



**AAFCO**  
Proficiency Testing Program



**Blood Meal** **Pet Food Scheme**  
**Test Material Code # 201841** **# Labs Reporting: 49**  
**Analyte Proficiency Testing Report** **Issue Date : 03/31/2018**

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 (%)	0676	8.9300	0.26000	9.7562	0.21862	0.09348	25	-3.78	001.99	0
001	Loss on Drying (%)	0845	9.0350	0.01000	9.7562	0.21862	0.09348	25	-3.30	001.07	0
001	Loss on Drying (%)	0889	9.2250	0.05000	9.7562	0.21862	0.09348	25	-2.43	001.99	0
001	Loss on Drying (%)	0630	9.2450	0.29000	9.7562	0.21862	0.09348	25	-2.34	001.99	0
001	Loss on Drying (%)	0074	9.3300	0.06000	9.7562	0.21862	0.09348	25	-1.95	001.07	0
001	Loss on Drying (%)	2115	9.6720	0.00200	9.7562	0.21862	0.09348	25	-0.39	001.07	0
001	Loss on Drying (%)	0098	9.6850	0.05000	9.7562	0.21862	0.09348	25	-0.33	001.07	0
001	Loss on Drying (%)	0619	9.7300	0.14000	9.7562	0.21862	0.09348	25	-0.12	001.03	0
001	Loss on Drying (%)	0015	9.7400	0.00000	9.7562	0.21862	0.09348	25	-0.07	001.07	0
001	Loss on Drying (%)	0034	9.7575	0.15500	9.7562	0.21862	0.09348	25	0.01	001.99	0
001	Loss on Drying (%)	2058	9.7600	0.00000	9.7562	0.21862	0.09348	25	0.02	001.03	0
001	Loss on Drying (%)	0171	9.7650	0.01000	9.7562	0.21862	0.09348	25	0.04	001.07	0
001	Loss on Drying (%)	0873	9.7650	0.07000	9.7562	0.21862	0.09348	25	0.04	001.07	0
001	Loss on Drying (%)	0510	9.8000	0.20000	9.7562	0.21862	0.09348	25	0.20	001.99	0
001	Loss on Drying (%)	0019	9.8050	0.27000	9.7562	0.21862	0.09348	25	0.22	001.07	0
001	Loss on Drying (%)	2124	9.8200	0.02000	9.7562	0.21862	0.09348	25	0.29	001.03	0
001	Loss on Drying (%)	0656	9.8600	0.14000	9.7562	0.21862	0.09348	25	0.47	001.99	0
001	Loss on Drying (%)	0065	9.9000	0.00000	9.7562	0.21862	0.09348	25	0.66	001.07	0
001	Loss on Drying (%)	0504	9.9150	0.03000	9.7562	0.21862	0.09348	25	0.73	001.00	0
001	Loss on Drying (%)	0027	9.9185	0.07100	9.7562	0.21862	0.09348	25	0.74	001.00	0
001	Loss on Drying (%)	0309	9.9200	0.02000	9.7562	0.21862	0.09348	25	0.75	001.00	0
001	Loss on Drying (%)	0407	9.9353	0.01890	9.7562	0.21862	0.09348	25	0.82	001.07	0
001	Loss on Drying (%)	2187	9.9550	0.39000	9.7562	0.21862	0.09348	25	0.91	001.07	0
001	Loss on Drying (%)	2156	10.005	0.01000	9.7562	0.21862	0.09348	25	1.14	001.07	0
001	Loss on Drying (%)	0876	10.055	0.07000	9.7562	0.21862	0.09348	25	1.37	001.07	0
001	Loss on Drying (%)	2136	8.9600	0.82000	9.7562	0.21862	0.09348	25	-3.64	001.99	1
002	Protein, Crude (%)	2058	91.660	0.24000	93.437	0.61732	0.45210	50	-2.88	002.05	0
002	Protein, Crude (%)	0676	92.185	0.75000	93.437	0.61732	0.45210	50	-2.03	002.06	0
002	Protein, Crude (%)	2136	92.250	1.3000	93.437	0.61732	0.45210	50	-1.92	002.05	0
002	Protein, Crude (%)	0164	92.395	0.23000	93.437	0.61732	0.45210	50	-1.69	002.01	0
002	Protein, Crude (%)	0619	92.500	0.40000	93.437	0.61732	0.45210	50	-1.52	002.01	0
002	Protein, Crude (%)	0845	92.540	2.0200	93.437	0.61732	0.45210	50	-1.45	002.00	0
002	Protein, Crude (%)	0504	92.750	1.6800	93.437	0.61732	0.45210	50	-1.11	002.04	0
002	Protein, Crude (%)	2162	92.800	0.78000	93.437	0.61732	0.45210	50	-1.03	002.06	0
002	Protein, Crude (%)	0656	92.865	0.13000	93.437	0.61732	0.45210	50	-0.93	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 (%)	0164	92.925	0.05000	93.437	0.61732	0.45210	50	-0.83	002.06	0
002	Protein, Crude (%)	0870	92.946	0.30900	93.437	0.61732	0.45210	50	-0.80	002.01	0
002	Protein, Crude (%)	0047	93.050	0.10000	93.437	0.61732	0.45210	50	-0.63	002.06	0
002	Protein, Crude (%)	2115	93.087	0.19100	93.437	0.61732	0.45210	50	-0.57	002.05	0
002	Protein, Crude (%)	0619	93.100	0.00000	93.437	0.61732	0.45210	50	-0.55	002.06	0
002	Protein, Crude (%)	0074	93.125	0.03000	93.437	0.61732	0.45210	50	-0.51	002.06	0
002	Protein, Crude (%)	0098	93.150	0.70000	93.437	0.61732	0.45210	50	-0.47	002.06	0
002	Protein, Crude (%)	0202	93.150	0.02000	93.437	0.61732	0.45210	50	-0.47	002.06	0
002	Protein, Crude (%)	0042	93.160	0.28000	93.437	0.61732	0.45210	50	-0.45	002.02	0
002	Protein, Crude (%)	0001	93.225	0.67000	93.437	0.61732	0.45210	50	-0.34	002.06	0
002	Protein, Crude (%)	0171	93.250	0.40000	93.437	0.61732	0.45210	50	-0.30	002.06	0
002	Protein, Crude (%)	0019	93.355	0.61000	93.437	0.61732	0.45210	50	-0.13	002.06	0
002	Protein, Crude (%)	2089	93.375	2.0500	93.437	0.61732	0.45210	50	-0.10	002.06	0
002	Protein, Crude (%)	0957	93.395	0.49000	93.437	0.61732	0.45210	50	-0.07	002.06	0
002	Protein, Crude (%)	2156	93.460	0.42000	93.437	0.61732	0.45210	50	0.04	002.06	0
002	Protein, Crude (%)	0873	93.480	0.46000	93.437	0.61732	0.45210	50	0.07	002.06	0
002	Protein, Crude (%)	0051	93.500	0.20000	93.437	0.61732	0.45210	50	0.10	002.06	0
002	Protein, Crude (%)	0504	93.530	0.14000	93.437	0.61732	0.45210	50	0.15	002.06	0
002	Protein, Crude (%)	0553	93.545	0.67000	93.437	0.61732	0.45210	50	0.17	002.06	0
002	Protein, Crude (%)	0870	93.553	0.51870	93.437	0.61732	0.45210	50	0.19	002.06	0
002	Protein, Crude (%)	0042	93.585	0.39000	93.437	0.61732	0.45210	50	0.24	002.06	0
002	Protein, Crude (%)	0510	93.650	0.10000	93.437	0.61732	0.45210	50	0.34	002.06	0
002	Protein, Crude (%)	2058	93.665	0.01000	93.437	0.61732	0.45210	50	0.37	002.06	0
002	Protein, Crude (%)	2124	93.665	0.01000	93.437	0.61732	0.45210	50	0.37	002.06	0
002	Protein, Crude (%)	0015	93.675	0.15000	93.437	0.61732	0.45210	50	0.39	002.06	0
002	Protein, Crude (%)	2050	93.680	0.16000	93.437	0.61732	0.45210	50	0.39	002.06	0
002	Protein, Crude (%)	0511	93.780	0.02000	93.437	0.61732	0.45210	50	0.56	002.06	0
002	Protein, Crude (%)	0309	93.806	0.24100	93.437	0.61732	0.45210	50	0.60	002.06	0
002	Protein, Crude (%)	2122	93.810	0.00000	93.437	0.61732	0.45210	50	0.60	002.04	0
002	Protein, Crude (%)	0650	93.950	0.10000	93.437	0.61732	0.45210	50	0.83	002.06	0
002	Protein, Crude (%)	0034	93.963	0.18500	93.437	0.61732	0.45210	50	0.85	002.06	0
002	Protein, Crude (%)	0630	94.025	1.0500	93.437	0.61732	0.45210	50	0.95	002.06	0
002	Protein, Crude (%)	0964	94.039	0.28100	93.437	0.61732	0.45210	50	0.97	002.06	0
002	Protein, Crude (%)	2033	94.050	0.10000	93.437	0.61732	0.45210	50	0.99	002.06	0
002	Protein, Crude (%)	0508	94.057	0.28800	93.437	0.61732	0.45210	50	1.00	002.06	0
002	Protein, Crude (%)	0208	94.100	2.0000	93.437	0.61732	0.45210	50	1.07	002.06	0
002	Protein, Crude (%)	0065	94.168	0.09550	93.437	0.61732	0.45210	50	1.18	002.06	0
002	Protein, Crude (%)	0407	94.231	0.61600	93.437	0.61732	0.45210	50	1.29	002.06	0
002	Protein, Crude (%)	0876	94.425	0.57000	93.437	0.61732	0.45210	50	1.60	002.06	0
002	Protein, Crude (%)	2187	94.620	0.38000	93.437	0.61732	0.45210	50	1.92	002.06	0
002	Protein, Crude (%)	0958	94.870	0.02000	93.437	0.61732	0.45210	50	2.32	002.06	0
002	Protein, Crude (%)	0615	106.55	0.20000	93.437	0.61732	0.45210	50	21.24	002.06	2

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 (%)	0051	0.20000	0.00000	0.46556	0.16824	0.08251	28	-1.58	003.10	0
