude (%)	0028	45.330	0.50000	44.579	0.37008	0.18804	50	2.03	002.06	0
002	Protein, Crude (%)	0034	45.413	0.49200	44.579	0.37008	0.18804	50	2.25	002.06	0
002	Protein, Crude (%)	0047	295.00	498.60	44.579	0.37008	0.18804	50	676.67	002.06	2
003	Fat, Crude (%)	0028	0.19000	0.02000	0.41932	0.21326	0.06298	22	-1.08	003.13	0
003	Fat, Crude (%)	2115	0.19350	0.00300	0.41932	0.21326	0.06298	22	-1.06	003.14	0
003	Fat, Crude (%)	2115	0.19550	0.00100	0.41932	0.21326	0.06298	22	-1.05	003.00	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
003	Fat, Crude (%)	2136	0.23500	0.13000	0.41932	0.21326	0.06298	22	-0.86	003.06	0
003	Fat, Crude (%)	0202	0.24600	0.03800	0.41932	0.21326	0.06298	22	-0.81	003.14	0
003	Fat, Crude (%)	0870	0.26320	0.09680	0.41932	0.21326	0.06298	22	-0.73	003.10	0
003	Fat, Crude (%)	0019	0.29500	0.01000	0.41932	0.21326	0.06298	22	-0.58	003.14	0
003	Fat, Crude (%)	0051	0.30000	0.00000	0.41932	0.21326	0.06298	22	-0.56	003.10	0
003	Fat, Crude (%)	0242	0.30500	0.01000	0.41932	0.21326	0.06298	22	-0.54	003.10	0
003	Fat, Crude (%)	0889	0.35500	0.19000	0.41932	0.21326	0.06298	22	-0.30	003.10	0
003	Fat, Crude (%)	0619	0.35800	0.03800	0.41932	0.21326	0.06298	22	-0.29	003.14	0
003	Fat, Crude (%)	0630	0.41000	0.04000	0.41932	0.21326	0.06298	22	-0.04	003.09	0
003	Fat, Crude (%)	0511	0.43000	0.02000	0.41932	0.21326	0.06298	22	0.05	003.06	0
003	Fat, Crude (%)	2162	0.45000	0.02000	0.41932	0.21326	0.06298	22	0.14	003.10	0
003	Fat, Crude (%)	0171	0.47000	0.00000	0.41932	0.21326	0.06298	22	0.24	003.12	0
003	Fat, Crude (%)	0407	0.48855	0.08250	0.41932	0.21326	0.06298	22	0.32	003.14	0
003	Fat, Crude (%)	0870	0.50040	0.02240	0.41932	0.21326	0.06298	22	0.38	003.13	0
003	Fat, Crude (%)	0870	0.58735	0.03170	0.41932	0.21326	0.06298	22	0.79	003.09	0
003	Fat, Crude (%)	0676	0.73500	0.01000	0.41932	0.21326	0.06298	22	1.48	003.10	0
003	Fat, Crude (%)	2207	0.75000	0.10000	0.41932	0.21326	0.06298	22	1.55	003.14	0
003	Fat, Crude (%)	0309	0.77505	0.22210	0.41932	0.21326	0.06298	22	1.67	003.00	0
003	Fat, Crude (%)	0880	1.1500	0.30000	0.41932	0.21326	0.06298	22	3.43	003.99	0
003	Fat, Crude (%)	0504	4.2600	0.60000	0.41932	0.21326	0.06298	22	18.01	003.01	1
003	Fat, Crude (%)	2033	9.5000	0.02000	0.41932	0.21326	0.06298	22	42.58	003.06	2
004	Fiber, Crude (%)	2089	0.11000	0.02000	1.4973	1.7934	0.14106	18	-0.77	004.03	0
004	Fiber, Crude (%)	0619	0.12650	0.02300	1.4973	1.7934	0.14106	18	-0.76	004.07	0
004	Fiber, Crude (%)	0407	0.27325	0.05050	1.4973	1.7934	0.14106	18	-0.68	004.07	0
004	Fiber, Crude (%)	0074	0.37000	0.18000	1.4973	1.7934	0.14106	18	-0.63	004.07	0
004	Fiber, Crude (%)	2115	0.37750	0.00700	1.4973	1.7934	0.14106	18	-0.62	004.07	0
004	Fiber, Crude (%)	2115	0.41850	0.03500	1.4973	1.7934	0.14106	18	-0.60	004.06	0
004	Fiber, Crude (%)	0164	0.45000	0.30000	1.4973	1.7934	0.14106	18	-0.58	004.00	0
004	Fiber, Crude (%)	0098	0.65000	0.28000	1.4973	1.7934	0.14106	18	-0.47	004.06	0
004	Fiber, Crude (%)	0870	0.66610	0.01720	1.4973	1.7934	0.14106	18	-0.46	004.07	0
004	Fiber, Crude (%)	0019	0.69000	0.10000	1.4973	1.7934	0.14106	18	-0.45	004.07	0
004	Fiber, Crude (%)	0171	0.77500	0.01000	1.4973	1.7934	0.14106	18	-0.40	004.00	0
004	Fiber, Crude (%)	0845	1.0500	0.20000	1.4973	1.7934	0.14106	18	-0.25	004.06	0
004	Fiber, Crude (%)	2058	1.3950	0.03000	1.4973	1.7934	0.14106	18	-0.06	004.03	0
004	Fiber, Crude (%)	0504	3.5650	0.43000	1.4973	1.7934	0.14106	18	1.15	004.00	0
004	Fiber, Crude (%)	2033	3.7500	0.10000	1.4973	1.7934	0.14106	18	1.26	004.03	0
004	Fiber, Crude (%)	0309	3.9091	0.09640	1.4973	1.7934	0.14106	18	1.34	004.00	0
004	Fiber, Crude (%)	2124	5.1150	0.13000	1.4973	1.7934	0.14106	18	2.02	004.07	0
004	Fiber, Crude (%)	0676	17.455	0.53000	1.4973	1.7934	0.14106	18	8.90	004.06	0
004	Fiber, Crude (%)	0511	7.4000	1.0000	1.4973	1.7934	0.14106	18	3.29	004.00	1
004	Fiber, Crude (%)	0098	< 0.01		1.4973	1.7934	0.14106	18		004.07	5
004	Fiber, Crude (%)	2207	< 1		1.4973	1.7934	0.14106	18		004.07	5

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
005	Ash (%)	0964	4.3905	0.04900	5.6155	0.87136	0.21531	39	-1.41	005.00	0
005	Ash (%)	2058	4.5750	0.01000	5.6155	0.87136	0.21531	39	-1.19	005.05	0
005	Ash (%)	0208	4.6600	0.08000	5.6155	0.87136	0.21531	39	-1.10	005.00	0
005	Ash (%)	0676	4.6650	0.01000	5.6155	0.87136	0.21531	39	-1.09	005.99	0
005	Ash (%)	2187	4.8200	0.10000	5.6155	0.87136	0.21531	39	-0.91	005.03	0
005	Ash (%)	2136	4.9500	0.38000	5.6155	0.87136	0.21531	39	-0.76	005.05	0
005	Ash (%)	2033	4.9500	0.10000	5.6155	0.87136	0.21531	39	-0.76	005.00	0
005	Ash (%)	0650	4.9600	0.10000	5.6155	0.87136	0.21531	39	-0.75	005.00	0
005	Ash (%)	2207	4.9650	0.11000	5.6155	0.87136	0.21531	39	-0.75	005.00	0
005	Ash (%)	0164	4.9800	0.12000	5.6155	0.87136	0.21531	39	-0.73	005.00	0
005	Ash (%)	0047	5.0000	0.40000	5.6155	0.87136	0.21531	39	-0.71	005.00	0
005	Ash (%)	0511	5.0300	0.12000	5.6155	0.87136	0.21531	39	-0.67	005.00	0
005	Ash (%)	0171	5.1050	0.01000	5.6155	0.87136	0.21531	39	-0.59	005.00	0
005	Ash (%)	0876	5.2400	0.02000	5.6155	0.87136	0.21531	39	-0.43	005.00	0
005	Ash (%)	0051	5.2500	0.10000	5.6155	0.87136	0.21531	39	-0.42	005.00	0
005	Ash (%)	0870	5.3291	0.27140	5.6155	0.87136	0.21531	39	-0.33	005.00	0
005	Ash (%)	0042	5.3350	0.63000	5.6155	0.87136	0.21531	39	-0.32	005.00	0
005	Ash (%)	0845	5.3450	0.19000	5.6155	0.87136	0.21531	39	-0.31	005.00	0
005	Ash (%)	0845	5.3450	0.19000	5.6155	0.87136	0.21531	39	-0.31	005.05	0
005	Ash (%)	0065	5.4200	0.00000	5.6155	0.87136	0.21531	39	-0.22	005.05	0
005	Ash (%)	0027	5.4445	0.07100	5.6155	0.87136	0.21531	39	-0.20	005.00	0
005	Ash (%)	2162	5.4700	0.24000	5.6155	0.87136	0.21531	39	-0.17	005.00	0
005	Ash (%)	2124	5.5200	0.28000	5.6155	0.87136	0.21531	39	-0.11	005.00	0
005	Ash (%)	0504	5.5350	0.59000	5.6155	0.87136	0.21531	39	-0.09	005.00	0
005	Ash (%)	0001	5.6652	0.04490	5.6155	0.87136	0.21531	39	0.06	005.00	0
005	Ash (%)	0098	5.8400	0.08000	5.6155	0.87136	0.21531	39	0.26	005.00	0
005	Ash (%)	0889	5.8650	0.39000	5.6155	0.87136	0.21531	39	0.29	005.05	0
005	Ash (%)	0873	5.9050	0.01000	5.6155	0.87136	0.21531	39	0.33	005.00	0
005	Ash (%)	2169	6.0850	0.07000	5.6155	0.87136	0.21531	39	0.54	005.99	0
005	Ash (%)	0958	6.1600	0.28000	5.6155	0.87136	0.21531	39	0.62	005.00	0
005	Ash (%)	0407	6.4335	0.10960	5.6155	0.87136	0.21531	39	0.94	005.00	0
005	Ash (%)	2089	6.6200	0.86000	5.6155	0.87136	0.21531	39	1.15	005.00	0
005	Ash (%)	0615	6.7300	0.50000	5.6155	0.87136	0.21531	39	1.28	005.00	0
005	Ash (%)	2115	6.8050	0.01000	5.6155	0.87136	0.21531	39	1.37	005.00	0
005	Ash (%)	0880	7.0850	0.75000	5.6155	0.87136	0.21531	39	1.69	005.00	0
