



AAFCO
Proficiency Testing Program



Animal Feed Scheme
Pheasant & Turkey Feed
Test Material Code # 201729

Analyte Summary Report

Analytes Reported: 99
Labs Reporting: 195
Issue Date : 10/31/2017

Analyte Group Code	Analyte and Method	Total # Tests Submitted	# Tests in Robust Calcs	Raw Mean	Raw SD	Assigned Value - Robust Mean	AAFCO PT fp - Robust sd	Uncertainty (U) Robust	% RSD - Robust	Average Range (R-bar)	Horwitz %RSD
000	Urea (%)	1	1	0.50000							
001	Loss on Drying (%)	76	74	9.3365	0.57517	9.4013	0.40757	0.05922	4.34%	0.13591	2.85%
002	Protein (%)	189	185	20.865	0.49721	20.828	0.31727	0.02916	1.52%	0.14775	2.19%
003	Fat (%)	148	146	2.8708	0.32280	2.8507	0.26519	0.02743	9.30%	0.10593	3.42%
004	Fiber (%)	124	121	4.8765	0.56891	4.8617	0.41258	0.04688	8.49%	0.16180	3.15%
005	Ash (%)	139	134	7.1499	0.53010	7.1679	0.28778	0.03108	4.01%	0.08298	2.97%
006	Total sugars (%)	4	2	4.6300	0.45255	4.6300	0.45255	0.32000	9.77%	0.09000	3.18%
008	Fiber (%)	63	61	6.3828	0.78786	6.4062	0.57717	0.09237	9.01%	0.16784	3.02%
009	Fiber (%)	59	58	15.003	1.5709	14.886	1.3984	0.22952	9.39%	0.29292	2.59%
010	Moisture (%)	25	24	9.8374	0.59517	9.8134	0.61909	0.15797	6.31%	0.07357	2.84%
011	Loss on Drying (%)	68	67	10.252	0.61398	10.322	0.44513	0.06798	4.31%	0.12590	2.81%
012	Starch (%)	37	37	33.267	2.3298	33.369	1.7834	0.36648	5.34%	0.54268	1.73%
013	Fat (%)	50	50	3.8558	0.70515	3.8593	0.62595	0.11065	16.22%	0.11209	3.26%
015	Aluminum (mg / kg (ppm))	12	11	111.91	19.298	111.72	21.480	8.0954	19.23%	5.2472	7.87%
017	Boron (mg / kg (ppm))	15	14	10.857	2.8932	11.028	1.0272	0.34316	9.31%	0.50656	11.15%
019	Calcium (%)	141	137	1.5575	0.11058	1.5519	0.08012	0.00856	5.16%	0.03622	3.74%
021	Cobalt (mg / kg (ppm))	25	25	0.73953	0.15587	0.72846	0.14120	0.03530	19.38%	0.06782	16.78%
022	Copper (mg / kg (ppm))	89	86	17.784	2.6195	17.532	1.6499	0.22239	9.41%	0.84092	10.40%
023	Fluorine (mg / kg (ppm))	1	1	13.700							
024	Iodine (mg / kg (ppm))	2	2	1.3925	0.41366						
025	Iron (mg / kg (ppm))	90	89	234.53	30.554	231.95	20.033	2.6544	8.64%	8.8095	7.05%
027	Magnesium (%)	102	100	0.21178	0.01409	0.21226	0.01242	0.00155	5.85%	0.00655	5.05%
028	Manganese (mg / kg (ppm))	96	92	108.49	10.007	108.22	7.7412	1.0088	7.15%	3.7561	7.90%
031	Phosphorus (%)	133	132	0.74719	0.05735	0.74592	0.03384	0.00368	4.54%	0.01882	4.18%
032	Potassium (%)	99	96	1.0567	0.08100	1.0574	0.05801	0.00740	5.49%	0.02251	3.97%
033	Salt as chloride (%)	70	66	0.45995	0.05031	0.46661	0.03504	0.00539	7.51%	0.00956	4.49%
034	Selenium (mg / kg (ppm))	19	19	0.46994	0.10818	0.45181	0.05538	0.01588	12.26%	0.04435	18.03%
035	Sodium (%)	100	98	0.15806	0.04759	0.15236	0.01357	0.00171	8.90%	0.00844	5.31%
036	Sulfur (%)	35	34	0.35219	0.02717	0.35255	0.02712	0.00581	7.69%	0.01069	4.68%
037	Zinc (mg / kg (ppm))	100	97	113.55	16.173	114.36	11.418	1.4491	9.98%	4.4423	7.84%