003	Fat, Crude (%)	0876	0.24500	0.01000	0.46556	0.16824	0.08251	28	-1.31	003.14	0
003	Fat, Crude (%)	2136	0.28500	0.13000	0.46556	0.16824	0.08251	28	-1.07	003.10	0
003	Fat, Crude (%)	2089	0.29000	0.02000	0.46556	0.16824	0.08251	28	-1.04	003.10	0
003	Fat, Crude (%)	2115	0.31050	0.00700	0.46556	0.16824	0.08251	28	-0.92	003.14	0
003	Fat, Crude (%)	0615	0.32750	0.06500	0.46556	0.16824	0.08251	28	-0.82	003.00	0
003	Fat, Crude (%)	0508	0.37790	0.14780	0.46556	0.16824	0.08251	28	-0.52	003.09	0
003	Fat, Crude (%)	0619	0.37950	0.13700	0.46556	0.16824	0.08251	28	-0.51	003.14	0
003	Fat, Crude (%)	0407	0.38960	0.01940	0.46556	0.16824	0.08251	28	-0.45	003.14	0
003	Fat, Crude (%)	0202	0.39000	0.04000	0.46556	0.16824	0.08251	28	-0.45	003.14	0
003	Fat, Crude (%)	0630	0.39500	0.05000	0.46556	0.16824	0.08251	28	-0.42	003.09	0
003	Fat, Crude (%)	2162	0.39500	0.05000	0.46556	0.16824	0.08251	28	-0.42	003.10	0
003	Fat, Crude (%)	2115	0.40500	0.00000	0.46556	0.16824	0.08251	28	-0.36	003.00	0
003	Fat, Crude (%)	0171	0.45500	0.19000	0.46556	0.16824	0.08251	28	-0.06	003.12	0
003	Fat, Crude (%)	0676	0.46000	0.02000	0.46556	0.16824	0.08251	28	-0.03	003.10	0
003	Fat, Crude (%)	0047	0.47000	0.00000	0.46556	0.16824	0.08251	28	0.03	003.99	0
003	Fat, Crude (%)	2058	0.47500	0.01000	0.46556	0.16824	0.08251	28	0.06	003.12	0
003	Fat, Crude (%)	2187	0.48500	0.11000	0.46556	0.16824	0.08251	28	0.12	003.06	0
003	Fat, Crude (%)	0504	0.50500	0.07000	0.46556	0.16824	0.08251	28	0.23	003.01	0
003	Fat, Crude (%)	0870	0.52370	0.00560	0.46556	0.16824	0.08251	28	0.35	003.10	0
003	Fat, Crude (%)	0098	0.56000	0.28000	0.46556	0.16824	0.08251	28	0.56	003.10	0
003	Fat, Crude (%)	0019	0.57000	0.20000	0.46556	0.16824	0.08251	28	0.62	003.14	0
003	Fat, Crude (%)	0309	0.59705	0.09850	0.46556	0.16824	0.08251	28	0.78	003.00	0
003	Fat, Crude (%)	0098	0.66000	0.26000	0.46556	0.16824	0.08251	28	1.16	003.09	0
003	Fat, Crude (%)	0098	0.75500	0.25000	0.46556	0.16824	0.08251	28	1.72	003.13	0
003	Fat, Crude (%)	0511	0.77000	0.02000	0.46556	0.16824	0.08251	28	1.81	003.06	0
003	Fat, Crude (%)	0656	1.2650	0.03000	0.46556	0.16824	0.08251	28	4.75	003.09	0
003	Fat, Crude (%)	2033	1.5150	0.09000	0.46556	0.16824	0.08251	28	6.24	003.00	0
004	Fiber, Crude (%)	0619	0.09000	0.02800	0.27762	0.14050	0.06821	16	-1.34	004.07	0
004	Fiber, Crude (%)	2115	0.12000	0.00000	0.27762	0.14050	0.06821	16	-1.12	004.06	0
004	Fiber, Crude (%)	0511	0.15000	0.10000	0.27762	0.14050	0.06821	16	-0.91	004.00	0
004	Fiber, Crude (%)	0309	0.15985	0.00030	0.27762	0.14050	0.06821	16	-0.84	004.00	0
004	Fiber, Crude (%)	2115	0.21700	0.01600	0.27762	0.14050	0.06821	16	-0.43	004.07	0
004	Fiber, Crude (%)	0171	0.25000	0.04000	0.27762	0.14050	0.06821	16	-0.20	004.00	0
004	Fiber, Crude (%)	0504	0.25500	0.03000	0.27762	0.14050	0.06821	16	-0.16	004.00	0
004	Fiber, Crude (%)	2058	0.26500	0.01000	0.27762	0.14050	0.06821	16	-0.09	004.03	0
004	Fiber, Crude (%)	0407	0.27990	0.02700	0.27762	0.14050	0.06821	16	0.02	004.07	0
004	Fiber, Crude (%)	0676	0.29000	0.06000	0.27762	0.14050	0.06821	16	0.09	004.06	0
004	Fiber, Crude (%)	0553	0.29500	0.25000	0.27762	0.14050	0.06821	16	0.12	004.07	0
004	Fiber, Crude (%)	0015	0.30000	0.08000	0.27762	0.14050	0.06821	16	0.16	004.07	0
004	Fiber, Crude (%)	0656	0.30500	0.03000	0.27762	0.14050	0.06821	16	0.19	004.06	0
004	Fiber, Crude (%)	2089	0.65000	0.24000	0.27762	0.14050	0.06821	16	2.65	004.03	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	
004	Fiber, Crude (%)	0019	0.72500	0.05000	0.27762	0.14050	0.06821	16	3.18	004.07	0
004	Fiber, Crude (%)	0876	0.87500	0.13000	0.27762	0.14050	0.06821	16	4.25	004.07	0
004	Fiber, Crude (%)	0845	1.3650	0.79000	0.27762	0.14050	0.06821	16	7.74	004.06	1
004	Fiber, Crude (%)	0870	< 0.1		0.27762	0.14050	0.06821	16		004.07	5
004	Fiber, Crude (%)	2124	< 0.1		0.27762	0.14050	0.06821	16		004.07	5
004	Fiber, Crude (%)	2033	< 0.2		0.27762	0.14050	0.06821	16		004.03	5
005	Ash (%)	0202	1.6250	0.01000	1.7616	0.06309	0.05775	39	-2.17	005.99	0
005	Ash (%)	0019	1.6500	0.10000	1.7616	0.06309	0.05775	39	-1.77	005.00	0
005	Ash (%)	0957	1.6550	0.09000	1.7616	0.06309	0.05775	39	-1.69	005.00	0
005	Ash (%)	0889	1.6800	0.08000	1.7616	0.06309	0.05775	39	-1.29	005.05	0
005	Ash (%)	0511	1.6850	0.13000	1.7616	0.06309	0.05775	39	-1.21	005.00	0
005	Ash (%)	0309	1.6900	0.00000	1.7616	0.06309	0.05775	39	-1.14	005.00	0
005	Ash (%)	0208	1.6950	0.07000	1.7616	0.06309	0.05775	39	-1.06	005.00	0
005	Ash (%)	0001	1.6967	0.00180	1.7616	0.06309	0.05775	39	-1.03	005.00	0
005	Ash (%)	0964	1.7025	0.08700	1.7616	0.06309	0.05775	39	-0.94	005.00	0
005	Ash (%)	0027	1.7315	0.01500	1.7616	0.06309	0.05775	39	-0.48	005.00	0
005	Ash (%)	0407	1.7329	0.00870	1.7616	0.06309	0.05775	39	-0.46	005.00	0
005	Ash (%)	0630	1.7350	0.11000	1.7616	0.06309	0.05775	39	-0.42	005.00	0
005	Ash (%)	2115	1.7350	0.07000	1.7616	0.06309	0.05775	39	-0.42	005.00	0
005	Ash (%)	0553	1.7450	0.11000	1.7616	0.06309	0.05775	39	-0.26	005.00	0
005	Ash (%)	0870	1.7465	0.01980	1.7616	0.06309	0.05775	39	-0.24	005.00	0
005	Ash (%)	0015	1.7500	0.02000	1.7616	0.06309	0.05775	39	-0.18	005.00	0
005	Ash (%)	0051	1.7500	0.10000	1.7616	0.06309	0.05775	39	-0.18	005.00	0
005	Ash (%)	0958	1.7500	0.04000	1.7616	0.06309	0.05775	39	-0.18	005.00	0
005	Ash (%)	0065	1.7550	0.05000	1.7616	0.06309	0.05775	39	-0.11	005.05	0
005	Ash (%)	0510	1.7600	0.16000	1.7616	0.06309	0.05775	39	-0.03	005.00	0
005	Ash (%)	2058	1.7650	0.01000	1.7616	0.06309	0.05775	39	0.05	005.05	0
005	Ash (%)	0171	1.7750	0.01000	1.7616	0.06309	0.05775	39	0.21	005.00	0
005	Ash (%)	0047	1.7800	0.04000	1.7616	0.06309	0.05775	39	0.29	005.00	0
005	Ash (%)	0164	1.7850	0.01000	1.7616	0.06309	0.05775	39	0.37	005.00	0
005	Ash (%)	0615	1.7850	0.07000	1.7616	0.06309	0.05775	39	0.37	005.00	0
005	Ash (%)	0876	1.7850	0.01000	1.7616	0.06309	0.05775	39	0.37	005.00	0
005	Ash (%)	2162	1.7850	0.11000	1.7616	0.06309	0.05775	39	0.37	005.00	0
005	Ash (%)	2050	1.7900	0.14000	1.7616	0.06309	0.05775	39	0.45	005.05	0
005	Ash (%)	0098	1.7950	0.03000	1.7616	0.06309	0.05775	39	0.53	005.00	0
005	Ash (%)	0845	1.8050	0.05000	1.7616	0.06309	0.05775	39	0.69	005.00	0
005	Ash (%)	2187	1.8150	0.03000	1.7616	0.06309	0.05775	39	0.85	005.03	0
005	Ash (%)	0676	1.8150	0.01000	1.7616	0.06309	0.05775	39	0.85	005.99	0
005	Ash (%)	0873	1.8200	0.06000	1.7616	0.06309	0.05775	39	0.93	005.00	0
005	Ash (%)	0656	1.8300	0.02000	1.7616	0.06309	0.05775	39	1.08	005.00	0
005	Ash (%)	2136	1.8300	0.02000	1.7616	0.06309	0.05775	39	1.08	005.99	0
005	Ash (%)	2124	1.8400	0.02000	1.7616	0.06309	0.05775	39	1.24	005.00	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	
005	Ash (%)	2033	1.8500	0.10000	1.7616	0.06309	0.05775	39	1.40	005.00	0
005	Ash (%)	0504	1.8850	0.13000	1.7616	0.06309	0.05775	39	1.96	005.00	0
005	Ash (%)	2089	2.0650	0.11000	1.7616	0.06309	0.05775	39	4.81	005.00	0