005	Ash (%)	0510	7.0900	0.26000	5.6155	0.87136	0.21531	39	1.69	005.00	0
005	Ash (%)	0202	7.1945	0.17700	5.6155	0.87136	0.21531	39	1.81	005.99	0
005	Ash (%)	0630	7.3000	0.38000	5.6155	0.87136	0.21531	39	1.93	005.00	0
005	Ash (%)	0309	9.3950	0.30400	5.6155	0.87136	0.21531	39	4.34	005.00	0
006	Total Sugars (%)	0407	0.41500	0.01000				1		006.00	0
008	Fiber, Acid Detergent (%)	0042	0.29000	0.18000	0.88212	0.53011	0.08045	8	-1.12	008.08	0
008	Fiber, Acid Detergent (%)	0407	0.38760	0.01040	0.88212	0.53011	0.08045	8	-0.93	008.08	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
008	Fiber, Acid Detergent (%)	0164	0.60000	0.20000	0.88212	0.53011	0.08045	8	-0.53	008.08	0
008	Fiber, Acid Detergent (%)	0870	0.72710	0.00320	0.88212	0.53011	0.08045	8	-0.29	008.08	0
008	Fiber, Acid Detergent (%)	0098	1.0050	0.13000	0.88212	0.53011	0.08045	8	0.23	008.02	0
008	Fiber, Acid Detergent (%)	0504	1.1800	0.02000	0.88212	0.53011	0.08045	8	0.56	008.02	0
008	Fiber, Acid Detergent (%)	0889	1.1900	0.10000	0.88212	0.53011	0.08045	8	0.58	008.08	0
008	Fiber, Acid Detergent (%)	2115	4.9800	0.00000	0.88212	0.53011	0.08045	8	7.73	008.08	0
008	Fiber, Acid Detergent (%)	0309	1.6681	0.50080	0.88212	0.53011	0.08045	8	1.48	008.02	1
008	Fiber, Acid Detergent (%)	0676	< 0.1		0.88212	0.53011	0.08045	8		008.02	5
009	Fiber, Neutral Detergent (%)	0870	0.15510	0.04700	2.7685	2.8749	0.18696	8	-0.91	009.09	0
009	Fiber, Neutral Detergent (%)	0407	0.43340	0.22640	2.7685	2.8749	0.18696	8	-0.81	009.09	0
009	Fiber, Neutral Detergent (%)	0676	0.73000	0.04000	2.7685	2.8749	0.18696	8	-0.71	009.07	0
009	Fiber, Neutral Detergent (%)	0889	1.1750	0.13000	2.7685	2.8749	0.18696	8	-0.55	009.09	0
009	Fiber, Neutral Detergent (%)	0504	3.3000	0.64000	2.7685	2.8749	0.18696	8	0.18	009.04	0
009	Fiber, Neutral Detergent (%)	0098	4.3600	0.30000	2.7685	2.8749	0.18696	8	0.55	009.07	0
009	Fiber, Neutral Detergent (%)	0309	4.9136	0.11230	2.7685	2.8749	0.18696	8	0.75	009.07	0
009	Fiber, Neutral Detergent (%)	2115	31.090	0.00000	2.7685	2.8749	0.18696	8	9.85	009.09	0
010	Moisture (%)	2089	5.3900	0.04000	5.9150	0.55867	0.03000	4		010.99	0
010	Moisture (%)	0164	5.4950	0.01000	5.9150	0.55867	0.03000	4		010.03	0
010	Moisture (%)	2169	6.2500	0.02000	5.9150	0.55867	0.03000	4		010.99	0
010	Moisture (%)	2033	6.5250	0.05000	5.9150	0.55867	0.03000	4		010.99	0
011	Loss on Drying (%)	0208	6.5950	0.07000	7.6369	0.70922	0.11605	20	-1.47	011.01	0
011	Loss on Drying (%)	2162	6.7050	0.23000	7.6369	0.70922	0.11605	20	-1.31	011.01	0
011	Loss on Drying (%)	0554	6.7250	0.11000	7.6369	0.70922	0.11605	20	-1.29	011.02	0
011	Loss on Drying (%)	0098	6.9200	0.48000	7.6369	0.70922	0.11605	20	-1.01	011.01	0
011	Loss on Drying (%)	2207	7.0300	0.00000	7.6369	0.70922	0.11605	20	-0.86	011.01	0
011	Loss on Drying (%)	0202	7.2005	0.17500	7.6369	0.70922	0.11605	20	-0.62	011.01	0
011	Loss on Drying (%)	0870	7.3377	0.22800	7.6369	0.70922	0.11605	20	-0.42	011.01	0
011	Loss on Drying (%)	0510	7.5000	0.00000	7.6369	0.70922	0.11605	20	-0.19	011.01	0
011	Loss on Drying (%)	0511	7.6050	0.01000	7.6369	0.70922	0.11605	20	-0.04	011.01	0
011	Loss on Drying (%)	0407	7.6666	0.07400	7.6369	0.70922	0.11605	20	0.04	011.01	0
011	Loss on Drying (%)	0242	7.7200	0.06000	7.6369	0.70922	0.11605	20	0.12	011.01	0
011	Loss on Drying (%)	0051	7.8150	0.07000	7.6369	0.70922	0.11605	20	0.25	011.01	0
011	Loss on Drying (%)	0880	7.9270	0.13400	7.6369	0.70922	0.11605	20	0.41	011.01	0
011	Loss on Drying (%)	0171	7.9900	0.00000	7.6369	0.70922	0.11605	20	0.50	011.01	0
011	Loss on Drying (%)	0650	8.0100	0.04000	7.6369	0.70922	0.11605	20	0.53	011.01	0
011	Loss on Drying (%)	2058	8.1600	0.04000	7.6369	0.70922	0.11605	20	0.74	011.01	0
011	Loss on Drying (%)	0309	8.2450	0.13000	7.6369	0.70922	0.11605	20	0.86	011.01	0
011	Loss on Drying (%)	0958	8.4000	0.14000	7.6369	0.70922	0.11605	20	1.08	011.01	0
011	Loss on Drying (%)	0615	8.4850	0.23000	7.6369	0.70922	0.11605	20	1.20	011.01	0
011	Loss on Drying (%)	0047	9.1500	0.10000	7.6369	0.70922	0.11605	20	2.13	011.01	0
011	Loss on Drying (%)	0164	7.9600	0.92000	7.6369	0.70922	0.11605	20	0.46	011.01	1
012	Starch (%)	0510	0.80000	0.00000	2.2525	1.5648	0.11300	10	-0.93	012.04	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
012	Starch (%)	2124	0.90000	0.20000	2.2525	1.5648	0.11300	10	-0.86	012.03	0
012	Starch (%)	0164	0.95000	0.10000	2.2525	1.5648	0.11300	10	-0.83	012.01	0
012	Starch (%)	0870	1.3900	0.04000	2.2525	1.5648	0.11300	10	-0.55	012.01	0
012	Starch (%)	0098	1.4950	0.01000	2.2525	1.5648	0.11300	10	-0.48	012.03	0
012	Starch (%)	0407	1.9600	0.06000	2.2525	1.5648	0.11300	10	-0.19	012.03	0
012	Starch (%)	0164	3.2500	0.30000	2.2525	1.5648	0.11300	10	0.64	012.00	0
012	Starch (%)	2023	3.5000	0.20000	2.2525	1.5648	0.11300	10	0.80	012.00	0
012	Starch (%)	0619	3.6800	0.22000	2.2525	1.5648	0.11300	10	0.91	012.00	0
012	Starch (%)	2115	24.540	0.00000	2.2525	1.5648	0.11300	10	14.24	012.99	0
013	Fat, Acid Pretreat (%)	0845	0.21000	0.06000	8.5609	2.2759	0.24793	23	-3.67	013.10	0
013	Fat, Acid Pretreat (%)	0554	0.22500	0.07000	8.5609	2.2759	0.24793	23	-3.66	013.10	0
013	Fat, Acid Pretreat (%)	0407	2.0206	0.02660	8.5609	2.2759	0.24793	23	-2.87	013.13	0
013	Fat, Acid Pretreat (%)	2124	3.2200	0.12000	8.5609	2.2759	0.24793	23	-2.35	013.10	0
013	Fat, Acid Pretreat (%)	0504	6.3450	0.27000	8.5609	2.2759	0.24793	23	-0.97	013.00	0
013	Fat, Acid Pretreat (%)	0019	6.6800	0.20000	8.5609	2.2759	0.24793	23	-0.83	013.13	0
013	Fat, Acid Pretreat (%)	2058	7.2450	0.27000	8.5609	2.2759	0.24793	23	-0.58	013.02	0
013	Fat, Acid Pretreat (%)	0065	8.3150	0.31000	8.5609	2.2759	0.24793	23	-0.11	013.02	0
013	Fat, Acid Pretreat (%)	0873	8.6250	0.05000	8.5609	2.2759	0.24793	23	0.03	013.02	0
013	Fat, Acid Pretreat (%)	0098	8.7750	0.13000	8.5609	2.2759	0.24793	23	0.09	013.02	0
013	Fat, Acid Pretreat (%)	2089	9.0950	1.6700	8.5609	2.2759	0.24793	23	0.23	013.00	0
013	Fat, Acid Pretreat (%)	2162	9.3400	0.30000	8.5609	2.2759	0.24793	23	0.34	013.10	0
013	Fat, Acid Pretreat (%)	0164	9.4600	0.04000	8.5609	2.2759	0.24793	23	0.40	013.02	0
013	Fat, Acid Pretreat (%)	0208	9.5300	0.20000	8.5609	2.2759	0.24793	23	0.43	013.02	0
013	Fat, Acid Pretreat (%)	0309	9.8336	0.51290	8.5609	2.2759	0.24793	23	0.56	013.00	0
013	Fat, Acid Pretreat (%)	2187	9.9950	0.01000	8.5609	2.2759	0.24793	23	0.63	013.00	0
013	Fat, Acid Pretreat (%)	0958	10.050	0.24000	8.5609	2.2759	0.24793	23	0.65	013.02	0
013	Fat, Acid Pretreat (%)	0074	10.115	0.31000	8.5609	2.2759	0.24793	23	0.68	013.02	0
013	Fat, Acid Pretreat (%)	0650	10.250	0.20000	8.5609	2.2759	0.24793	23	0.74	013.02	0
