



**AAFCO**  
Proficiency Testing Program



**Minerals Scheme**

**Poultry Feed**

**Test Material Code # 201951**

**Analyte Summary Report**

**# Labs Reporting: 27**

**# Analytes Reported: 16**

**Issue Date : 04/30/2019**

Analyte Group Code	Analyte and Method	Total # Tests Submitted	# Tests in Robust Calcs	Raw Mean	Raw SD	Assigned Value Robust Mean	Horwitz ffp SD	Uncertainty (U) Robust	% RSD - Horwitz	Average Range (R-bar)	Horwitz %RSD
015	Aluminum (mg / kg (ppm))	13	13	141.3	35.21	135.5	10.35	7.402	7.64%	11.24	7.64%
017	Boron (mg / kg (ppm))	9	9	77.01	11.81	76.40	6.364	2.408	8.33%	1.829	8.33%
021	Cobalt (mg / kg (ppm))	13	11	0.6550	0.1656	0.6484	0.1107	0.0651	17.07%	0.0415	17.07%
022	Copper (mg / kg (ppm))	22	22	21.25	1.565	21.20	2.142	0.4247	10.10%	1.242	10.10%
023	Fluorine (mg / kg (ppm))	4	3	59.55	11.76	59.55	5.150	2.973	8.65%	0.7667	8.65%
024	Iodine (mg / kg (ppm))	4	3	1.383	0.1765	1.383	0.2107	0.1217	15.23%	0.1267	15.23%
034	Selenium (mg / kg (ppm))	15	14	3.789	0.6588	3.863	0.5042	0.1307	13.05%	0.2776	13.05%
036	Sulfur (%)	15	15	0.3433	0.0296	0.3461	0.0162	0.0063	4.69%	0.0143	4.69%
038	Molybdenum (mg / kg (ppm))	16	16	43.03	6.041	42.67	3.880	1.724	9.09%	3.397	9.09%
041	Vanadium (mg / kg (ppm))	8	7	47.69	4.620	47.69	4.265	2.475	8.94%	3.226	8.94%
516	Arsenic, Total (mg / kg (ppm))	16	15	1.192	0.2107	1.200	0.1867	0.0567	15.56%	0.1384	15.56%
518	Cadmium (mg / kg (ppm))	20	19	0.6673	0.0573	0.6712	0.1140	0.0154	16.99%	0.0938	16.99%
520	Chromium (mg / kg (ppm))	19	18	52.37	6.370	52.17	4.602	1.698	8.82%	3.722	8.82%
526	Lead (mg / kg (ppm))	23	23	74.11	14.27	75.25	6.282	1.808	8.35%	5.222	8.35%
529	Mercury (µg / kg (ppb))	16	16	1,842	983.0	2,001	288.4	238.7	14.41%	166.1	14.41%
539	Nickel (mg / kg (ppm))	17	17	206.8	23.78	206.4	14.80	5.589	7.17%	13.90	7.17%

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.