005	Ash (%)	0650	1.8750	0.31000	1.7616	0.06309	0.05775	39	1.80	005.00	1
006	Total Sugars (%)	0407	0.02000	0.04000				0		006.01	4
008	Fiber, Acid Detergent (%)	0676	0.06500	0.01000	0.94258	1.0370	0.26582	6	-0.85	008.02	0
008	Fiber, Acid Detergent (%)	0309	0.10000	0.00000	0.94258	1.0370	0.26582	6	-0.81	008.02	0
008	Fiber, Acid Detergent (%)	0015	0.60500	0.23000	0.94258	1.0370	0.26582	6	-0.33	008.08	0
008	Fiber, Acid Detergent (%)	0164	1.0500	0.90000	0.94258	1.0370	0.26582	6	0.10	008.08	0
008	Fiber, Acid Detergent (%)	0870	1.3375	0.21490	0.94258	1.0370	0.26582	6	0.38	008.08	0
008	Fiber, Acid Detergent (%)	2115	2.7100	0.24000	0.94258	1.0370	0.26582	6	1.70	008.08	0
009	Fiber, Neutral Detergent (%)	2115	0.28500	0.01000	0.73369	0.46329	0.07410	5		009.09	0
009	Fiber, Neutral Detergent (%)	0676	0.51500	0.01000	0.73369	0.46329	0.07410	5		009.07	0
009	Fiber, Neutral Detergent (%)	0015	0.66000	0.16000	0.73369	0.46329	0.07410	5		009.09	0
009	Fiber, Neutral Detergent (%)	0870	0.69840	0.04920	0.73369	0.46329	0.07410	5		009.09	0
009	Fiber, Neutral Detergent (%)	0309	1.5101	0.14130	0.73369	0.46329	0.07410	5		009.07	0
010	Moisture (%)	2089	9.2400	0.30000				2		010.99	0
010	Moisture (%)	2033	10.065	0.01000				2		010.99	0
011	Loss on Drying (%)	0615	9.6750	0.05000	10.106	0.18458	0.09159	19	-2.33	011.01	0
011	Loss on Drying (%)	0164	9.9100	0.02000	10.106	0.18458	0.09159	19	-1.06	011.01	0
011	Loss on Drying (%)	0407	9.9125	0.00410	10.106	0.18458	0.09159	19	-1.05	011.01	0
011	Loss on Drying (%)	0511	9.9150	0.37000	10.106	0.18458	0.09159	19	-1.03	011.01	0
011	Loss on Drying (%)	0958	9.9150	0.13000	10.106	0.18458	0.09159	19	-1.03	011.01	0
011	Loss on Drying (%)	0047	10.040	0.04000	10.106	0.18458	0.09159	19	-0.36	011.01	0
011	Loss on Drying (%)	0957	10.040	0.36000	10.106	0.18458	0.09159	19	-0.36	011.01	0
011	Loss on Drying (%)	2033	10.075	0.01000	10.106	0.18458	0.09159	19	-0.17	011.01	0
011	Loss on Drying (%)	0171	10.080	0.10000	10.106	0.18458	0.09159	19	-0.14	011.01	0
011	Loss on Drying (%)	0051	10.105	0.17000	10.106	0.18458	0.09159	19	0.00	011.01	0
011	Loss on Drying (%)	0309	10.105	0.03000	10.106	0.18458	0.09159	19	0.00	011.01	0
011	Loss on Drying (%)	0876	10.110	0.02000	10.106	0.18458	0.09159	19	0.02	011.01	0
011	Loss on Drying (%)	0202	10.200	0.04000	10.106	0.18458	0.09159	19	0.51	011.01	0
011	Loss on Drying (%)	0510	10.200	0.00000	10.106	0.18458	0.09159	19	0.51	011.01	0
011	Loss on Drying (%)	0650	10.270	0.16000	10.106	0.18458	0.09159	19	0.89	011.01	0
011	Loss on Drying (%)	0208	10.300	0.00000	10.106	0.18458	0.09159	19	1.05	011.01	0
011	Loss on Drying (%)	2162	10.305	0.01000	10.106	0.18458	0.09159	19	1.08	011.01	0
011	Loss on Drying (%)	0870	10.312	0.02610	10.106	0.18458	0.09159	19	1.12	011.01	0
011	Loss on Drying (%)	0098	10.410	0.20000	10.106	0.18458	0.09159	19	1.65	011.01	0
011	Loss on Drying (%)	0553	9.6750	0.59000	10.106	0.18458	0.09159	19	-2.33	011.01	1
012	Starch (%)	0870	< 0.45					0		012.01	5
013	Fat, Acid Pretreat (%)	0845	0.26500	0.05000	0.97207	0.43892	0.06176	23	-1.61	013.10	0
013	Fat, Acid Pretreat (%)	0407	0.29000	0.04000	0.97207	0.43892	0.06176	23	-1.55	013.00	0
013	Fat, Acid Pretreat (%)	2162	0.37500	0.07000	0.97207	0.43892	0.06176	23	-1.36	013.10	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	
013	Fat, Acid Pretreat (%)	0504	0.49000	0.02000	0.97207	0.43892	0.06176	23	-1.10	013.00	0
013	Fat, Acid Pretreat (%)	2156	0.55500	0.17000	0.97207	0.43892	0.06176	23	-0.95	013.00	0
013	Fat, Acid Pretreat (%)	2115	0.56100	0.02800	0.97207	0.43892	0.06176	23	-0.94	013.00	0
013	Fat, Acid Pretreat (%)	0042	0.72500	0.01000	0.97207	0.43892	0.06176	23	-0.56	013.13	0
013	Fat, Acid Pretreat (%)	0873	0.87000	0.08000	0.97207	0.43892	0.06176	23	-0.23	013.02	0
013	Fat, Acid Pretreat (%)	0019	0.87000	0.08000	0.97207	0.43892	0.06176	23	-0.23	013.13	0
013	Fat, Acid Pretreat (%)	0309	0.93380	0.13080	0.97207	0.43892	0.06176	23	-0.09	013.00	0
013	Fat, Acid Pretreat (%)	0958	1.0350	0.05000	0.97207	0.43892	0.06176	23	0.14	013.02	0
013	Fat, Acid Pretreat (%)	0208	1.0600	0.04000	0.97207	0.43892	0.06176	23	0.20	013.02	0
013	Fat, Acid Pretreat (%)	0676	1.1200	0.04000	0.97207	0.43892	0.06176	23	0.34	013.02	0
013	Fat, Acid Pretreat (%)	0065	1.1350	0.03000	0.97207	0.43892	0.06176	23	0.37	013.02	0
013	Fat, Acid Pretreat (%)	0171	1.1400	0.02000	0.97207	0.43892	0.06176	23	0.38	013.02	0
013	Fat, Acid Pretreat (%)	0650	1.2200	0.10000	0.97207	0.43892	0.06176	23	0.56	013.02	0
013	Fat, Acid Pretreat (%)	0957	1.2550	0.25000	0.97207	0.43892	0.06176	23	0.64	013.02	0
013	Fat, Acid Pretreat (%)	0553	1.2700	0.04000	0.97207	0.43892	0.06176	23	0.68	013.02	0
013	Fat, Acid Pretreat (%)	0098	1.3000	0.04000	0.97207	0.43892	0.06176	23	0.75	013.00	0
013	Fat, Acid Pretreat (%)	0001	1.3201	0.01190	0.97207	0.43892	0.06176	23	0.79	013.02	0
013	Fat, Acid Pretreat (%)	0870	1.3650	0.02980	0.97207	0.43892	0.06176	23	0.90	013.02	0
013	Fat, Acid Pretreat (%)	0164	1.5000	0.08000	0.97207	0.43892	0.06176	23	1.20	013.02	0
013	Fat, Acid Pretreat (%)	0202	1.7850	0.01000	0.97207	0.43892	0.06176	23	1.85	013.00	0
013	Fat, Acid Pretreat (%)	0019	1.0400	0.38000	0.97207	0.43892	0.06176	23	0.15	013.02	1
013	Fat, Acid Pretreat (%)	0615	80.550	0.10000	0.97207	0.43892	0.06176	23	181.30	013.00	2
013	Fat, Acid Pretreat (%)	2124	< 0.1		0.97207	0.43892	0.06176	23		013.10	5
015	Aluminum (mg / kg (ppm))	0510	2.5000	1.0000				3		015.43	0
015	Aluminum (mg / kg (ppm))	0171	4.6650	0.03000				3		015.41	0
015	Aluminum (mg / kg (ppm))	2033	25.500	6.4000				3		015.43	0
017	Boron (mg / kg (ppm))	0510	10.000	0.00000				1		017.43	0
017	Boron (mg / kg (ppm))	2033	< 0.5					1		017.43	5
019	Calcium (%)	2124	0.02500	0.01000	0.04788	0.01189	0.00543	29	-1.93	019.43	0
019	Calcium (%)	2115	0.02950	0.00100	0.04788	0.01189	0.00543	29	-1.55	019.00	0
019	Calcium (%)	2136	0.03450	0.00100	0.04788	0.01189	0.00543	29	-1.13	019.43	0
019	Calcium (%)	0870	0.03875	0.00230	0.04788	0.01189	0.00543	29	-0.77	019.42	0
019	Calcium (%)	2058	0.03950	0.00100	0.04788	0.01189	0.00543	29	-0.71	019.43	0
019	Calcium (%)	0065	0.03950	0.00100	0.04788	0.01189	0.00543	29	-0.71	019.44	0
019	Calcium (%)	0511	0.04000	0.00000	0.04788	0.01189	0.00543	29	-0.66	019.41	0
019	Calcium (%)	0510	0.04000	0.00000	0.04788	0.01189	0.00543	29	-0.66	019.43	0
019	Calcium (%)	0964	0.04085	0.00890	0.04788	0.01189	0.00543	29	-0.59	019.43	0
019	Calcium (%)	0208	0.04100	0.00200	0.04788	0.01189	0.00543	29	-0.58	019.41	0
019	Calcium (%)	0650	0.04250	0.00300	0.04788	0.01189	0.00543	29	-0.45	019.31	0
019	Calcium (%)	0553	0.04250	0.00640	0.04788	0.01189	0.00543	29	-0.45	019.53	0
019	Calcium (%)	2187	0.04420	0.00240	0.04788	0.01189	0.00543	29	-0.31	019.43	0
019	Calcium (%)	0034	0.04480	0.00600	0.04788	0.01189	0.00543	29	-0.26	019.43	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	