013	Fat, Acid Pretreat (%)	0870	10.393	0.05500	8.5609	2.2759	0.24793	23	0.81	013.02	0
013	Fat, Acid Pretreat (%)	0019	10.515	0.05000	8.5609	2.2759	0.24793	23	0.86	013.02	0
013	Fat, Acid Pretreat (%)	0171	10.785	0.33000	8.5609	2.2759	0.24793	23	0.98	013.02	0
013	Fat, Acid Pretreat (%)	0202	10.965	0.27800	8.5609	2.2759	0.24793	23	1.06	013.00	0
013	Fat, Acid Pretreat (%)	0042	7.3050	2.3300	8.5609	2.2759	0.24793	23	-0.55	013.13	1
015	Aluminum (mg / kg (ppm))	0510	7.5000	1.0000				2		015.43	0
015	Aluminum (mg / kg (ppm))	0171	170.85	15.400				2		015.41	0
017	Boron (mg / kg (ppm))	0510	2.0000	0.00000				1		017.43	0
019	Calcium (%)	2115	0.04350	0.00100	0.05553	0.00648	0.00346	27	-1.86	019.00	0
019	Calcium (%)	0051	0.04500	0.01000	0.05553	0.00648	0.00346	27	-1.63	019.41	0
019	Calcium (%)	2187	0.04545	0.00910	0.05553	0.00648	0.00346	27	-1.56	019.43	0
019	Calcium (%)	0019	0.05000	0.00000	0.05553	0.00648	0.00346	27	-0.85	019.41	0
019	Calcium (%)	0511	0.05000	0.00000	0.05553	0.00648	0.00346	27	-0.85	019.41	0
019	Calcium (%)	2207	0.05000	0.00000	0.05553	0.00648	0.00346	27	-0.85	019.42	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
019	Calcium (%)	0870	0.05140	0.00000	0.05553	0.00648	0.00346	27	-0.64	019.42	0
019	Calcium (%)	0047	0.05350	0.00100	0.05553	0.00648	0.00346	27	-0.31	019.52	0
019	Calcium (%)	0619	0.05350	0.00100	0.05553	0.00648	0.00346	27	-0.31	019.99	0
019	Calcium (%)	0208	0.05400	0.00000	0.05553	0.00648	0.00346	27	-0.24	019.41	0
019	Calcium (%)	0964	0.05420	0.00140	0.05553	0.00648	0.00346	27	-0.21	019.43	0
019	Calcium (%)	0034	0.05445	0.00210	0.05553	0.00648	0.00346	27	-0.17	019.43	0
019	Calcium (%)	0164	0.05450	0.00100	0.05553	0.00648	0.00346	27	-0.16	019.41	0
019	Calcium (%)	0001	0.05495	0.01370	0.05553	0.00648	0.00346	27	-0.09	019.31	0
019	Calcium (%)	2033	0.05500	0.00000	0.05553	0.00648	0.00346	27	-0.08	019.43	0
019	Calcium (%)	2124	0.05500	0.01000	0.05553	0.00648	0.00346	27	-0.08	019.43	0
019	Calcium (%)	0098	0.05570	0.00520	0.05553	0.00648	0.00346	27	0.03	019.43	0
019	Calcium (%)	0171	0.05800	0.00000	0.05553	0.00648	0.00346	27	0.38	019.41	0
019	Calcium (%)	0650	0.05900	0.00800	0.05553	0.00648	0.00346	27	0.54	019.31	0
019	Calcium (%)	0407	0.05980	0.00340	0.05553	0.00648	0.00346	27	0.66	019.41	0
019	Calcium (%)	0065	0.06000	0.00000	0.05553	0.00648	0.00346	27	0.69	019.44	0
019	Calcium (%)	0873	0.06000	0.00000	0.05553	0.00648	0.00346	27	0.69	019.44	0
019	Calcium (%)	0510	0.06000	0.02000	0.05553	0.00648	0.00346	27	0.69	019.43	0
019	Calcium (%)	0098	0.06310	0.00260	0.05553	0.00648	0.00346	27	1.17	019.41	0
019	Calcium (%)	0202	0.06700	0.00400	0.05553	0.00648	0.00346	27	1.77	019.43	0
019	Calcium (%)	2089	0.07000	0.00000	0.05553	0.00648	0.00346	27	2.23	019.43	0
019	Calcium (%)	0242	0.07000	0.00000	0.05553	0.00648	0.00346	27	2.23	019.99	0
019	Calcium (%)	0042	0.09950	0.08300	0.05553	0.00648	0.00346	27	6.79	019.43	1
019	Calcium (%)	0074	0.56000	0.06000	0.05553	0.00648	0.00346	27	77.87	019.41	2
019	Calcium (%)	2115	< 0.05		0.05553	0.00648	0.00346	27		019.31	5
021	Cobalt (mg / kg (ppm))	0171	< 0.05					0		021.41	5
021	Cobalt (mg / kg (ppm))	0164	< 0.75					0		021.31	5
022	Copper (mg / kg (ppm))	0051	2.5200	0.70000	4.6111	1.2458	0.54275	19	-1.68	022.41	0
022	Copper (mg / kg (ppm))	0074	3.0000	0.00000	4.6111	1.2458	0.54275	19	-1.29	022.41	0
022	Copper (mg / kg (ppm))	2058	3.7600	0.22000	4.6111	1.2458	0.54275	19	-0.68	022.43	0
022	Copper (mg / kg (ppm))	0027	3.8200	0.20800	4.6111	1.2458	0.54275	19	-0.64	022.43	0
022	Copper (mg / kg (ppm))	0407	3.8374	0.28040	4.6111	1.2458	0.54275	19	-0.62	022.41	0
022	Copper (mg / kg (ppm))	0964	3.9869	0.16580	4.6111	1.2458	0.54275	19	-0.50	022.43	0
022	Copper (mg / kg (ppm))	0510	4.0000	0.00000	4.6111	1.2458	0.54275	19	-0.49	022.43	0
022	Copper (mg / kg (ppm))	0242	4.0000	0.00000	4.6111	1.2458	0.54275	19	-0.49	022.99	0
022	Copper (mg / kg (ppm))	0870	4.0595	0.26700	4.6111	1.2458	0.54275	19	-0.44	022.42	0
022	Copper (mg / kg (ppm))	0098	4.1500	0.32000	4.6111	1.2458	0.54275	19	-0.37	022.43	0
022	Copper (mg / kg (ppm))	2124	4.5450	0.97000	4.6111	1.2458	0.54275	19	-0.05	022.43	0
022	Copper (mg / kg (ppm))	2033	5.1000	0.20000	4.6111	1.2458	0.54275	19	0.39	022.43	0
022	Copper (mg / kg (ppm))	0047	5.1850	0.13000	4.6111	1.2458	0.54275	19	0.46	022.52	0
022	Copper (mg / kg (ppm))	0171	5.2800	1.1000	4.6111	1.2458	0.54275	19	0.54	022.41	0
022	Copper (mg / kg (ppm))	0202	5.3505	0.08100	4.6111	1.2458	0.54275	19	0.59	022.43	0
022	Copper (mg / kg (ppm))	0019	5.7300	0.04000	4.6111	1.2458	0.54275	19	0.90	022.41	0

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022	Copper (mg / kg (ppm))	0098	6.1050	1.7300	4.6111	1.2458	0.54275	19	1.20	022.41	0
022	Copper (mg / kg (ppm))	2207	11.500	3.0000	4.6111	1.2458	0.54275	19	5.53	022.42	0
022	Copper (mg / kg (ppm))	2089	23.550	0.90000	4.6111	1.2458	0.54275	19	15.20	022.43	0
022	Copper (mg / kg (ppm))	0042	10.680	11.440	4.6111	1.2458	0.54275	19	4.87	022.43	1
022	Copper (mg / kg (ppm))	2115	< 5		4.6111	1.2458	0.54275	19		022.31	5
025	Iron (mg / kg (ppm))	0051	38.000	4.0000	45.078	4.5355	2.2835	23	-1.56	025.41	0
025	Iron (mg / kg (ppm))	2058	38.500	0.28000	45.078	4.5355	2.2835	23	-1.45	025.43	0
025	Iron (mg / kg (ppm))	2115	39.362	0.12600	45.078	4.5355	2.2835	23	-1.26	025.31	0
025	Iron (mg / kg (ppm))	0511	40.500	1.0000	45.078	4.5355	2.2835	23	-1.01	025.41	0
025	Iron (mg / kg (ppm))	0208	40.890	3.6200	45.078	4.5355	2.2835	23	-0.92	025.41	0
025	Iron (mg / kg (ppm))	0964	42.615	2.6118	45.078	4.5355	2.2835	23	-0.54	025.43	0
025	Iron (mg / kg (ppm))	0164	43.000	2.0000	45.078	4.5355	2.2835	23	-0.46	025.41	0
025	Iron (mg / kg (ppm))	0074	44.000	4.0000	45.078	4.5355	2.2835	23	-0.24	025.41	0
025	Iron (mg / kg (ppm))	0242	44.000	0.00000	45.078	4.5355	2.2835	23	-0.24	025.99	0
025	Iron (mg / kg (ppm))	0027	44.210	3.6400	45.078	4.5355	2.2835	23	-0.19	025.43	0
025	Iron (mg / kg (ppm))	0098	44.465	1.4100	45.078	4.5355	2.2835	23	-0.14	025.43	0
025	Iron (mg / kg (ppm))	0870	44.930	1.8200	45.078	4.5355	2.2835	23	-0.03	025.42	0
025	Iron (mg / kg (ppm))	0407	45.539	1.3416	45.078	4.5355	2.2835	23	0.10	025.41	0
025	Iron (mg / kg (ppm))	2124	45.970	3.0200	45.078	4.5355	2.2835	23	0.20	025.43	0
025	Iron (mg / kg (ppm))	0098	46.270	0.90000	45.078	4.5355	2.2835	23	0.26	025.41	0
025	Iron (mg / kg (ppm))	0047	47.055	1.3500	45.078	4.5355	2.2835	23	0.44	025.52	0
025	Iron (mg / kg (ppm))	2114	47.099	0.19100	45.078	4.5355	2.2835	23	0.45	025.41	0
025	Iron (mg / kg (ppm))	2207	47.500	1.0000	45.078	4.5355	2.2835	23	0.53	025.42	0
