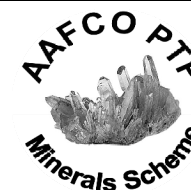


AAFCO
Proficiency Testing Program



Minerals Scheme

Swine Feed

Test Material Code # 201753

Analyte Summary Report

Analytes Reported: 16

Labs Reporting: 24

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	Horwitz ffp SD	Uncertainty (U) Robust	% RSD - Horwitz	Average Range (R-bar)	Horwitz %RSD
015	Aluminum (mg / kg (ppm))	17	17	180.10	38.408	180.91	13.236	10.129	7.32%	10.838	7.32%
017	Boron (mg / kg (ppm))	12	12	126.70	41.486	136.09	10.393	4.3597	7.64%	2.2691	7.64%
021	Cobalt (mg / kg (ppm))	20	20	6.1261	0.78699	6.1907	0.75268	0.14249	12.16%	0.14555	12.16%
022	Copper (mg / kg (ppm))	26	25	543.50	46.245	541.31	33.581	7.3421	6.20%	18.907	6.20%
023	Fluorine (mg / kg (ppm))	2	2	166.75	6.7175						
024	Iodine (mg / kg (ppm))	3	3	6.7500	0.95000	6.7500	0.81007	0.46770	12.00%	0.15333	12.00%
034	Selenium (mg / kg (ppm))	18	17	2.4007	0.73882	2.3522	0.33082	0.17750	14.06%	0.18419	14.06%
036	Sulfur (%)	17	17	0.52381	0.03652	0.52332	0.02307	0.00912	4.41%	0.00952	4.41%
038	Molybdenum (mg / kg (ppm))	19	19	1.9854	0.33535	2.0093	0.28938	0.06137	14.40%	0.05991	14.40%
041	Vanadium (mg / kg (ppm))	8	8	1.5118	0.76690	1.4947	0.22507	0.29384	15.06%	0.06253	15.06%
516	Arsenic, total (mg / kg (ppm))	19	18	1.7163	1.0775	1.3618	0.20795	0.07401	15.27%	0.12421	15.27%
518	Cadmium (mg / kg (ppm))	20	18	0.58598	0.15138	0.56263	0.09814	0.02528	17.44%	0.03325	17.44%
520	Chromium (mg / kg (ppm))	21	20	60.467	5.9058	60.545	5.2229	1.4035	8.63%	2.9710	8.63%
526	Lead (mg / kg (ppm))	19	17	1.3971	0.28685	1.4009	0.21301	0.06554	15.21%	0.08328	15.21%
529	Mercury (µg / kg (ppb))	12	12	52.103	26.238	57.484	12.646	2.8804	22.00%	4.4511	22.00%
539	Nickel (mg / kg (ppm))	17	17	3.4140	0.66479	3.4409	0.45702	0.15926	13.28%	0.13822	13.28%

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.