019	Calcium (%)	0051	0.04500	0.01000	0.04788	0.01189	0.00543	29	-0.24	019.41	0
019	Calcium (%)	0164	0.04750	0.00100	0.04788	0.01189	0.00543	29	-0.03	019.41	0
019	Calcium (%)	0098	0.04850	0.00320	0.04788	0.01189	0.00543	29	0.05	019.43	0
019	Calcium (%)	0407	0.04890	0.00200	0.04788	0.01189	0.00543	29	0.09	019.41	0
019	Calcium (%)	2033	0.04900	0.00400	0.04788	0.01189	0.00543	29	0.09	019.43	0
019	Calcium (%)	0098	0.05380	0.00540	0.04788	0.01189	0.00543	29	0.50	019.41	0
019	Calcium (%)	0074	0.05500	0.01000	0.04788	0.01189	0.00543	29	0.60	019.41	0
019	Calcium (%)	0873	0.05500	0.01000	0.04788	0.01189	0.00543	29	0.60	019.44	0
019	Calcium (%)	0619	0.05550	0.01900	0.04788	0.01189	0.00543	29	0.64	019.99	0
019	Calcium (%)	0019	0.06000	0.00000	0.04788	0.01189	0.00543	29	1.02	019.41	0
019	Calcium (%)	0047	0.06150	0.00500	0.04788	0.01189	0.00543	29	1.15	019.52	0
019	Calcium (%)	0171	0.06350	0.00300	0.04788	0.01189	0.00543	29	1.31	019.41	0
019	Calcium (%)	0656	0.08000	0.00000	0.04788	0.01189	0.00543	29	2.70	019.32	0
019	Calcium (%)	0676	0.10500	0.03000	0.04788	0.01189	0.00543	29	4.81	019.99	0
019	Calcium (%)	2089	0.19500	0.01000	0.04788	0.01189	0.00543	29	12.38	019.43	0
019	Calcium (%)	0042	0.08300	0.07600	0.04788	0.01189	0.00543	29	2.95	019.42	1
019	Calcium (%)	0504	0.10000	0.05800	0.04788	0.01189	0.00543	29	4.39	019.42	1
021	Cobalt (mg / kg (ppm))	0964	0.10925	0.00050				1		021.43	0
021	Cobalt (mg / kg (ppm))	0171	< 0.05					1		021.41	5
021	Cobalt (mg / kg (ppm))	2033	< 0.1					1		021.43	5
022	Copper (mg / kg (ppm))	2124	2.8500	0.12000	3.6867	0.76891	0.69593	21	-1.09	022.43	0
022	Copper (mg / kg (ppm))	0964	2.9386	0.10540	3.6867	0.76891	0.69593	21	-0.97	022.43	0
022	Copper (mg / kg (ppm))	2033	2.9500	0.30000	3.6867	0.76891	0.69593	21	-0.96	022.43	0
022	Copper (mg / kg (ppm))	0510	3.0000	0.00000	3.6867	0.76891	0.69593	21	-0.89	022.43	0
022	Copper (mg / kg (ppm))	0208	3.0420	0.84200	3.6867	0.76891	0.69593	21	-0.84	022.41	0
022	Copper (mg / kg (ppm))	0508	3.0850	0.14520	3.6867	0.76891	0.69593	21	-0.78	022.43	0
022	Copper (mg / kg (ppm))	0870	3.2010	0.15600	3.6867	0.76891	0.69593	21	-0.63	022.42	0
022	Copper (mg / kg (ppm))	0164	3.2500	0.30000	3.6867	0.76891	0.69593	21	-0.57	022.41	0
022	Copper (mg / kg (ppm))	0098	3.3250	0.01000	3.6867	0.76891	0.69593	21	-0.47	022.43	0
022	Copper (mg / kg (ppm))	0027	3.3690	0.05600	3.6867	0.76891	0.69593	21	-0.41	022.43	0
022	Copper (mg / kg (ppm))	0553	3.4750	0.09000	3.6867	0.76891	0.69593	21	-0.28	022.53	0
022	Copper (mg / kg (ppm))	0098	3.4900	0.54000	3.6867	0.76891	0.69593	21	-0.26	022.41	0
022	Copper (mg / kg (ppm))	0511	3.9000	1.4000	3.6867	0.76891	0.69593	21	0.28	022.41	0
022	Copper (mg / kg (ppm))	2136	4.0200	0.04000	3.6867	0.76891	0.69593	21	0.43	022.43	0
022	Copper (mg / kg (ppm))	0619	4.0600	0.22000	3.6867	0.76891	0.69593	21	0.49	022.99	0
022	Copper (mg / kg (ppm))	0047	4.1300	0.02000	3.6867	0.76891	0.69593	21	0.58	022.52	0
022	Copper (mg / kg (ppm))	0074	4.5000	1.0000	3.6867	0.76891	0.69593	21	1.06	022.41	0
022	Copper (mg / kg (ppm))	0051	4.5700	2.4600	3.6867	0.76891	0.69593	21	1.15	022.41	0
022	Copper (mg / kg (ppm))	0171	4.5850	0.01000	3.6867	0.76891	0.69593	21	1.17	022.41	0
022	Copper (mg / kg (ppm))	0019	4.9700	3.0200	3.6867	0.76891	0.69593	21	1.67	022.41	0
022	Copper (mg / kg (ppm))	2089	8.0200	3.7800	3.6867	0.76891	0.69593	21	5.64	022.43	0
022	Copper (mg / kg (ppm))	0042	9.6450	8.1100	3.6867	0.76891	0.69593	21	7.75	022.42	1

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			
022	Copper (mg / kg (ppm))	0407	27.479	0.33510	3.6867	0.76891	0.69593	21	<b>30.94</b>	022.41	2
022	Copper (mg / kg (ppm))	0656	0.00000	0.00000	3.6867	0.76891	0.69593	21		022.32	4
022	Copper (mg / kg (ppm))	2058	< 3.35		3.6867	0.76891	0.69593	21		022.43	5
025	Iron (mg / kg (ppm))	0619	1,629.5	55.000	2,560.0	152.72	90.750	27	<b>-6.09</b>	025.99	0
025	Iron (mg / kg (ppm))	0019	2,155.5	85.000	2,560.0	152.72	90.750	27	<b>-2.65</b>	025.41	0
025	Iron (mg / kg (ppm))	2058	2,327.7	44.483	2,560.0	152.72	90.750	27	<b>-1.52</b>	025.43	0
025	Iron (mg / kg (ppm))	2114	2,328.2	2.8900	2,560.0	152.72	90.750	27	<b>-1.52</b>	025.41	0
025	Iron (mg / kg (ppm))	0098	2,410.5	391.00	2,560.0	152.72	90.750	27	<b>-0.98</b>	025.41	0
025	Iron (mg / kg (ppm))	0098	2,428.0	164.00	2,560.0	152.72	90.750	27	<b>-0.86</b>	025.43	0
025	Iron (mg / kg (ppm))	0510	2,440.0	20.000	2,560.0	152.72	90.750	27	<b>-0.79</b>	025.43	0
025	Iron (mg / kg (ppm))	0511	2,453.5	187.00	2,560.0	152.72	90.750	27	<b>-0.70</b>	025.41	0
025	Iron (mg / kg (ppm))	0171	2,513.5	1.0000	2,560.0	152.72	90.750	27	<b>-0.30</b>	025.41	0
025	Iron (mg / kg (ppm))	0051	2,536.0	42.000	2,560.0	152.72	90.750	27	<b>-0.16</b>	025.41	0
025	Iron (mg / kg (ppm))	0074	2,571.0	30.000	2,560.0	152.72	90.750	27	<b>0.07</b>	025.41	0
025	Iron (mg / kg (ppm))	0553	2,575.0	90.000	2,560.0	152.72	90.750	27	<b>0.10</b>	025.53	0
025	Iron (mg / kg (ppm))	2033	2,600.0	0.00000	2,560.0	152.72	90.750	27	<b>0.26</b>	025.43	0
025	Iron (mg / kg (ppm))	0508	2,603.7	55.900	2,560.0	152.72	90.750	27	<b>0.29</b>	025.43	0
025	Iron (mg / kg (ppm))	0208	2,604.5	77.000	2,560.0	152.72	90.750	27	<b>0.29</b>	025.41	0
025	Iron (mg / kg (ppm))	0034	2,609.5	299.00	2,560.0	152.72	90.750	27	<b>0.32</b>	025.43	0
025	Iron (mg / kg (ppm))	0656	2,610.7	7.9200	2,560.0	152.72	90.750	27	<b>0.33</b>	025.32	0
025	Iron (mg / kg (ppm))	0964	2,621.2	120.37	2,560.0	152.72	90.750	27	<b>0.40</b>	025.43	0
025	Iron (mg / kg (ppm))	0870	2,632.0	126.00	2,560.0	152.72	90.750	27	<b>0.47</b>	025.42	0
025	Iron (mg / kg (ppm))	0407	2,648.2	15.979	2,560.0	152.72	90.750	27	<b>0.58</b>	025.41	0
025	Iron (mg / kg (ppm))	0047	2,664.5	27.000	2,560.0	152.72	90.750	27	<b>0.68</b>	025.52	0
025	Iron (mg / kg (ppm))	0164	2,670.0	60.000	2,560.0	152.72	90.750	27	<b>0.72</b>	025.41	0
025	Iron (mg / kg (ppm))	2089	2,674.1	102.72	2,560.0	152.72	90.750	27	<b>0.75</b>	025.43	0
025	Iron (mg / kg (ppm))	0042	2,675.5	49.000	2,560.0	152.72	90.750	27	<b>0.76</b>	025.42	0
025	Iron (mg / kg (ppm))	0001	2,686.5	85.000	2,560.0	152.72	90.750	27	<b>0.83</b>	025.31	0
025	Iron (mg / kg (ppm))	2124	2,779.0	22.000	2,560.0	152.72	90.750	27	<b>1.43</b>	025.43	0
025	Iron (mg / kg (ppm))	2136	2,885.0	290.00	2,560.0	152.72	90.750	27	<b>2.13</b>	025.43	0
027	Magnesium (%)	0019	0.01000	0.00000	0.01380	0.00166	0.00084	28	<b>-2.28</b>	027.41	0
027	Magnesium (%)	0510	0.01000	0.00000	0.01380	0.00166	0.00084	28	<b>-2.28</b>	027.43	0
027	Magnesium (%)	2089	0.01000	0.00000	0.01380	0.00166	0.00084	28	<b>-2.28</b>	027.43	0
027	Magnesium (%)	2124	0.01000	0.00000	0.01380	0.00166	0.00084	28	<b>-2.28</b>	027.43	0
027	Magnesium (%)	0870	0.01080	0.00040	0.01380	0.00166	0.00084	28	<b>-1.80</b>	027.42	0
027	Magnesium (%)	2058	0.01200	0.00000	0.01380	0.00166	0.00084	28	<b>-1.08</b>	027.43	0
027	Magnesium (%)	0164	0.01250	0.00100	0.01380	0.00166	0.00084	28	<b>-0.78</b>	027.41	0