025	Iron (mg / kg (ppm))	0619	47.850	0.90000	45.078	4.5355	2.2835	23	0.61	025.99	0
025	Iron (mg / kg (ppm))	2033	49.500	3.0000	45.078	4.5355	2.2835	23	0.98	025.43	0
025	Iron (mg / kg (ppm))	0510	51.500	1.0000	45.078	4.5355	2.2835	23	1.42	025.43	0
025	Iron (mg / kg (ppm))	0019	52.470	11.120	45.078	4.5355	2.2835	23	1.63	025.41	0
025	Iron (mg / kg (ppm))	0171	55.295	4.1900	45.078	4.5355	2.2835	23	2.25	025.41	0
025	Iron (mg / kg (ppm))	0042	80.550	22.300	45.078	4.5355	2.2835	23	7.82	025.43	1
025	Iron (mg / kg (ppm))	2089	180.79	6.8900	45.078	4.5355	2.2835	23	29.92	025.43	2
027	Magnesium (%)	2115	0.09700	0.01200	0.17585	0.01037	0.00556	30	-7.60	027.31	0
027	Magnesium (%)	0051	0.14980	0.01800	0.17585	0.01037	0.00556	30	-2.51	027.41	0
027	Magnesium (%)	0042	0.16200	0.01200	0.17585	0.01037	0.00556	30	-1.34	027.43	0
027	Magnesium (%)	0873	0.16200	0.00400	0.17585	0.01037	0.00556	30	-1.34	027.44	0
027	Magnesium (%)	0164	0.16500	0.00000	0.17585	0.01037	0.00556	30	-1.05	027.41	0
027	Magnesium (%)	0407	0.16615	0.00670	0.17585	0.01037	0.00556	30	-0.94	027.41	0
027	Magnesium (%)	0870	0.16945	0.00550	0.17585	0.01037	0.00556	30	-0.62	027.42	0
027	Magnesium (%)	0511	0.17000	0.02000	0.17585	0.01037	0.00556	30	-0.56	027.41	0
027	Magnesium (%)	0098	0.17000	0.00000	0.17585	0.01037	0.00556	30	-0.56	027.41	0
027	Magnesium (%)	0242	0.17000	0.00000	0.17585	0.01037	0.00556	30	-0.56	027.99	0
027	Magnesium (%)	0074	0.17100	0.00200	0.17585	0.01037	0.00556	30	-0.47	027.41	0
027	Magnesium (%)	0202	0.17250	0.00300	0.17585	0.01037	0.00556	30	-0.32	027.43	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
027	Magnesium (%)	2187	0.17420	0.00440	0.17585	0.01037	0.00556	30	-0.16	027.43	0
027	Magnesium (%)	0098	0.17500	0.01000	0.17585	0.01037	0.00556	30	-0.08	027.43	0
027	Magnesium (%)	0027	0.17550	0.01100	0.17585	0.01037	0.00556	30	-0.03	027.43	0
027	Magnesium (%)	0171	0.17600	0.00000	0.17585	0.01037	0.00556	30	0.01	027.41	0
027	Magnesium (%)	0964	0.17710	0.00700	0.17585	0.01037	0.00556	30	0.12	027.43	0
027	Magnesium (%)	0019	0.18000	0.00000	0.17585	0.01037	0.00556	30	0.40	027.41	0
027	Magnesium (%)	2207	0.18000	0.00000	0.17585	0.01037	0.00556	30	0.40	027.42	0
027	Magnesium (%)	0510	0.18000	0.00000	0.17585	0.01037	0.00556	30	0.40	027.43	0
027	Magnesium (%)	0034	0.18015	0.00430	0.17585	0.01037	0.00556	30	0.41	027.43	0
027	Magnesium (%)	2114	0.18290	0.00220	0.17585	0.01037	0.00556	30	0.68	027.44	0
027	Magnesium (%)	0208	0.18350	0.00300	0.17585	0.01037	0.00556	30	0.74	027.41	0
027	Magnesium (%)	2124	0.18500	0.01000	0.17585	0.01037	0.00556	30	0.88	027.43	0
027	Magnesium (%)	0619	0.18550	0.00300	0.17585	0.01037	0.00556	30	0.93	027.99	0
027	Magnesium (%)	0001	0.18555	0.00470	0.17585	0.01037	0.00556	30	0.94	027.31	0
027	Magnesium (%)	0047	0.18700	0.00800	0.17585	0.01037	0.00556	30	1.07	027.52	0
027	Magnesium (%)	0650	0.18800	0.00600	0.17585	0.01037	0.00556	30	1.17	027.31	0
027	Magnesium (%)	2033	0.19000	0.00000	0.17585	0.01037	0.00556	30	1.36	027.43	0
027	Magnesium (%)	2089	0.20500	0.01000	0.17585	0.01037	0.00556	30	2.81	027.43	0
027	Magnesium (%)	0065	1.0200	0.00000	0.17585	0.01037	0.00556	30	81.37	027.44	2
028	Manganese (mg / kg (ppm))	0511	9.3950	0.97000	11.995	1.4802	0.47889	25	-1.76	028.41	0
028	Manganese (mg / kg (ppm))	0051	10.175	1.0700	11.995	1.4802	0.47889	25	-1.23	028.41	0
028	Manganese (mg / kg (ppm))	2114	10.215	0.31940	11.995	1.4802	0.47889	25	-1.20	028.44	0
028	Manganese (mg / kg (ppm))	2058	10.560	0.02000	11.995	1.4802	0.47889	25	-0.97	028.43	0
028	Manganese (mg / kg (ppm))	0870	10.880	0.32000	11.995	1.4802	0.47889	25	-0.75	028.42	0
028	Manganese (mg / kg (ppm))	2115	10.954	0.44800	11.995	1.4802	0.47889	25	-0.70	028.31	0
028	Manganese (mg / kg (ppm))	0074	11.000	0.00000	11.995	1.4802	0.47889	25	-0.67	028.41	0
028	Manganese (mg / kg (ppm))	0242	11.000	0.00000	11.995	1.4802	0.47889	25	-0.67	028.99	0
028	Manganese (mg / kg (ppm))	0171	11.365	0.01000	11.995	1.4802	0.47889	25	-0.43	028.41	0
028	Manganese (mg / kg (ppm))	0619	11.750	0.30000	11.995	1.4802	0.47889	25	-0.17	028.99	0
028	Manganese (mg / kg (ppm))	0964	11.796	0.56010	11.995	1.4802	0.47889	25	-0.13	028.43	0
028	Manganese (mg / kg (ppm))	0019	11.830	0.18000	11.995	1.4802	0.47889	25	-0.11	028.41	0
028	Manganese (mg / kg (ppm))	0098	11.945	0.03000	11.995	1.4802	0.47889	25	-0.03	028.43	0
028	Manganese (mg / kg (ppm))	0510	12.000	0.00000	11.995	1.4802	0.47889	25	0.00	028.43	0
028	Manganese (mg / kg (ppm))	0047	12.040	0.06000	11.995	1.4802	0.47889	25	0.03	028.52	0
028	Manganese (mg / kg (ppm))	0027	12.105	0.02400	11.995	1.4802	0.47889	25	0.07	028.43	0
028	Manganese (mg / kg (ppm))	0208	12.430	0.04000	11.995	1.4802	0.47889	25	0.29	028.41	0
028	Manganese (mg / kg (ppm))	2124	12.515	0.47000	11.995	1.4802	0.47889	25	0.35	028.43	0
028	Manganese (mg / kg (ppm))	0407	12.528	0.15570	11.995	1.4802	0.47889	25	0.36	028.41	0
028	Manganese (mg / kg (ppm))	2033	12.900	0.20000	11.995	1.4802	0.47889	25	0.61	028.43	0
028	Manganese (mg / kg (ppm))	0098	13.435	0.97000	11.995	1.4802	0.47889	25	0.97	028.41	0
028	Manganese (mg / kg (ppm))	0202	14.032	1.7050	11.995	1.4802	0.47889	25	1.38	028.43	0
028	Manganese (mg / kg (ppm))	2207	14.500	1.0000	11.995	1.4802	0.47889	25	1.69	028.42	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
028	Manganese (mg / kg (ppm))	0042	15.600	3.0000	11.995	1.4802	0.47889	25	2.44	028.43	0
028	Manganese (mg / kg (ppm))	2089	17.500	0.12000	11.995	1.4802	0.47889	25	3.72	028.43	0
028	Manganese (mg / kg (ppm))	0164	11.750	4.5000	11.995	1.4802	0.47889	25	-0.17	028.41	1
031	Phosphorus (%)	0208	0.88500	0.11600	1.0733	0.06496	0.03398	31	-2.90	031.01	0
031	Phosphorus (%)	0051	0.92800	0.10780	1.0733	0.06496	0.03398	31	-2.24	031.41	0
031	Phosphorus (%)	0019	0.98500	0.03000	1.0733	0.06496	0.03398	31	-1.36	031.41	0
031	Phosphorus (%)	0511	0.99500	0.09000	1.0733	0.06496	0.03398	31	-1.21	031.01	0
031	Phosphorus (%)	2115	1.0140	0.03600	1.0733	0.06496	0.03398	31	-0.91	031.01	0
031	Phosphorus (%)	0098	1.0150	0.01200	1.0733	0.06496	0.03398	31	-0.90	031.41	0
031	Phosphorus (%)	0873	1.0300	0.02000	1.0733	0.06496	0.03398	31	-0.67	031.44	0
031	Phosphorus (%)	0619	1.0300	0.02000	1.0733	0.06496	0.03398	31	-0.67	031.99	0
031	Phosphorus (%)	0164	1.0350	0.03000	1.0733	0.06496	0.03398	31	-0.59	031.41	0
031	Phosphorus (%)	0870	1.0400	0.04800	1.0733	0.06496	0.03398	31	-0.51	031.42	0
031	Phosphorus (%)	0001	1.0415	0.00300	1.0733	0.06496	0.03398	31	-0.49	031.03	0
031	Phosphorus (%)	2187	1.0416	0.01540	1.0733	0.06496	0.03398	31	-0.49	031.43	0
031	Phosphorus (%)	0171	1.0550	0.01000	1.0733	0.06496	0.03398	31	-0.28	031.41	0