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038	Molybdenum (mg / kg (ppm))	18	18	1.9606	0.24805	1.9697	0.25438	0.07495	12.91%	0.15889	14.45%
040	Barium (mg / kg (ppm))	2	2	13.080	0.21224						
042	Chloride (%)	4	4	0.31313	0.01434	0.31313	0.01434	0.00717	4.58%	0.01265	4.76%
101	Choline Chloride (mg / kg (ppm))	4	4	1,433.4	583.19	1,433.4	583.19	291.60	40.69%	110.25	5.36%
102	Niacin (mg / kg (ppm))	2	2	65.695	59.828						
103	Pantothenic Acid (mg / kg (ppm))	1	1	16.500							
104	Riboflavin (mg / kg (ppm))	4	4	16.090	2.8330	16.090	2.8330	1.4165	17.61%	0.70000	10.53%
105	Thiamine (mg / kg (ppm))	4	4	3.5789	1.9309	3.5789	1.9309	0.96545	53.95%	0.21925	13.20%
106	Vitamin A (KU / kg)	25	24	18.687	8.4875	17.240	3.5289	0.90042	20.47%	1.1709	
107	Vitamin B12 (µg / kg (ppb))	2	2	65.900	52.114						
108	Vitamin D3 (KU / kg)	7	7	3.9109	0.89560	3.9109	1.0156	0.47983	25.97%	0.62100	
109	Vitamin E (IU/kg)	15	14	52.789	22.731	47.958	8.5373	2.8521	17.80%	1.9462	
112	Pyridoxine (µg / g)	1	1	10.540							
113	Folic Acid (mg / kg (ppm))	2	2	11.600	1.2021						
114	Biotin (mg / kg (ppm))	3	3	0.76447	0.19712	0.76447	0.19712	0.11381	25.79%	0.05280	16.66%
120	Alanine (%)	24	24	1.0307	0.03460	1.0290	0.03466	0.00884	3.37%	0.01733	3.98%
121	Arginine (%)	23	22	1.3068	0.05711	1.3037	0.05268	0.01404	4.04%	0.02742	3.84%
122	Aspartic (%)	25	25	1.9848	0.14255	1.9634	0.06163	0.01541	3.14%	0.02676	3.61%
124	Cysteine/Cystine (%)	23	22	0.31360	0.02331	0.31217	0.02090	0.00557	6.69%	0.00568	4.77%
125	Glutamic (%)	25	23	3.3802	0.18922	3.3760	0.10673	0.02782	3.16%	0.04649	3.33%
126	Glycine (%)	25	24	1.0548	0.04217	1.0498	0.03367	0.00859	3.21%	0.01484	3.97%
127	Histidine (%)	23	23	0.50353	0.05219	0.49994	0.01943	0.00506	3.89%	0.00767	4.44%
128	Isoleucine (%)	24	23	0.78497	0.05013	0.78668	0.03462	0.00902	4.40%	0.01303	4.15%
129	Leucine (%)	24	23	1.5308	0.05923	1.5289	0.04064	0.01059	2.66%	0.02511	3.75%
130	L-Lysine (%)	30	29	1.0936	0.06036	1.0927	0.05482	0.01273	5.02%	0.01804	3.95%
131	Methionine (%)	27	27	0.42922	0.02847	0.43031	0.01838	0.00442	4.27%	0.01063	4.54%
132	Phenylalanine (%)	24	23	0.91765	0.03067	0.91827	0.03173	0.00827	3.46%	0.01463	4.05%
133	Proline (%)	23	23	1.2292	0.08801	1.2212	0.08109	0.02114	6.64%	0.03376	3.88%
134	Serine (%)	24	24	0.93203	0.05015	0.93149	0.04629	0.01181	4.97%	0.03261	4.04%
135	Threonine (%)	25	25	0.75746	0.03749	0.75299	0.02281	0.00570	3.03%	0.01220	4.17%
136	Tryptophan (%)	17	16	0.24035	0.01996	0.24159	0.01402	0.00438	5.80%	0.00404	4.95%
137	Tyrosine (%)	19	18	0.60238	0.06431	0.60448	0.06436	0.01896	10.65%	0.01633	4.31%
138	Valine (%)	24	24	0.92545	0.05282	0.92851	0.04022	0.01026	4.33%	0.01464	4.04%
139	Taurine (%)	2	1	0.19000							
160	Fructose (%)	4	4	0.32575	0.15373	0.32575	0.15373	0.07687	47.19%	0.01850	4.74%
161	Galactose (%)	1		0.00000							
162	Glucose (%)	4	3	0.21133	0.11463	0.21133	0.11463	0.06618	54.24%	0.17067	5.05%
163	Lactose (%)	2		0.00000							