027	Magnesium (%)	0034	0.01335	0.00010	0.01380	0.00166	0.00084	28	<b>-0.27</b>	027.43	0
027	Magnesium (%)	0051	0.01360	0.00020	0.01380	0.00166	0.00084	28	<b>-0.12</b>	027.41	0
027	Magnesium (%)	2136	0.01395	0.00010	0.01380	0.00166	0.00084	28	<b>0.09</b>	027.43	0
027	Magnesium (%)	0553	0.01395	0.00030	0.01380	0.00166	0.00084	28	<b>0.09</b>	027.53	0
027	Magnesium (%)	0074	0.01400	0.00000	0.01380	0.00166	0.00084	28	<b>0.12</b>	027.41	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			
027	Magnesium (%)	0208	0.01400	0.00000	0.01380	0.00166	0.00084	28	0.12	027.41	0
027	Magnesium (%)	0511	0.01400	0.00000	0.01380	0.00166	0.00084	28	0.12	027.41	0
027	Magnesium (%)	2033	0.01400	0.00000	0.01380	0.00166	0.00084	28	0.12	027.43	0
027	Magnesium (%)	0508	0.01410	0.00000	0.01380	0.00166	0.00084	28	0.18	027.43	0
027	Magnesium (%)	0650	0.01450	0.00300	0.01380	0.00166	0.00084	28	0.42	027.31	0
027	Magnesium (%)	0098	0.01450	0.00080	0.01380	0.00166	0.00084	28	0.42	027.41	0
027	Magnesium (%)	0171	0.01450	0.00100	0.01380	0.00166	0.00084	28	0.42	027.41	0
027	Magnesium (%)	0619	0.01450	0.00100	0.01380	0.00166	0.00084	28	0.42	027.99	0
027	Magnesium (%)	0407	0.01465	0.00010	0.01380	0.00166	0.00084	28	0.51	027.41	0
027	Magnesium (%)	0656	0.01500	0.01000	0.01380	0.00166	0.00084	28	0.73	027.32	0
027	Magnesium (%)	0042	0.01500	0.00200	0.01380	0.00166	0.00084	28	0.73	027.42	0
027	Magnesium (%)	0873	0.01500	0.00000	0.01380	0.00166	0.00084	28	0.73	027.44	0
027	Magnesium (%)	2187	0.01530	0.00060	0.01380	0.00166	0.00084	28	0.91	027.43	0
027	Magnesium (%)	0098	0.01535	0.00090	0.01380	0.00166	0.00084	28	0.94	027.43	0
027	Magnesium (%)	0065	0.01600	0.00200	0.01380	0.00166	0.00084	28	1.33	027.44	0
027	Magnesium (%)	0047	0.01600	0.00000	0.01380	0.00166	0.00084	28	1.33	027.52	0
027	Magnesium (%)	0964	134.67	3.2610	0.01380	0.00166	0.00084	28	81035.20	027.43	2
028	Manganese (mg / kg (ppm))	2033	0.18500	0.07000	0.51273	0.35125	0.15970	12	-0.93	028.43	0
028	Manganese (mg / kg (ppm))	2124	0.22000	0.00000	0.51273	0.35125	0.15970	12	-0.83	028.43	0
028	Manganese (mg / kg (ppm))	0619	0.23550	0.01100	0.51273	0.35125	0.15970	12	-0.79	028.99	0
028	Manganese (mg / kg (ppm))	0171	0.37850	0.00300	0.51273	0.35125	0.15970	12	-0.38	028.41	0
028	Manganese (mg / kg (ppm))	2136	0.37900	0.02000	0.51273	0.35125	0.15970	12	-0.38	028.53	0
028	Manganese (mg / kg (ppm))	0051	0.42500	0.09000	0.51273	0.35125	0.15970	12	-0.25	028.41	0
028	Manganese (mg / kg (ppm))	0508	0.43540	0.05000	0.51273	0.35125	0.15970	12	-0.22	028.43	0
028	Manganese (mg / kg (ppm))	2089	0.44000	0.46000	0.51273	0.35125	0.15970	12	-0.21	028.43	0
028	Manganese (mg / kg (ppm))	0047	0.44800	0.01800	0.51273	0.35125	0.15970	12	-0.18	028.52	0
028	Manganese (mg / kg (ppm))	0019	0.93000	0.24000	0.51273	0.35125	0.15970	12	1.19	028.41	0
028	Manganese (mg / kg (ppm))	0964	1.0368	0.85440	0.51273	0.35125	0.15970	12	1.49	028.43	0
028	Manganese (mg / kg (ppm))	0164	1.0500	0.10000	0.51273	0.35125	0.15970	12	1.53	028.41	0
028	Manganese (mg / kg (ppm))	0407	16.615	1.9912	0.51273	0.35125	0.15970	12	45.84	028.41	2
028	Manganese (mg / kg (ppm))	0074	0.50000	1.0000	0.51273	0.35125	0.15970	12		028.41	4
028	Manganese (mg / kg (ppm))	0870	< 1		0.51273	0.35125	0.15970	12		028.42	5
028	Manganese (mg / kg (ppm))	0098	< 1.25		0.51273	0.35125	0.15970	12		028.41	5
028	Manganese (mg / kg (ppm))	0098	< 1.66		0.51273	0.35125	0.15970	12		028.43	5
028	Manganese (mg / kg (ppm))	2058	< 3.35		0.51273	0.35125	0.15970	12		028.43	5
031	Phosphorus (%)	0019	0.14000	0.00000	0.16612	0.01035	0.00595	34	-2.52	031.41	0
031	Phosphorus (%)	0870	0.15060	0.00860	0.16612	0.01035	0.00595	34	-1.50	031.42	0
031	Phosphorus (%)	2058	0.15150	0.00100	0.16612	0.01035	0.00595	34	-1.41	031.43	0
031	Phosphorus (%)	0098	0.15225	0.00870	0.16612	0.01035	0.00595	34	-1.34	031.41	0
031	Phosphorus (%)	0042	0.15450	0.00100	0.16612	0.01035	0.00595	34	-1.12	031.42	0
031	Phosphorus (%)	0511	0.16000	0.00000	0.16612	0.01035	0.00595	34	-0.59	031.01	0
031	Phosphorus (%)	2124	0.16000	0.00000	0.16612	0.01035	0.00595	34	-0.59	031.43	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			
031	Phosphorus (%)	0873	0.16000	0.00000	0.16612	0.01035	0.00595	34	-0.59	031.44	0
031	Phosphorus (%)	0676	0.16000	0.02000	0.16612	0.01035	0.00595	34	-0.59	031.99	0
031	Phosphorus (%)	0051	0.16125	0.00390	0.16612	0.01035	0.00595	34	-0.47	031.41	0
031	Phosphorus (%)	0034	0.16155	0.00210	0.16612	0.01035	0.00595	34	-0.44	031.43	0
031	Phosphorus (%)	2187	0.16170	0.00520	0.16612	0.01035	0.00595	34	-0.43	031.43	0
031	Phosphorus (%)	2033	0.16250	0.00100	0.16612	0.01035	0.00595	34	-0.35	031.43	0
031	Phosphorus (%)	0619	0.16300	0.01000	0.16612	0.01035	0.00595	34	-0.30	031.99	0
031	Phosphorus (%)	0098	0.16390	0.01160	0.16612	0.01035	0.00595	34	-0.21	031.43	0
031	Phosphorus (%)	0508	0.16420	0.00460	0.16612	0.01035	0.00595	34	-0.19	031.43	0
031	Phosphorus (%)	0208	0.16450	0.00500	0.16612	0.01035	0.00595	34	-0.16	031.41	0
031	Phosphorus (%)	2089	0.16500	0.01000	0.16612	0.01035	0.00595	34	-0.11	031.43	0
031	Phosphorus (%)	0964	0.16530	0.00420	0.16612	0.01035	0.00595	34	-0.08	031.43	0
031	Phosphorus (%)	0208	0.16550	0.00300	0.16612	0.01035	0.00595	34	-0.06	031.01	0
031	Phosphorus (%)	0164	0.16650	0.00100	0.16612	0.01035	0.00595	34	0.04	031.41	0
031	Phosphorus (%)	0656	0.17000	0.02000	0.16612	0.01035	0.00595	34	0.38	031.01	0
031	Phosphorus (%)	2058	0.17000	0.02000	0.16612	0.01035	0.00595	34	0.38	031.01	0
031	Phosphorus (%)	0074	0.17000	0.00000	0.16612	0.01035	0.00595	34	0.38	031.41	0
031	Phosphorus (%)	0171	0.17000	0.00000	0.16612	0.01035	0.00595	34	0.38	031.41	0
031	Phosphorus (%)	0650	0.17050	0.00100	0.16612	0.01035	0.00595	34	0.42	031.01	0
031	Phosphorus (%)	2115	0.17550	0.00100	0.16612	0.01035	0.00595	34	0.91	031.01	0
031	Phosphorus (%)	0407	0.17605	0.00950	0.16612	0.01035	0.00595	34	0.96	031.41	0
031	Phosphorus (%)	0553	0.17850	0.00500	0.16612	0.01035	0.00595	34	1.20	031.53	0
031	Phosphorus (%)	0047	0.18000	0.00000	0.16612	0.01035	0.00595	34	1.34	031.42	0
031	Phosphorus (%)	0510	0.18000	0.00000	0.16612	0.01035	0.00595	34	1.34	031.43	0
031	Phosphorus (%)	0065	0.18000	0.02000	0.16612	0.01035	0.00595	34	1.34	031.44	0
031	Phosphorus (%)	2136	0.18150	0.01500	0.16612	0.01035	0.00595	34	1.49	031.43	0
031	Phosphorus (%)	0504	0.19500	0.01000	0.16612	0.01035	0.00595	34	2.79	031.03	0
031	Phosphorus (%)	0504	0.17900	0.03800	0.16612	0.01035	0.00595	34	1.24	031.42	1
032	Potassium (%)	0019	0.28500	0.03000	0.37111	0.03541	0.01717	32	-2.43	032.41	0
032	Potassium (%)	0407	0.31115	0.00130	0.37111	0.03541	0.01717	32	-1.69	032.41	0
032	Potassium (%)	0074	0.31500	0.01000	0.37111	0.03541	0.01717	32	-1.58	032.41	0
032	Potassium (%)	0619	0.32350	0.00900	0.37111	0.03541	0.01717	32	-1.34	032.99	0
032	Potassium (%)	2114	0.32510	0.00680	0.37111	0.03541	0.01717	32	-1.30	032.44	0