031	Phosphorus (%)	0034	1.0565	0.03700	1.0733	0.06496	0.03398	31	-0.26	031.43	0
031	Phosphorus (%)	0650	1.0650	0.03000	1.0733	0.06496	0.03398	31	-0.13	031.01	0
031	Phosphorus (%)	0407	1.0740	0.00010	1.0733	0.06496	0.03398	31	0.01	031.41	0
031	Phosphorus (%)	0074	1.0800	0.06000	1.0733	0.06496	0.03398	31	0.10	031.41	0
031	Phosphorus (%)	0042	1.0800	0.00000	1.0733	0.06496	0.03398	31	0.10	031.43	0
031	Phosphorus (%)	0242	1.0950	0.01000	1.0733	0.06496	0.03398	31	0.33	031.99	0
031	Phosphorus (%)	0964	1.0976	0.01840	1.0733	0.06496	0.03398	31	0.37	031.43	0
031	Phosphorus (%)	2207	1.1050	0.01000	1.0733	0.06496	0.03398	31	0.49	031.42	0
031	Phosphorus (%)	0027	1.1055	0.07100	1.0733	0.06496	0.03398	31	0.50	031.43	0
031	Phosphorus (%)	2033	1.1100	0.00000	1.0733	0.06496	0.03398	31	0.56	031.43	0
031	Phosphorus (%)	0047	1.1250	0.03000	1.0733	0.06496	0.03398	31	0.80	031.42	0
031	Phosphorus (%)	0208	1.1285	0.01100	1.0733	0.06496	0.03398	31	0.85	031.41	0
031	Phosphorus (%)	0098	1.1375	0.08100	1.0733	0.06496	0.03398	31	0.99	031.43	0
031	Phosphorus (%)	0202	1.1385	0.00500	1.0733	0.06496	0.03398	31	1.00	031.43	0
031	Phosphorus (%)	2089	1.1400	0.00000	1.0733	0.06496	0.03398	31	1.03	031.43	0
031	Phosphorus (%)	2124	1.1600	0.08000	1.0733	0.06496	0.03398	31	1.33	031.43	0
031	Phosphorus (%)	2114	1.1792	0.03180	1.0733	0.06496	0.03398	31	1.63	031.41	0
031	Phosphorus (%)	0510	1.2200	0.04000	1.0733	0.06496	0.03398	31	2.26	031.43	0
031	Phosphorus (%)	0065	0.16700	0.00000	1.0733	0.06496	0.03398	31	-13.95	031.44	2
032	Potassium (%)	2115	0.67700	0.00200	1.0337	0.08050	0.02651	30	-4.43	032.31	0
032	Potassium (%)	0619	0.88700	0.01000	1.0337	0.08050	0.02651	30	-1.82	032.99	0
032	Potassium (%)	0873	0.90500	0.01000	1.0337	0.08050	0.02651	30	-1.60	032.44	0
032	Potassium (%)	2114	0.90860	0.00040	1.0337	0.08050	0.02651	30	-1.55	032.44	0
032	Potassium (%)	0051	0.92110	0.11420	1.0337	0.08050	0.02651	30	-1.40	032.41	0
032	Potassium (%)	0042	0.93150	0.03500	1.0337	0.08050	0.02651	30	-1.27	032.43	0
032	Potassium (%)	0964	0.97215	0.00170	1.0337	0.08050	0.02651	30	-0.76	032.43	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
032	Potassium (%)	0098	0.99500	0.05000	1.0337	0.08050	0.02651	30	-0.48	032.43	0
032	Potassium (%)	0019	1.0000	0.00000	1.0337	0.08050	0.02651	30	-0.42	032.41	0
032	Potassium (%)	0098	1.0050	0.01000	1.0337	0.08050	0.02651	30	-0.36	032.41	0
032	Potassium (%)	0027	1.0170	0.05000	1.0337	0.08050	0.02651	30	-0.21	032.43	0
032	Potassium (%)	0164	1.0200	0.00000	1.0337	0.08050	0.02651	30	-0.17	032.41	0
032	Potassium (%)	0510	1.0350	0.01000	1.0337	0.08050	0.02651	30	0.02	032.43	0
032	Potassium (%)	0001	1.0425	0.00100	1.0337	0.08050	0.02651	30	0.11	032.99	0
032	Potassium (%)	0047	1.0450	0.03000	1.0337	0.08050	0.02651	30	0.14	032.42	0
032	Potassium (%)	0208	1.0640	0.01600	1.0337	0.08050	0.02651	30	0.38	032.41	0
032	Potassium (%)	0504	1.0650	0.03000	1.0337	0.08050	0.02651	30	0.39	032.02	0
032	Potassium (%)	0074	1.0650	0.01000	1.0337	0.08050	0.02651	30	0.39	032.41	0
032	Potassium (%)	0870	1.0680	0.03000	1.0337	0.08050	0.02651	30	0.43	032.42	0
032	Potassium (%)	0242	1.0750	0.01000	1.0337	0.08050	0.02651	30	0.51	032.99	0
032	Potassium (%)	0650	1.0900	0.02000	1.0337	0.08050	0.02651	30	0.70	032.31	0
032	Potassium (%)	2207	1.0900	0.00000	1.0337	0.08050	0.02651	30	0.70	032.42	0
032	Potassium (%)	2089	1.0950	0.01000	1.0337	0.08050	0.02651	30	0.76	032.43	0
032	Potassium (%)	0511	1.1000	0.16000	1.0337	0.08050	0.02651	30	0.82	032.41	0
032	Potassium (%)	2033	1.1000	0.00000	1.0337	0.08050	0.02651	30	0.82	032.43	0
032	Potassium (%)	0407	1.1031	0.02100	1.0337	0.08050	0.02651	30	0.86	032.41	0
032	Potassium (%)	0171	1.1040	0.03600	1.0337	0.08050	0.02651	30	0.87	032.41	0
032	Potassium (%)	0202	1.1040	0.04200	1.0337	0.08050	0.02651	30	0.87	032.43	0
032	Potassium (%)	0034	1.1120	0.00600	1.0337	0.08050	0.02651	30	0.97	032.43	0
032	Potassium (%)	2124	1.1400	0.08000	1.0337	0.08050	0.02651	30	1.32	032.43	0
032	Potassium (%)	2187	0.91735	0.18990	1.0337	0.08050	0.02651	30	-1.45	032.43	1
032	Potassium (%)	0065	0.14000	0.00000	1.0337	0.08050	0.02651	30	-11.10	032.44	2
033	Salt as chloride (%)	0504	0.08000	0.00000	0.19001	0.05682	0.00390	8	-1.94	033.00	0
033	Salt as chloride (%)	0650	0.14500	0.01000	0.19001	0.05682	0.00390	8	-0.79	033.01	0
033	Salt as chloride (%)	0309	0.17030	0.01120	0.19001	0.05682	0.00390	8	-0.35	033.00	0
033	Salt as chloride (%)	0242	0.18000	0.00000	0.19001	0.05682	0.00390	8	-0.18	033.01	0
033	Salt as chloride (%)	0510	0.21000	0.00000	0.19001	0.05682	0.00390	8	0.35	033.01	0
033	Salt as chloride (%)	0164	0.22000	0.00000	0.19001	0.05682	0.00390	8	0.53	033.01	0
033	Salt as chloride (%)	0098	0.23000	0.00000	0.19001	0.05682	0.00390	8	0.70	033.01	0
033	Salt as chloride (%)	0407	0.26000	0.01000	0.19001	0.05682	0.00390	8	1.23	033.01	0
034	Selenium (mg / kg (ppm))	0171	0.19360	0.00720				3		034.04	0
034	Selenium (mg / kg (ppm))	0164	0.27305	0.00030				3		034.04	0
034	Selenium (mg / kg (ppm))	0407	1.5325	0.80500				3		034.43	0
034	Selenium (mg / kg (ppm))	2124	< 1					3		034.43	5
035	Sodium (%)	2115	0.07150	0.00100	0.13576	0.01389	0.00553	26	-4.63	035.31	0
035	Sodium (%)	0034	0.08645	0.00530	0.13576	0.01389	0.00553	26	-3.55	035.43	0
035	Sodium (%)	2114	0.11520	0.00920	0.13576	0.01389	0.00553	26	-1.48	035.41	0
035	Sodium (%)	0051	0.11630	0.01780	0.13576	0.01389	0.00553	26	-1.40	035.41	0
035	Sodium (%)	2207	0.12000	0.00000	0.13576	0.01389	0.00553	26	-1.14	035.42	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
035	Sodium (%)	0964	0.12805	0.00690	0.13576	0.01389	0.00553	26	-0.56	035.43	0
035	Sodium (%)	2187	0.12970	0.00380	0.13576	0.01389	0.00553	26	-0.44	035.43	0
035	Sodium (%)	0019	0.13000	0.00000	0.13576	0.01389	0.00553	26	-0.42	035.41	0
035	Sodium (%)	0098	0.13000	0.00000	0.13576	0.01389	0.00553	26	-0.42	035.41	0
035	Sodium (%)	0098	0.13000	0.02000	0.13576	0.01389	0.00553	26	-0.42	035.43	0
035	Sodium (%)	0164	0.13350	0.00100	0.13576	0.01389	0.00553	26	-0.16	035.41	0
035	Sodium (%)	0870	0.13445	0.00210	0.13576	0.01389	0.00553	26	-0.09	035.42	0
035	Sodium (%)	0510	0.13550	0.00100	0.13576	0.01389	0.00553	26	-0.02	035.43	0
035	Sodium (%)	0504	0.14000	0.00000	0.13576	0.01389	0.00553	26	0.31	035.05	0
035	Sodium (%)	0511	0.14000	0.02000	0.13576	0.01389	0.00553	26	0.31	035.41	0
035	Sodium (%)	2033	0.14000	0.00000	0.13576	0.01389	0.00553	26	0.31	035.43	0
035	Sodium (%)	0208	0.14150	0.00300	0.13576	0.01389	0.00553	26	0.41	035.41	0
035	Sodium (%)	0202	0.14500	0.00200	0.13576	0.01389	0.00553	26	0.67	035.43	0