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164	Maltose (%)	2	1	0.20750							
165	Sucrose (%)	3	3	3.0132	0.12029	3.0132	0.12029	0.06945	3.99%	0.14233	3.39%
166	Raffinose (%)	2	2	0.64725	0.17289						
167	Stachyose (%)	2	2	1.2640	0.14708						
345	Amprolium (mg/kg (ppm))	17	16	98.002	8.6603	97.902	7.3457	2.2955	7.50%	2.1689	8.02%
348	Bacitracin (mg/kg (ppm))	6	6	46.154	32.237	41.996	26.371	13.457	62.79%	2.7430	9.11%
400	Water activity (Units)	9	9	0.57497	0.02395	0.57311	0.02266	0.00944	3.95%	0.00310	
412	Dietary Starch (%)	1	1	31.030							
516	Arsenic, total (mg / kg (ppm))	8	8	0.16554	0.03628	0.16876	0.03337	0.01475	19.78%	0.01481	20.91%
518	Cadmium (mg / kg (ppm))	8	8	0.06846	0.02670	0.07505	0.01159	0.00512	15.44%	0.00398	22.00%
520	Chromium (mg / kg (ppm))	9	9	2.0003	0.57565	2.0003	0.65279	0.27199	32.63%	0.16416	14.41%
526	Lead (mg / kg (ppm))	10	10	0.25495	0.09170	0.25118	0.08227	0.03252	32.75%	0.01193	19.69%
539	Nickel (mg / kg (ppm))	5	5	1.9610	0.22417	1.9610	0.22417	0.10025	11.43%	0.12930	14.45%
710	Lauric Acid (12:0) (% (w/w))	1	1	0.00100							
714	Myristic Acid (14:0) (% (w/w))	1	1	0.01950							
716	Palmitic Acid (16:0) (% (w/w))	1	1	0.55800							
718	Palmitoleic Acid (9c-16:1) (% (w/w))	1	1	0.02650							
722	Stearic Acid (18:0) (% (w/w))	1	1	0.13050							
724	Oleic Acid (9c-18:1) (% (w/w))	1	1	0.68000							
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	1	1	1.3895							
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w))	1	1	0.09600							
730	Arachidic Acid (20:0) (% (w/w))	1	1	0.01150							
732	Gondoic Acid (11c-20:1) (% (w/w))	1	1	0.01200							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (% (w/w))	1	1	0.01200							
742	Behenic Acid (22:0) (% (w/w))	1	1	0.00900							
744	Erucic Acid (13c-22:1) (% (w/w))	1		0.00000							
746	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c-22:5) (% (w/w))	1	1	0.00250							
748	Lignoceric Acid (24:0) (% (w/w))	1	1	0.01050							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6) (% (w/w))	1	1	0.01500							
752	Nervonic Acid (24:1) isomers (% (w/w))	1		0.00000							
772	Total Fatty Acids (% (w/w))	1	1	3.0210							

Notes: Robust statistics not used if < 6 labs reporting, in this case means and SD's may be reported based on Raw Data with obvious blunders removed.