032	Potassium (%)	0650	0.33000	0.02000	0.37111	0.03541	0.01717	32	-1.16	032.31	0
032	Potassium (%)	0873	0.33500	0.01000	0.37111	0.03541	0.01717	32	-1.02	032.44	0
032	Potassium (%)	0098	0.35500	0.05000	0.37111	0.03541	0.01717	32	-0.45	032.41	0
032	Potassium (%)	0171	0.35950	0.00300	0.37111	0.03541	0.01717	32	-0.33	032.41	0
032	Potassium (%)	0065	0.36000	0.04000	0.37111	0.03541	0.01717	32	-0.31	032.44	0
032	Potassium (%)	0164	0.36100	0.02200	0.37111	0.03541	0.01717	32	-0.29	032.41	0
032	Potassium (%)	0051	0.36415	0.01370	0.37111	0.03541	0.01717	32	-0.20	032.41	0
032	Potassium (%)	2058	0.36600	0.00200	0.37111	0.03541	0.01717	32	-0.14	032.43	0
032	Potassium (%)	0656	0.37000	0.00000	0.37111	0.03541	0.01717	32	-0.03	032.32	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 (%)	0510	0.37000	0.00000	0.37111	0.03541	0.01717	32	-0.03	032.43	0
032	Potassium (%)	0511	0.37500	0.05000	0.37111	0.03541	0.01717	32	0.11	032.41	0
032	Potassium (%)	2089	0.37500	0.03000	0.37111	0.03541	0.01717	32	0.11	032.43	0
032	Potassium (%)	0964	0.37580	0.02300	0.37111	0.03541	0.01717	32	0.13	032.43	0
032	Potassium (%)	0042	0.37850	0.01500	0.37111	0.03541	0.01717	32	0.21	032.42	0
032	Potassium (%)	0034	0.38235	0.01730	0.37111	0.03541	0.01717	32	0.32	032.43	0
032	Potassium (%)	0208	0.38300	0.00400	0.37111	0.03541	0.01717	32	0.34	032.41	0
032	Potassium (%)	0504	0.38500	0.01000	0.37111	0.03541	0.01717	32	0.39	032.02	0
032	Potassium (%)	2033	0.38500	0.01000	0.37111	0.03541	0.01717	32	0.39	032.43	0
032	Potassium (%)	0098	0.39000	0.02000	0.37111	0.03541	0.01717	32	0.53	032.43	0
032	Potassium (%)	0870	0.39210	0.01240	0.37111	0.03541	0.01717	32	0.59	032.42	0
032	Potassium (%)	0553	0.39800	0.00800	0.37111	0.03541	0.01717	32	0.76	032.53	0
032	Potassium (%)	0504	0.40200	0.03000	0.37111	0.03541	0.01717	32	0.87	032.42	0
032	Potassium (%)	2187	0.40210	0.02180	0.37111	0.03541	0.01717	32	0.88	032.43	0
032	Potassium (%)	2124	0.41500	0.01000	0.37111	0.03541	0.01717	32	1.24	032.43	0
032	Potassium (%)	0047	0.41500	0.03000	0.37111	0.03541	0.01717	32	1.24	032.42	0
032	Potassium (%)	0508	0.43915	0.03310	0.37111	0.03541	0.01717	32	1.92	032.43	0
032	Potassium (%)	2136	0.44050	0.00700	0.37111	0.03541	0.01717	32	1.96	032.43	0
033	Salt as chloride (%)	0407	0.23650	0.01700	0.29233	0.04771	0.01379	9	-1.17	033.01	0
033	Salt as chloride (%)	0504	0.25000	0.02000	0.29233	0.04771	0.01379	9	-0.89	033.00	0
033	Salt as chloride (%)	0164	0.26000	0.00000	0.29233	0.04771	0.01379	9	-0.68	033.01	0
033	Salt as chloride (%)	0650	0.26500	0.03000	0.29233	0.04771	0.01379	9	-0.57	033.01	0
033	Salt as chloride (%)	0510	0.30000	0.00000	0.29233	0.04771	0.01379	9	0.16	033.01	0
033	Salt as chloride (%)	0309	0.30195	0.02610	0.29233	0.04771	0.01379	9	0.20	033.00	0
033	Salt as chloride (%)	2115	0.32250	0.00100	0.29233	0.04771	0.01379	9	0.63	033.01	0
033	Salt as chloride (%)	0098	0.33500	0.03000	0.29233	0.04771	0.01379	9	0.89	033.01	0
033	Salt as chloride (%)	0656	0.36000	0.00000	0.29233	0.04771	0.01379	9	1.42	033.03	0
033	Salt as chloride (%)	2033	< 0.1		0.29233	0.04771	0.01379	9		033.05	5
034	Selenium (mg / kg (ppm))	0964	0.82300	0.13120	1.2756	0.34257	0.10424	5		034.43	0
034	Selenium (mg / kg (ppm))	0164	1.1150	0.17000	1.2756	0.34257	0.10424	5		034.04	0
034	Selenium (mg / kg (ppm))	0553	1.2050	0.03000	1.2756	0.34257	0.10424	5		034.53	0
034	Selenium (mg / kg (ppm))	2033	1.6150	0.01000	1.2756	0.34257	0.10424	5		034.53	0
034	Selenium (mg / kg (ppm))	2124	1.6200	0.18000	1.2756	0.34257	0.10424	5		034.43	0
035	Sodium (%)	0510	0.17150	0.00700	0.19440	0.01145	0.00768	23	-2.00	035.43	0
035	Sodium (%)	0098	0.18000	0.02000	0.19440	0.01145	0.00768	23	-1.26	035.41	0
035	Sodium (%)	0098	0.18000	0.00000	0.19440	0.01145	0.00768	23	-1.26	035.43	0
035	Sodium (%)	0019	0.18500	0.01000	0.19440	0.01145	0.00768	23	-0.82	035.41	0
035	Sodium (%)	0873	0.18500	0.01000	0.19440	0.01145	0.00768	23	-0.82	035.41	0
035	Sodium (%)	0964	0.18535	0.00110	0.19440	0.01145	0.00768	23	-0.79	035.43	0
035	Sodium (%)	0051	0.18555	0.01370	0.19440	0.01145	0.00768	23	-0.77	035.41	0
035	Sodium (%)	2187	0.18605	0.00810	0.19440	0.01145	0.00768	23	-0.73	035.43	0
035	Sodium (%)	2033	0.18900	0.00600	0.19440	0.01145	0.00768	23	-0.47	035.43	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			
035	Sodium (%)	0208	0.19150	0.00300	0.19440	0.01145	0.00768	23	-0.25	035.41	0
035	Sodium (%)	0870	0.19440	0.00800	0.19440	0.01145	0.00768	23	0.00	035.42	0
035	Sodium (%)	0553	0.19650	0.00300	0.19440	0.01145	0.00768	23	0.18	035.53	0
035	Sodium (%)	0504	0.19750	0.01500	0.19440	0.01145	0.00768	23	0.27	035.42	0
035	Sodium (%)	0504	0.20000	0.00000	0.19440	0.01145	0.00768	23	0.49	035.05	0
035	Sodium (%)	0164	0.20000	0.01800	0.19440	0.01145	0.00768	23	0.49	035.41	0
035	Sodium (%)	0171	0.20000	0.00000	0.19440	0.01145	0.00768	23	0.49	035.41	0
035	Sodium (%)	2089	0.20000	0.00000	0.19440	0.01145	0.00768	23	0.49	035.43	0
035	Sodium (%)	2124	0.20000	0.00000	0.19440	0.01145	0.00768	23	0.49	035.43	0
035	Sodium (%)	0508	0.20210	0.01080	0.19440	0.01145	0.00768	23	0.67	035.43	0
035	Sodium (%)	0407	0.20760	0.00000	0.19440	0.01145	0.00768	23	1.15	035.41	0
035	Sodium (%)	0650	0.20850	0.00300	0.19440	0.01145	0.00768	23	1.23	035.31	0
035	Sodium (%)	0656	0.21000	0.02000	0.19440	0.01145	0.00768	23	1.36	035.32	0
035	Sodium (%)	0065	0.21000	0.02000	0.19440	0.01145	0.00768	23	1.36	035.41	0
035	Sodium (%)	0042	0.20750	0.06900	0.19440	0.01145	0.00768	23	1.14	035.42	1
036	Sulfur (%)	0171	0.34500	0.00200	0.40667	0.03836	0.01087	9	-1.61	036.42	0
036	Sulfur (%)	2089	0.38000	0.04000	0.40667	0.03836	0.01087	9	-0.70	036.43	0
036	Sulfur (%)	0870	0.38905	0.01110	0.40667	0.03836	0.01087	9	-0.46	036.42	0
036	Sulfur (%)	2033	0.39000	0.02000	0.40667	0.03836	0.01087	9	-0.43	036.43	0
036	Sulfur (%)	0098	0.40390	0.00900	0.40667	0.03836	0.01087	9	-0.07	036.43	0
036	Sulfur (%)	0164	0.42000	0.00000	0.40667	0.03836	0.01087	9	0.35	036.42	0
036	Sulfur (%)	0964	0.42620	0.00040	0.40667	0.03836	0.01087	9	0.51	036.43	0
036	Sulfur (%)	0510	0.44500	0.01000	0.40667	0.03836	0.01087	9	1.00	036.43	0
036	Sulfur (%)	0407	0.45675	0.00530	0.40667	0.03836	0.01087	9	1.31	036.42	0
037	Zinc (mg / kg (ppm))	2058	17.069	0.59800	21.432	2.9704	1.1950	25	-1.47	037.43	0
037	Zinc (mg / kg (ppm))	0001	17.750	0.98000	21.432	2.9704	1.1950	25	-1.24	037.31	0
037	Zinc (mg / kg (ppm))	0511	18.000	0.00000	21.432	2.9704	1.1950	25	-1.16	037.41	0
037	Zinc (mg / kg (ppm))	0019	18.375	0.59000	21.432	2.9704	1.1950	25	-1.03	037.41	0
037	Zinc (mg / kg (ppm))	2124	18.950	0.10000	21.432	2.9704	1.1950	25	-0.84	037.43	0
037	Zinc (mg / kg (ppm))	0510	19.000	0.00000	21.432	2.9704	1.1950	25	-0.82	037.43	0
037	Zinc (mg / kg (ppm))	0047	19.515	0.63000	21.432	2.9704	1.1950	25	-0.65	037.52	0
037	Zinc (mg / kg (ppm))	0964	19.927	0.25980	21.432	2.9704	1.1950	25	-0.51	037.43	0