035	Sodium (%)	2124	0.14500	0.01000	0.13576	0.01389	0.00553	26	0.67	035.43	0
035	Sodium (%)	0242	0.14500	0.01000	0.13576	0.01389	0.00553	26	0.67	035.99	0
035	Sodium (%)	0407	0.14530	0.00180	0.13576	0.01389	0.00553	26	0.69	035.41	0
035	Sodium (%)	0619	0.15000	0.00000	0.13576	0.01389	0.00553	26	1.03	035.41	0
035	Sodium (%)	0873	0.15000	0.00000	0.13576	0.01389	0.00553	26	1.03	035.41	0
035	Sodium (%)	2089	0.15000	0.00000	0.13576	0.01389	0.00553	26	1.03	035.43	0
035	Sodium (%)	0171	0.15050	0.00100	0.13576	0.01389	0.00553	26	1.06	035.41	0
035	Sodium (%)	0650	0.15500	0.02800	0.13576	0.01389	0.00553	26	1.39	035.31	0
035	Sodium (%)	0042	0.15500	0.07800	0.13576	0.01389	0.00553	26	1.39	035.43	1
035	Sodium (%)	0065	1.0300	0.00000	0.13576	0.01389	0.00553	26	64.39	035.41	2
036	Sulfur (%)	0870	0.33900	0.00900	0.37743	0.02587	0.00811	8	-1.49	036.42	0
036	Sulfur (%)	0171	0.36050	0.00300	0.37743	0.02587	0.00811	8	-0.65	036.42	0
036	Sulfur (%)	0242	0.36500	0.01000	0.37743	0.02587	0.00811	8	-0.48	036.99	0
036	Sulfur (%)	0407	0.36850	0.01500	0.37743	0.02587	0.00811	8	-0.35	036.42	0
036	Sulfur (%)	0098	0.38695	0.00490	0.37743	0.02587	0.00811	8	0.37	036.43	0
036	Sulfur (%)	0510	0.39500	0.01000	0.37743	0.02587	0.00811	8	0.68	036.43	0
036	Sulfur (%)	0202	0.39950	0.00300	0.37743	0.02587	0.00811	8	0.85	036.43	0
036	Sulfur (%)	2089	0.40500	0.01000	0.37743	0.02587	0.00811	8	1.07	036.43	0
037	Zinc (mg / kg (ppm))	0001	70.170	8.5400	83.013	8.1793	2.6890	27	-1.57	037.31	0
037	Zinc (mg / kg (ppm))	0870	71.790	1.3200	83.013	8.1793	2.6890	27	-1.37	037.42	0
037	Zinc (mg / kg (ppm))	0051	73.820	6.6600	83.013	8.1793	2.6890	27	-1.12	037.41	0
037	Zinc (mg / kg (ppm))	0074	74.500	1.0000	83.013	8.1793	2.6890	27	-1.04	037.41	0
037	Zinc (mg / kg (ppm))	0511	74.500	7.0000	83.013	8.1793	2.6890	27	-1.04	037.41	0
037	Zinc (mg / kg (ppm))	2058	75.295	4.1900	83.013	8.1793	2.6890	27	-0.94	037.43	0
037	Zinc (mg / kg (ppm))	0242	76.000	0.00000	83.013	8.1793	2.6890	27	-0.86	037.99	0
037	Zinc (mg / kg (ppm))	2115	78.985	1.0100	83.013	8.1793	2.6890	27	-0.49	037.31	0
037	Zinc (mg / kg (ppm))	0164	80.000	2.0000	83.013	8.1793	2.6890	27	-0.37	037.41	0
037	Zinc (mg / kg (ppm))	0098	81.135	0.49000	83.013	8.1793	2.6890	27	-0.23	037.43	0
037	Zinc (mg / kg (ppm))	0047	81.170	0.34000	83.013	8.1793	2.6890	27	-0.23	037.52	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
037	Zinc (mg / kg (ppm))	2114	81.386	1.1986	83.013	8.1793	2.6890	27	-0.20	037.44	0
037	Zinc (mg / kg (ppm))	0964	81.594	6.6687	83.013	8.1793	2.6890	27	-0.17	037.43	0
037	Zinc (mg / kg (ppm))	0098	82.085	0.17000	83.013	8.1793	2.6890	27	-0.11	037.41	0
037	Zinc (mg / kg (ppm))	0208	82.215	2.2900	83.013	8.1793	2.6890	27	-0.10	037.41	0
037	Zinc (mg / kg (ppm))	0019	84.035	0.75000	83.013	8.1793	2.6890	27	0.12	037.41	0
037	Zinc (mg / kg (ppm))	0510	85.000	0.00000	83.013	8.1793	2.6890	27	0.24	037.43	0
037	Zinc (mg / kg (ppm))	2124	87.165	5.6300	83.013	8.1793	2.6890	27	0.51	037.43	0
037	Zinc (mg / kg (ppm))	2207	87.500	1.0000	83.013	8.1793	2.6890	27	0.55	037.42	0
037	Zinc (mg / kg (ppm))	0042	87.700	4.6000	83.013	8.1793	2.6890	27	0.57	037.43	0
037	Zinc (mg / kg (ppm))	0202	88.608	1.8930	83.013	8.1793	2.6890	27	0.68	037.43	0
037	Zinc (mg / kg (ppm))	0027	89.015	5.7780	83.013	8.1793	2.6890	27	0.73	037.43	0
037	Zinc (mg / kg (ppm))	0619	90.400	4.6000	83.013	8.1793	2.6890	27	0.90	037.99	0
037	Zinc (mg / kg (ppm))	0407	90.870	1.7143	83.013	8.1793	2.6890	27	0.96	037.41	0
037	Zinc (mg / kg (ppm))	2033	96.600	1.0000	83.013	8.1793	2.6890	27	1.66	037.43	0
037	Zinc (mg / kg (ppm))	2089	98.685	1.5700	83.013	8.1793	2.6890	27	1.92	037.43	0
037	Zinc (mg / kg (ppm))	0171	107.31	1.1900	83.013	8.1793	2.6890	27	2.97	037.41	0
037	Zinc (mg / kg (ppm))	0034	93.605	17.990	83.013	8.1793	2.6890	27	1.29	037.43	1
038	Molybdenum (mg / kg (ppm))	0171	0.68850	0.03500				2		038.41	0
038	Molybdenum (mg / kg (ppm))	0510	1.0000	0.00000				2		038.43	0
102	Niacin (mg / kg (ppm))	0227	51.700	6.0000				1		102.01	0
103	Pantothenic Acid (mg / kg (ppm))	0227	1.6200	0.16000				1		103.01	0
104	Riboflavin (mg / kg (ppm))	0227	15.650	0.90000				1		104.00	0
105	Thiamine (mg / kg (ppm))	0227	1.9950	0.09000				1		105.01	0
106	Vitamin A (KU / kg)	0676	0.00000	0.00000				0		106.02	4
107	Vitamin B12 (µg / kg (ppb))	0227	< 4.4					0		107.00	5
108	Vitamin D3 (KU / kg)	0676	48.685	1.3700				1		108.02	0
109	Vitamin E (IU / kg)	0676	2.2000	0.40000				1		109.02	0
113	Folic Acid (mg / kg (ppm))	0227	10.750	0.50000				1		113.01	0
114	Biotin (mg / kg (ppm))	0227	0.77150	0.12100				1		114.01	0
120	Alanine (%)	0407	2.9340	0.13800	3.0819	0.17295	0.04800	9	-0.86	120.05	0
120	Alanine (%)	2023	2.9450	0.03000	3.0819	0.17295	0.04800	9	-0.79	120.02	0
120	Alanine (%)	2115	2.9520	0.06200	3.0819	0.17295	0.04800	9	-0.75	120.99	0
120	Alanine (%)	0676	2.9600	0.04000	3.0819	0.17295	0.04800	9	-0.70	120.05	0
120	Alanine (%)	0504	3.0500	0.02000	3.0819	0.17295	0.04800	9	-0.18	120.00	0
120	Alanine (%)	0619	3.0900	0.02000	3.0819	0.17295	0.04800	9	0.05	120.00	0
120	Alanine (%)	0870	3.2246	0.06000	3.0819	0.17295	0.04800	9	0.83	120.00	0
120	Alanine (%)	0227	3.2400	0.01400	3.0819	0.17295	0.04800	9	0.91	120.00	0
120	Alanine (%)	0171	3.3860	0.04800	3.0819	0.17295	0.04800	9	1.76	120.00	0
121	Arginine (%)	2115	1.8715	0.11500	2.0076	0.06826	0.04303	9	-1.99	121.99	0
121	Arginine (%)	0407	1.8910	0.13600	2.0076	0.06826	0.04303	9	-1.71	121.05	0
121	Arginine (%)	0171	2.0030	0.00200	2.0076	0.06826	0.04303	9	-0.07	121.00	0
121	Arginine (%)	2023	2.0250	0.05000	2.0076	0.06826	0.04303	9	0.26	121.02	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
121	Arginine (%)	0619	2.0350	0.03000	2.0076	0.06826	0.04303	9	0.40	121.00	0
121	Arginine (%)	0870	2.0427	0.02830	2.0076	0.06826	0.04303	9	0.51	121.00	0
121	Arginine (%)	0676	2.0450	0.01000	2.0076	0.06826	0.04303	9	0.55	121.05	0
121	Arginine (%)	0227	2.0470	0.01600	2.0076	0.06826	0.04303	9	0.58	121.00	0
121	Arginine (%)	0504	2.0600	0.00000	2.0076	0.06826	0.04303	9	0.77	121.00	0
122	Aspartic (%)	0676	3.8500	0.18000	4.0748	0.18090	0.08451	8	-1.24	122.05	0
122	Aspartic (%)	0407	3.9170	0.28000	4.0748	0.18090	0.08451	8	-0.87	122.05	0
122	Aspartic (%)	0504	3.9350	0.03000	4.0748	0.18090	0.08451	8	-0.77	122.00	0
122	Aspartic (%)	2023	4.0700	0.04000	4.0748	0.18090	0.08451	8	-0.03	122.02	0
122	Aspartic (%)	0870	4.1478	0.05110	4.0748	0.18090	0.08451	8	0.40	122.00	0
122	Aspartic (%)	0227	4.1800	0.01800	4.0748	0.18090	0.08451	8	0.58	122.00	0
122	Aspartic (%)	0619	4.1950	0.05000	4.0748	0.18090	0.08451	8	0.66	122.00	0
122	Aspartic (%)	0171	4.3035	0.02700	4.0748	0.18090	0.08451	8	1.26	122.00	0