037	Zinc (mg / kg (ppm))	0508	20.456	1.4380	21.432	2.9704	1.1950	25	-0.33	037.43	0
037	Zinc (mg / kg (ppm))	2033	20.700	0.00000	21.432	2.9704	1.1950	25	-0.25	037.43	0
037	Zinc (mg / kg (ppm))	0164	21.000	0.00000	21.432	2.9704	1.1950	25	-0.15	037.41	0
037	Zinc (mg / kg (ppm))	0870	21.330	0.34000	21.432	2.9704	1.1950	25	-0.03	037.42	0
037	Zinc (mg / kg (ppm))	2136	21.450	1.1000	21.432	2.9704	1.1950	25	0.01	037.43	0
037	Zinc (mg / kg (ppm))	0619	21.500	0.00000	21.432	2.9704	1.1950	25	0.02	037.99	0
037	Zinc (mg / kg (ppm))	0098	21.560	1.9800	21.432	2.9704	1.1950	25	0.04	037.41	0
037	Zinc (mg / kg (ppm))	0051	21.585	0.51000	21.432	2.9704	1.1950	25	0.05	037.41	0
037	Zinc (mg / kg (ppm))	0098	21.605	0.71000	21.432	2.9704	1.1950	25	0.06	037.43	0
037	Zinc (mg / kg (ppm))	0208	22.135	2.2100	21.432	2.9704	1.1950	25	0.24	037.41	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	
037	Zinc (mg / kg (ppm))	0553	22.550	0.50000	21.432	2.9704	1.1950	25	0.38	037.53	0
037	Zinc (mg / kg (ppm))	0171	24.010	0.10000	21.432	2.9704	1.1950	25	0.87	037.41	0
037	Zinc (mg / kg (ppm))	2089	24.595	0.17000	21.432	2.9704	1.1950	25	1.06	037.43	0
037	Zinc (mg / kg (ppm))	0656	25.070	0.84000	21.432	2.9704	1.1950	25	1.22	037.32	0
037	Zinc (mg / kg (ppm))	0042	28.050	13.100	21.432	2.9704	1.1950	25	2.23	037.42	0
037	Zinc (mg / kg (ppm))	0027	29.521	3.7000	21.432	2.9704	1.1950	25	2.72	037.43	0
037	Zinc (mg / kg (ppm))	0407	54.223	0.01960	21.432	2.9704	1.1950	25	11.04	037.41	0
037	Zinc (mg / kg (ppm))	0074	32.500	21.000	21.432	2.9704	1.1950	25	3.73	037.41	1
038	Molybdenum (mg / kg (ppm))	0553	0.01595	0.00230				1		038.53	0
038	Molybdenum (mg / kg (ppm))	2033	< 0.1					1		038.43	5
101	Choline Chloride (mg / kg (ppm))	0051	562.50	11.000				1		101.02	0
120	Alanine (%)	0676	7.3450	0.25000	7.6216	0.28959	0.11706	7	-0.96	120.05	0
120	Alanine (%)	2115	7.4975	0.07900	7.6216	0.28959	0.11706	7	-0.43	120.99	0
120	Alanine (%)	0619	7.5000	0.18000	7.6216	0.28959	0.11706	7	-0.42	120.00	0
120	Alanine (%)	0504	7.5150	0.05000	7.6216	0.28959	0.11706	7	-0.37	120.00	0
120	Alanine (%)	0870	7.5380	0.00040	7.6216	0.28959	0.11706	7	-0.29	120.00	0
120	Alanine (%)	0227	7.9000	0.16000	7.6216	0.28959	0.11706	7	0.96	120.00	0
120	Alanine (%)	0171	8.2480	0.10000	7.6216	0.28959	0.11706	7	2.16	120.00	0
121	Arginine (%)	2115	3.7605	0.01300	3.9404	0.17525	0.04063	7	-1.03	121.99	0
121	Arginine (%)	0870	3.8143	0.02940	3.9404	0.17525	0.04063	7	-0.72	121.00	0
121	Arginine (%)	0676	3.8600	0.02000	3.9404	0.17525	0.04063	7	-0.46	121.05	0
121	Arginine (%)	0504	3.8650	0.03000	3.9404	0.17525	0.04063	7	-0.43	121.00	0
121	Arginine (%)	0227	4.0500	0.06000	3.9404	0.17525	0.04063	7	0.63	121.00	0
121	Arginine (%)	0619	4.0500	0.08000	3.9404	0.17525	0.04063	7	0.63	121.00	0
121	Arginine (%)	0171	4.1830	0.05200	3.9404	0.17525	0.04063	7	1.38	121.00	0
122	Aspartic (%)	0619	9.5400	0.24000	10.885	0.44715	0.19846	7	-3.01	122.00	0
122	Aspartic (%)	0504	10.660	0.02000	10.885	0.44715	0.19846	7	-0.50	122.00	0
122	Aspartic (%)	0870	10.832	0.03520	10.885	0.44715	0.19846	7	-0.12	122.00	0
122	Aspartic (%)	0171	10.908	0.29600	10.885	0.44715	0.19846	7	0.05	122.00	0
122	Aspartic (%)	2115	10.918	0.03800	10.885	0.44715	0.19846	7	0.07	122.99	0
122	Aspartic (%)	0676	11.205	0.53000	10.885	0.44715	0.19846	7	0.72	122.05	0
122	Aspartic (%)	0227	11.455	0.23000	10.885	0.44715	0.19846	7	1.28	122.00	0
124	Cysteine/Cystine (%)	0227	0.59500	0.03000	0.69913	0.07158	0.01863	7	-1.45	124.00	0
124	Cysteine/Cystine (%)	0870	0.65840	0.00140	0.69913	0.07158	0.01863	7	-0.57	124.00	0
124	Cysteine/Cystine (%)	0676	0.68000	0.02000	0.69913	0.07158	0.01863	7	-0.27	124.02	0
124	Cysteine/Cystine (%)	2115	0.69800	0.01400	0.69913	0.07158	0.01863	7	-0.02	124.99	0
124	Cysteine/Cystine (%)	0619	0.71950	0.01900	0.69913	0.07158	0.01863	7	0.28	124.00	0
124	Cysteine/Cystine (%)	0171	0.76300	0.02600	0.69913	0.07158	0.01863	7	0.89	124.00	0
124	Cysteine/Cystine (%)	0504	0.78000	0.02000	0.69913	0.07158	0.01863	7	1.13	124.00	0
125	Glutamic (%)	0171	6.9880	0.41200	7.7762	0.35909	0.16983	7	-2.19	125.00	0
125	Glutamic (%)	0676	7.5650	0.15000	7.7762	0.35909	0.16983	7	-0.59	125.05	0
125	Glutamic (%)	0504	7.6400	0.24000	7.7762	0.35909	0.16983	7	-0.38	125.00	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	
125	Glutamic (%)	2115	7.8195	0.09900	7.7762	0.35909	0.16983	7	0.12	125.99	0
125	Glutamic (%)	0227	7.9850	0.19000	7.7762	0.35909	0.16983	7	0.58	125.00	0
125	Glutamic (%)	0870	8.0611	0.02780	7.7762	0.35909	0.16983	7	0.79	125.00	0
125	Glutamic (%)	0619	8.1250	0.07000	7.7762	0.35909	0.16983	7	0.97	125.00	0
126	Glycine (%)	0870	4.2649	0.00080	4.5037	0.16879	0.06869	7	-1.41	126.00	0
126	Glycine (%)	0504	4.4200	0.00000	4.5037	0.16879	0.06869	7	-0.50	126.00	0
126	Glycine (%)	2115	4.4395	0.10100	4.5037	0.16879	0.06869	7	-0.38	126.99	0
126	Glycine (%)	0171	4.4815	0.03900	4.5037	0.16879	0.06869	7	-0.13	126.00	0
126	Glycine (%)	0676	4.5650	0.15000	4.5037	0.16879	0.06869	7	0.36	126.05	0
126	Glycine (%)	0619	4.6700	0.08000	4.5037	0.16879	0.06869	7	0.99	126.00	0
126	Glycine (%)	0227	4.6850	0.11000	4.5037	0.16879	0.06869	7	1.07	126.00	0
127	Histidine (%)	0171	6.2190	0.19800	6.9386	0.29915	0.16584	7	-2.41	127.00	0
127	Histidine (%)	0870	6.6950	0.10590	6.9386	0.29915	0.16584	7	-0.81	127.00	0
127	Histidine (%)	0676	6.9850	0.37000	6.9386	0.29915	0.16584	7	0.16	127.05	0
127	Histidine (%)	0504	6.9850	0.17000	6.9386	0.29915	0.16584	7	0.16	127.00	0
127	Histidine (%)	0619	7.0500	0.08000	6.9386	0.29915	0.16584	7	0.37	127.00	0
127	Histidine (%)	2115	7.0805	0.04700	6.9386	0.29915	0.16584	7	0.47	127.99	0
127	Histidine (%)	0227	7.2850	0.19000	6.9386	0.29915	0.16584	7	1.16	127.00	0
128	Isoleucine (%)	0870	0.43755	0.02810	0.55478	0.13211	0.01887	7	-0.89	128.00	0
128	Isoleucine (%)	0676	0.45000	0.00000	0.55478	0.13211	0.01887	7	-0.79	128.05	0
128	Isoleucine (%)	0227	0.48500	0.03000	0.55478	0.13211	0.01887	7	-0.53	128.00	0
128	Isoleucine (%)	0171	0.51250	0.03100	0.55478	0.13211	0.01887	7	-0.32	128.00	0
128	Isoleucine (%)	0504	0.59500	0.03000	0.55478	0.13211	0.01887	7	0.30	128.00	0
128	Isoleucine (%)	0619	0.65050	0.00900	0.55478	0.13211	0.01887	7	0.72	128.00	0
128	Isoleucine (%)	2115	0.80600	0.00400	0.55478	0.13211	0.01887	7	1.90	128.99	0
129	Leucine (%)	0870	11.819	0.12520	12.255	0.44543	0.20489	7	-0.98	129.00	0
129	Leucine (%)	0171	11.839	0.33900	12.255	0.44543	0.20489	7	-0.93	129.00	0
129	Leucine (%)	0676	12.005	0.51000	12.255	0.44543	0.20489	7	-0.56	129.05	0
129	Leucine (%)	2115	12.289	0.06000	12.255	0.44543	0.20489	7	0.08	129.99	0
129	Leucine (%)	0504	12.400	0.08000	12.255	0.44543	0.20489	7	0.33	129.00	0
129	Leucine (%)	0619	12.550	0.10000	12.255	0.44543	0.20489	7	0.66	129.00	0
129	Leucine (%)	0227	12.880	0.22000	12.255	0.44543	0.20489	7	1.40	129.00	0
130	L-Lysine (%)	0171	6.7105	0.10100	8.2839	0.21751	0.09598	8	-7.23	130.00	0