124	Cysteine/Cystine (%)	0407	0.41950	0.10700	0.47058	0.04136	0.02538	9	-1.23	124.05	0
124	Cysteine/Cystine (%)	0870	0.43850	0.00680	0.47058	0.04136	0.02538	9	-0.78	124.00	0
124	Cysteine/Cystine (%)	0227	0.43860	0.00060	0.47058	0.04136	0.02538	9	-0.77	124.00	0
124	Cysteine/Cystine (%)	0676	0.46000	0.00000	0.47058	0.04136	0.02538	9	-0.26	124.05	0
124	Cysteine/Cystine (%)	2115	0.46050	0.01100	0.47058	0.04136	0.02538	9	-0.24	124.99	0
124	Cysteine/Cystine (%)	0504	0.49000	0.02000	0.47058	0.04136	0.02538	9	0.47	124.00	0
124	Cysteine/Cystine (%)	0619	0.49200	0.00800	0.47058	0.04136	0.02538	9	0.52	124.00	0
124	Cysteine/Cystine (%)	0171	0.50350	0.01500	0.47058	0.04136	0.02538	9	0.80	124.00	0
124	Cysteine/Cystine (%)	2023	0.55000	0.06000	0.47058	0.04136	0.02538	9	1.92	124.02	0
125	Glutamic (%)	0676	4.5000	0.22000	5.5344	0.57269	0.10900	9	-1.81	125.05	0
125	Glutamic (%)	0504	4.9800	0.08000	5.5344	0.57269	0.10900	9	-0.97	125.00	0
125	Glutamic (%)	0171	5.1890	0.02600	5.5344	0.57269	0.10900	9	-0.60	125.00	0
125	Glutamic (%)	2115	5.5210	0.09800	5.5344	0.57269	0.10900	9	-0.02	125.99	0
125	Glutamic (%)	0407	5.5390	0.30000	5.5344	0.57269	0.10900	9	0.01	125.05	0
125	Glutamic (%)	0227	5.8235	0.01700	5.5344	0.57269	0.10900	9	0.50	125.00	0
125	Glutamic (%)	2023	5.8850	0.09000	5.5344	0.57269	0.10900	9	0.61	125.02	0
125	Glutamic (%)	0619	5.9700	0.04000	5.5344	0.57269	0.10900	9	0.76	125.00	0
125	Glutamic (%)	0870	6.2267	0.11000	5.5344	0.57269	0.10900	9	1.21	125.00	0
126	Glycine (%)	0171	1.7805	0.00100	1.9314	0.10380	0.03424	8	-1.45	126.00	0
126	Glycine (%)	2115	1.8740	0.08000	1.9314	0.10380	0.03424	8	-0.55	126.99	0
126	Glycine (%)	0870	1.8765	0.00490	1.9314	0.10380	0.03424	8	-0.53	126.00	0
126	Glycine (%)	0619	1.8850	0.03000	1.9314	0.10380	0.03424	8	-0.45	126.00	0
126	Glycine (%)	0407	1.9730	0.10200	1.9314	0.10380	0.03424	8	0.40	126.05	0
126	Glycine (%)	0227	2.0020	0.01600	1.9314	0.10380	0.03424	8	0.68	126.00	0
126	Glycine (%)	0676	2.0050	0.03000	1.9314	0.10380	0.03424	8	0.71	126.05	0
126	Glycine (%)	0504	2.0550	0.01000	1.9314	0.10380	0.03424	8	1.19	126.00	0
127	Histidine (%)	0171	0.87350	0.00300	1.0155	0.07389	0.01187	9	-1.92	127.00	0
127	Histidine (%)	2023	0.95500	0.01000	1.0155	0.07389	0.01187	9	-0.82	127.02	0
127	Histidine (%)	0870	0.98610	0.00080	1.0155	0.07389	0.01187	9	-0.40	127.00	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
127	Histidine (%)	0407	1.0050	0.04000	1.0155	0.07389	0.01187	9	-0.14	127.05	0
127	Histidine (%)	0227	1.0125	0.00700	1.0155	0.07389	0.01187	9	-0.04	127.00	0
127	Histidine (%)	0676	1.0150	0.01000	1.0155	0.07389	0.01187	9	-0.01	127.05	0
127	Histidine (%)	0619	1.0650	0.03000	1.0155	0.07389	0.01187	9	0.67	127.00	0
127	Histidine (%)	2115	1.0760	0.00600	1.0155	0.07389	0.01187	9	0.82	127.99	0
127	Histidine (%)	0504	1.1200	0.00000	1.0155	0.07389	0.01187	9	1.41	127.00	0
128	Isoleucine (%)	0171	1.8600	0.01600	1.9936	0.12208	0.01814	8	-1.09	128.00	0
128	Isoleucine (%)	0619	1.9050	0.03000	1.9936	0.12208	0.01814	8	-0.73	128.00	0
128	Isoleucine (%)	2023	1.9100	0.00000	1.9936	0.12208	0.01814	8	-0.68	128.02	0
128	Isoleucine (%)	2115	1.9695	0.03900	1.9936	0.12208	0.01814	8	-0.20	128.99	0
128	Isoleucine (%)	0870	2.0061	0.01310	1.9936	0.12208	0.01814	8	0.10	128.00	0
128	Isoleucine (%)	0676	2.0100	0.02000	1.9936	0.12208	0.01814	8	0.13	128.05	0
128	Isoleucine (%)	0227	2.1115	0.01700	1.9936	0.12208	0.01814	8	0.97	128.00	0
128	Isoleucine (%)	0504	2.2050	0.01000	1.9936	0.12208	0.01814	8	1.73	128.00	0
128	Isoleucine (%)	0407	2.0520	0.14200	1.9936	0.12208	0.01814	8	0.48	128.05	1
129	Leucine (%)	2115	3.3590	0.05200	3.4635	0.06873	0.04796	9	-1.52	129.99	0
129	Leucine (%)	2023	3.4200	0.02000	3.4635	0.06873	0.04796	9	-0.63	129.02	0
129	Leucine (%)	0407	3.4315	0.16900	3.4635	0.06873	0.04796	9	-0.47	129.05	0
129	Leucine (%)	0676	3.4400	0.10000	3.4635	0.06873	0.04796	9	-0.34	129.05	0
129	Leucine (%)	0870	3.4699	0.02960	3.4635	0.06873	0.04796	9	0.09	129.00	0
129	Leucine (%)	0619	3.4750	0.01000	3.4635	0.06873	0.04796	9	0.17	129.00	0
129	Leucine (%)	0171	3.4780	0.01400	3.4635	0.06873	0.04796	9	0.21	129.00	0
129	Leucine (%)	0504	3.5300	0.02000	3.4635	0.06873	0.04796	9	0.97	129.00	0
129	Leucine (%)	0227	3.6055	0.01700	3.4635	0.06873	0.04796	9	2.07	129.00	0
130	L-Lysine (%)	0171	2.3015	0.05100	2.9381	0.17290	0.04611	9	-3.68	130.00	0
130	L-Lysine (%)	0407	2.8265	0.15900	2.9381	0.17290	0.04611	9	-0.65	130.05	0
130	L-Lysine (%)	0619	2.8700	0.04000	2.9381	0.17290	0.04611	9	-0.39	130.00	0
130	L-Lysine (%)	2023	2.8750	0.01000	2.9381	0.17290	0.04611	9	-0.36	130.02	0
130	L-Lysine (%)	2115	2.8775	0.03900	2.9381	0.17290	0.04611	9	-0.35	130.99	0
130	L-Lysine (%)	0676	2.9750	0.03000	2.9381	0.17290	0.04611	9	0.21	130.05	0
130	L-Lysine (%)	0870	3.0984	0.04500	2.9381	0.17290	0.04611	9	0.93	130.00	0
130	L-Lysine (%)	0227	3.1115	0.02100	2.9381	0.17290	0.04611	9	1.00	130.00	0
130	L-Lysine (%)	0504	3.1300	0.02000	2.9381	0.17290	0.04611	9	1.11	130.00	0
131	Methionine (%)	0619	0.64050	0.00300	0.71518	0.05377	0.02207	9	-1.39	131.00	0
131	Methionine (%)	2115	0.66150	0.01500	0.71518	0.05377	0.02207	9	-1.00	131.99	0
131	Methionine (%)	0171	0.69800	0.04000	0.71518	0.05377	0.02207	9	-0.32	131.00	0
131	Methionine (%)	2023	0.70000	0.00000	0.71518	0.05377	0.02207	9	-0.28	131.02	0
131	Methionine (%)	0870	0.71695	0.03350	0.71518	0.05377	0.02207	9	0.03	131.00	0
131	Methionine (%)	0504	0.72500	0.01000	0.71518	0.05377	0.02207	9	0.18	131.00	0
131	Methionine (%)	0227	0.74435	0.00610	0.71518	0.05377	0.02207	9	0.54	131.00	0
131	Methionine (%)	0407	0.75450	0.08100	0.71518	0.05377	0.02207	9	0.73	131.05	0
131	Methionine (%)	0676	0.91500	0.01000	0.71518	0.05377	0.02207	9	3.72	131.05	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
132	Phenylalanine (%)	2115	1.7775	0.00300	1.8857	0.08623	0.02970	9	-1.25	132.99	0
132	Phenylalanine (%)	0870	1.8165	0.02530	1.8857	0.08623	0.02970	9	-0.80	132.00	0
132	Phenylalanine (%)	2023	1.8450	0.01000	1.8857	0.08623	0.02970	9	-0.47	132.02	0
132	Phenylalanine (%)	0171	1.8615	0.04100	1.8857	0.08623	0.02970	9	-0.28	132.00	0
132	Phenylalanine (%)	0407	1.8815	0.10100	1.8857	0.08623	0.02970	9	-0.05	132.05	0
132	Phenylalanine (%)	0227	1.8895	0.00700	1.8857	0.08623	0.02970	9	0.04	132.00	0
132	Phenylalanine (%)	0676	1.8950	0.07000	1.8857	0.08623	0.02970	9	0.11	132.05	0
132	Phenylalanine (%)	0619	1.9950	0.01000	1.8857	0.08623	0.02970	9	1.27	132.00	0
132	Phenylalanine (%)	0504	2.0100	0.00000	1.8857	0.08623	0.02970	9	1.44	132.00	0
133	Proline (%)	0870	1.7241	0.01780	1.9363	0.05857	0.04487	9	-3.62	133.00	0