130	L-Lysine (%)	2115	8.2095	0.11700	8.2839	0.21751	0.09598	8	-0.34	130.99	0
130	L-Lysine (%)	0504	8.2150	0.09000	8.2839	0.21751	0.09598	8	-0.32	130.00	0
130	L-Lysine (%)	0676	8.2400	0.30000	8.2839	0.21751	0.09598	8	-0.20	130.05	0
130	L-Lysine (%)	0870	8.2715	0.02080	8.2839	0.21751	0.09598	8	-0.06	130.00	0
130	L-Lysine (%)	0619	8.2900	0.06000	8.2839	0.21751	0.09598	8	0.03	130.00	0
130	L-Lysine (%)	0027	8.4775	0.03900	8.2839	0.21751	0.09598	8	0.89	130.05	0
130	L-Lysine (%)	0227	8.8700	0.04000	8.2839	0.21751	0.09598	8	2.69	130.00	0
131	Methionine (%)	0676	0.50000	0.04000	0.66369	0.13375	0.02051	7	-1.22	131.02	0
131	Methionine (%)	0619	0.58200	0.00400	0.66369	0.13375	0.02051	7	-0.61	131.00	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	
131	Methionine (%)	0227	0.59500	0.01000	0.66369	0.13375	0.02051	7	-0.51	131.00	0
131	Methionine (%)	2115	0.66850	0.00500	0.66369	0.13375	0.02051	7	0.04	131.99	0
131	Methionine (%)	0504	0.68000	0.02000	0.66369	0.13375	0.02051	7	0.12	131.00	0
131	Methionine (%)	0870	0.77780	0.03560	0.66369	0.13375	0.02051	7	0.85	131.00	0
131	Methionine (%)	0171	0.84250	0.02900	0.66369	0.13375	0.02051	7	1.34	131.00	0
132	Phenylalanine (%)	0870	6.0754	0.04430	6.4356	0.31070	0.09547	7	-1.16	132.00	0
132	Phenylalanine (%)	0676	6.2550	0.25000	6.4356	0.31070	0.09547	7	-0.58	132.05	0
132	Phenylalanine (%)	0619	6.3000	0.12000	6.4356	0.31070	0.09547	7	-0.44	132.00	0
132	Phenylalanine (%)	0504	6.3400	0.02000	6.4356	0.31070	0.09547	7	-0.31	132.00	0
132	Phenylalanine (%)	2115	6.5615	0.00500	6.4356	0.31070	0.09547	7	0.41	132.99	0
132	Phenylalanine (%)	0227	6.6250	0.15000	6.4356	0.31070	0.09547	7	0.61	132.00	0
132	Phenylalanine (%)	0171	6.8925	0.07900	6.4356	0.31070	0.09547	7	1.47	132.00	0
133	Proline (%)	2115	1.9240	0.00000	3.2635	0.37299	0.07831	7	-3.59	133.99	0
133	Proline (%)	0870	2.9676	0.06220	3.2635	0.37299	0.07831	7	-0.79	133.00	0
133	Proline (%)	0504	3.1750	0.09000	3.2635	0.37299	0.07831	7	-0.24	133.00	0
133	Proline (%)	0676	3.4250	0.07000	3.2635	0.37299	0.07831	7	0.43	133.05	0
133	Proline (%)	0227	3.4600	0.08000	3.2635	0.37299	0.07831	7	0.53	133.00	0
133	Proline (%)	0619	3.5100	0.10000	3.2635	0.37299	0.07831	7	0.66	133.00	0
133	Proline (%)	0171	3.6030	0.14600	3.2635	0.37299	0.07831	7	0.91	133.00	0
134	Serine (%)	0504	3.7900	0.40000	4.2390	0.28536	0.12599	7	-1.57	134.00	0
134	Serine (%)	2115	4.0810	0.02000	4.2390	0.28536	0.12599	7	-0.55	134.99	0
134	Serine (%)	0676	4.1250	0.15000	4.2390	0.28536	0.12599	7	-0.40	134.05	0
134	Serine (%)	0619	4.3250	0.11000	4.2390	0.28536	0.12599	7	0.30	134.00	0
134	Serine (%)	0227	4.3350	0.07000	4.2390	0.28536	0.12599	7	0.34	134.00	0
134	Serine (%)	0870	4.4352	0.02390	4.2390	0.28536	0.12599	7	0.69	134.00	0
134	Serine (%)	0171	4.5610	0.10800	4.2390	0.28536	0.12599	7	1.13	134.00	0
135	Threonine (%)	0027	2.8695	0.10300	2.9845	0.12336	0.05990	8	-0.93	135.05	0
135	Threonine (%)	0504	2.8900	0.02000	2.9845	0.12336	0.05990	8	-0.77	135.00	0
135	Threonine (%)	0676	2.9000	0.08000	2.9845	0.12336	0.05990	8	-0.69	135.05	0
135	Threonine (%)	2115	2.9125	0.01900	2.9845	0.12336	0.05990	8	-0.58	135.99	0
135	Threonine (%)	0870	3.0146	0.08420	2.9845	0.12336	0.05990	8	0.24	135.00	0
135	Threonine (%)	0619	3.0300	0.08000	2.9845	0.12336	0.05990	8	0.37	135.00	0
135	Threonine (%)	0227	3.0900	0.04000	2.9845	0.12336	0.05990	8	0.86	135.00	0
135	Threonine (%)	0171	3.1805	0.05300	2.9845	0.12336	0.05990	8	1.59	135.00	0
136	Tryptophan (%)	0870	1.0405	0.04380	1.3159	0.25769	0.02583	6	-1.07	136.00	0
136	Tryptophan (%)	2114	1.1604	0.03520	1.3159	0.25769	0.02583	6	-0.60	136.03	0
136	Tryptophan (%)	0504	1.2700	0.02000	1.3159	0.25769	0.02583	6	-0.18	136.99	0
136	Tryptophan (%)	0619	1.3250	0.01000	1.3159	0.25769	0.02583	6	0.04	136.00	0
136	Tryptophan (%)	0171	1.3970	0.01600	1.3159	0.25769	0.02583	6	0.31	136.00	0
136	Tryptophan (%)	0227	1.7250	0.03000	1.3159	0.25769	0.02583	6	1.59	136.00	0
137	Tyrosine (%)	2115	0.74850	0.04300	1.6990	0.66745	0.01948	4		137.99	0
137	Tyrosine (%)	0870	1.7225	0.00490	1.6990	0.66745	0.01948	4		137.02	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			
137	Tyrosine (%)	0504	2.1250	0.01000	1.6990	0.66745	0.01948	4		137.99	0
137	Tyrosine (%)	0676	2.2000	0.02000	1.6990	0.66745	0.01948	4		137.05	0
138	Valine (%)	0171	7.2300	0.08200	7.8884	0.46301	0.05685	6	-1.42	138.00	0
138	Valine (%)	0870	7.5339	0.00610	7.8884	0.46301	0.05685	6	-0.77	138.00	0
138	Valine (%)	0619	8.0500	0.04000	7.8884	0.46301	0.05685	6	0.35	138.00	0
138	Valine (%)	2115	8.1065	0.07300	7.8884	0.46301	0.05685	6	0.47	138.99	0
138	Valine (%)	0227	8.1950	0.01000	7.8884	0.46301	0.05685	6	0.66	138.00	0
138	Valine (%)	0504	8.2150	0.13000	7.8884	0.46301	0.05685	6	0.71	138.00	0
138	Valine (%)	0676	7.7550	0.51000	7.8884	0.46301	0.05685	6	-0.29	138.05	1
139	Taurine (%)	0504	0.03000	0.00000				3		139.00	0
139	Taurine (%)	2115	0.29000	0.02000				3		139.99	0
139	Taurine (%)	0171	2.2345	0.01500				3		139.00	0
400	Water Activity (Units)	0407	0.48105	0.00350				2		400.01	0
400	Water Activity (Units)	0051	0.53500	0.00200				2		400.01	0
516	Arsenic, Total (mg / kg (ppm))	2033	< 0.02					0		516.53	5
516	Arsenic, Total (mg / kg (ppm))	2124	< 0.89					0		516.43	5
518	Cadmium (mg / kg (ppm))	2124	0.01500	0.01000				1		518.43	0
518	Cadmium (mg / kg (ppm))	2033	< 0.01					1		518.43	5
518	Cadmium (mg / kg (ppm))	0171	< 0.05					1		518.41	5
520	Chromium (mg / kg (ppm))	0553	0.05535	0.01870				3		520.53	0
520	Chromium (mg / kg (ppm))	0171	0.28000	0.00000				3		520.41	0
520	Chromium (mg / kg (ppm))	0510	1.5600	0.02000				3		520.43	0
526	Lead (mg / kg (ppm))	0553	0.04720	0.00020				3		526.53	0
526	Lead (mg / kg (ppm))	2033	0.07000	0.02000				3		526.53	0
526	Lead (mg / kg (ppm))	0171	0.13500	0.01000				3		526.41	0
539	Nickel (mg / kg (ppm))	0553	0.03705	0.01390				1		539.53	0
539	Nickel (mg / kg (ppm))	0171	< 0.05					1		539.41	5
539	Nickel (mg / kg (ppm))	2033	< 0.1					1		539.43	5
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
716	Palmitic Acid (16:0) (% (w/w))	2124	0.09000	0.00000				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	0.05000	0.00000				1		722.99	0
724	Oleic Acid (9c-18:1) (% (w/w))	2124	0.11500	0.01000				1		724.99	0
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	2124	0.03000	0.00000				1		726.99	0
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w))	2124	< 0.01					0		728.99	5
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,19c,22c) (% (w/w))	2124	< 0.01					0		750.99	5
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (% (w/w))	2124	< 0.01					0		754.99	5
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (% (w/w))	2124	0.06000	0.00000				1		756.99	0
772	Total Fatty Acids (% (w/w))	2124	0.36000	0.00000				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

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			

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.