133	Proline (%)	0619	1.8800	0.02000	1.9363	0.05857	0.04487	9	-0.96	133.00	0
133	Proline (%)	0407	1.9175	0.08900	1.9363	0.05857	0.04487	9	-0.32	133.05	0
133	Proline (%)	0676	1.9200	0.06000	1.9363	0.05857	0.04487	9	-0.28	133.05	0
133	Proline (%)	2023	1.9400	0.02000	1.9363	0.05857	0.04487	9	0.06	133.99	0
133	Proline (%)	0504	1.9450	0.05000	1.9363	0.05857	0.04487	9	0.15	133.00	0
133	Proline (%)	0227	1.9800	0.04000	1.9363	0.05857	0.04487	9	0.75	133.00	0
133	Proline (%)	2115	1.9860	0.02400	1.9363	0.05857	0.04487	9	0.85	133.99	0
133	Proline (%)	0171	2.0095	0.08300	1.9363	0.05857	0.04487	9	1.25	133.00	0
134	Serine (%)	0504	1.7850	0.03000	2.0394	0.17849	0.02551	9	-1.43	134.00	0
134	Serine (%)	0407	1.8470	0.02200	2.0394	0.17849	0.02551	9	-1.08	134.05	0
134	Serine (%)	2115	1.9740	0.00800	2.0394	0.17849	0.02551	9	-0.37	134.99	0
134	Serine (%)	0676	2.0000	0.04000	2.0394	0.17849	0.02551	9	-0.22	134.05	0
134	Serine (%)	2023	2.0250	0.03000	2.0394	0.17849	0.02551	9	-0.08	134.02	0
134	Serine (%)	0227	2.1165	0.00900	2.0394	0.17849	0.02551	9	0.43	134.00	0
134	Serine (%)	0171	2.1605	0.01300	2.0394	0.17849	0.02551	9	0.68	134.00	0
134	Serine (%)	0619	2.1900	0.06000	2.0394	0.17849	0.02551	9	0.84	134.00	0
134	Serine (%)	0870	2.2565	0.01760	2.0394	0.17849	0.02551	9	1.22	134.00	0
135	Threonine (%)	0407	1.8095	0.07700	2.0864	0.10530	0.03563	9	-2.63	135.05	0
135	Threonine (%)	2115	1.9865	0.01700	2.0864	0.10530	0.03563	9	-0.95	135.99	0
135	Threonine (%)	0504	2.0400	0.02000	2.0864	0.10530	0.03563	9	-0.44	135.00	0
135	Threonine (%)	2023	2.0700	0.02000	2.0864	0.10530	0.03563	9	-0.16	135.02	0
135	Threonine (%)	0676	2.1050	0.09000	2.0864	0.10530	0.03563	9	0.18	135.05	0
135	Threonine (%)	0619	2.1300	0.04000	2.0864	0.10530	0.03563	9	0.41	135.00	0
135	Threonine (%)	0227	2.1305	0.00900	2.0864	0.10530	0.03563	9	0.42	135.00	0
135	Threonine (%)	0870	2.1427	0.03970	2.0864	0.10530	0.03563	9	0.53	135.00	0
135	Threonine (%)	0171	2.3180	0.00800	2.0864	0.10530	0.03563	9	2.20	135.00	0
136	Tryptophan (%)	2023	0.44000	0.02000	0.50788	0.05949	0.02030	7	-1.14	136.02	0
136	Tryptophan (%)	0870	0.45380	0.00440	0.50788	0.05949	0.02030	7	-0.91	136.00	0
136	Tryptophan (%)	0504	0.48000	0.02000	0.50788	0.05949	0.02030	7	-0.47	136.99	0
136	Tryptophan (%)	0619	0.50500	0.02000	0.50788	0.05949	0.02030	7	-0.05	136.00	0
136	Tryptophan (%)	0227	0.55000	0.04000	0.50788	0.05949	0.02030	7	0.71	136.00	0
136	Tryptophan (%)	2114	0.55085	0.01270	0.50788	0.05949	0.02030	7	0.72	136.99	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
136	Tryptophan (%)	0407	0.57550	0.02500	0.50788	0.05949	0.02030	7	1.14	136.05	0
137	Tyrosine (%)	0227	1.3255	0.02900	1.4944	0.13303	0.04406	8	-1.27	137.00	0
137	Tyrosine (%)	2115	1.4090	0.06800	1.4944	0.13303	0.04406	8	-0.64	137.99	0
137	Tyrosine (%)	2023	1.4200	0.00000	1.4944	0.13303	0.04406	8	-0.56	137.02	0
137	Tyrosine (%)	0407	1.4585	0.07700	1.4944	0.13303	0.04406	8	-0.27	137.05	0
137	Tyrosine (%)	0870	1.4720	0.02650	1.4944	0.13303	0.04406	8	-0.17	137.00	0
137	Tyrosine (%)	0676	1.5950	0.11000	1.4944	0.13303	0.04406	8	0.76	137.05	0
137	Tyrosine (%)	0171	1.6050	0.02200	1.4944	0.13303	0.04406	8	0.83	137.00	0
137	Tyrosine (%)	0504	1.6700	0.02000	1.4944	0.13303	0.04406	8	1.32	137.00	0
138	Valine (%)	0171	2.1830	0.00600	2.3959	0.15928	0.05328	9	-1.34	138.00	0
138	Valine (%)	0619	2.2200	0.06000	2.3959	0.15928	0.05328	9	-1.10	138.00	0
138	Valine (%)	2023	2.2650	0.03000	2.3959	0.15928	0.05328	9	-0.82	138.02	0
138	Valine (%)	0870	2.3937	0.02150	2.3959	0.15928	0.05328	9	-0.01	138.00	0
138	Valine (%)	2115	2.4220	0.04200	2.3959	0.15928	0.05328	9	0.16	138.99	0
138	Valine (%)	0676	2.4900	0.10000	2.3959	0.15928	0.05328	9	0.59	138.05	0
138	Valine (%)	0504	2.5150	0.01000	2.3959	0.15928	0.05328	9	0.75	138.00	0
138	Valine (%)	0227	2.5160	0.03800	2.3959	0.15928	0.05328	9	0.75	138.00	0
138	Valine (%)	0407	2.5580	0.17200	2.3959	0.15928	0.05328	9	1.02	138.05	0
139	Taurine (%)	0407	0.01650	0.00100				3		139.05	0
139	Taurine (%)	0504	0.09500	0.01000				3		139.00	0
139	Taurine (%)	2115	0.17150	0.01100				3		139.99	0
160	Fructose (%)	0619	0.00000	0.00000				0		160.99	4
162	Glucose (%)	0619	0.00000	0.00000				0		162.99	4
163	Lactose (%)	0619	0.00000	0.00000				0		163.99	4
165	Sucrose (%)	0619	0.00000	0.00000				0		165.99	4
166	Raffinose (%)	0619	0.00000	0.00000				0		166.99	4
167	Stachyose (%)	0619	0.00000	0.00000				0		167.99	4
400	Water Activity (Units)	0407	0.36855	0.00110				1		400.01	0
516	Arsenic, Total (mg / kg (ppm))	0171	0.03280	0.00040				3		516.00	0
516	Arsenic, Total (mg / kg (ppm))	0227	0.05700	0.01600				3		516.53	0
516	Arsenic, Total (mg / kg (ppm))	0407	1.2335	0.41300				3		516.43	0
516	Arsenic, Total (mg / kg (ppm))	2124	< 0.89					3		516.43	5
518	Cadmium (mg / kg (ppm))	0227	< 0.01					0		518.53	5
518	Cadmium (mg / kg (ppm))	0171	< 0.05					0		518.41	5
518	Cadmium (mg / kg (ppm))	2124	< 0.16					0		518.43	5
520	Chromium (mg / kg (ppm))	0510	0.38500	0.01000				2		520.43	0
520	Chromium (mg / kg (ppm))	0171	0.71650	0.04100				2		520.41	0
526	Lead (mg / kg (ppm))	0227	0.02600	0.00200				1		526.53	0
526	Lead (mg / kg (ppm))	0171	< 0.05					1		526.41	5
539	Nickel (mg / kg (ppm))	0171	0.60750	0.01100				1		539.41	0
710	Lauric Acid (12:0) (%) (w/w)	2124	< 0.01					0		710.99	5
714	Myristic Acid (14:0) (%) (w/w)	2124	< 0.01					0		714.99	5

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
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716	Palmitic Acid (16:0) (% (w/w))	2124	1.0800	0.02000				1	716.99	0	
718	Palmitoleic Acid (9c-16:1) (% (w/w))	2124	0.01000	0.00000				1	718.99	0	
722	Stearic Acid (18:0) (% (w/w))	2124	0.20000	0.00000				1	722.99	0	
724	Oleic Acid (9c-18:1) (% (w/w))	2124	0.37000	0.00000				1	724.99	0	
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	2124	1.5750	0.03000				1	726.99	0	
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w))	2124	0.09000	0.00000				1	728.99	0	
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c) (% (w/w))	2124	< 0.01					0	740.99	5	
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c) (% (w/w))	2124	< 0.01					0	750.99	5	
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (% (w/w))	2124	0.10000	0.00000				1	754.99	0	
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (% (w/w))	2124	1.5900	0.02000				1	756.99	0	
772	Total Fatty Acids (% (w/w))	2124	3.3550	0.05000				1	772.99	0	

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 5 = A reporting limit and 4 = zeros submitted as values. 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). Flag 3 indicates not used in statistics.