



AAFCO
Association of American Feed Control Officials



Minerals Scheme

Hog Finisher

Test Material Code # 202451

Analyte Summary Report

Labs Reporting: 28

Analytes Reported: 16

Issue Date : 04/30/2024

Analyte Group Code	Analyte and Method	Total # Tests Submitted	# Tests in Robust Calcs	Raw Mean	Raw SD	Assigned Value Robust Mean	Horwitz SD	Uncertainty (U) Robust	% RSD - Horwitz	Average Range (Rob R-bar)	Thompson Horwitz %RSD
015	Aluminum (ppm)	16	16	341.9	43.74	342.7	22.77	14.21	6.65%	5.045	6.65%
017	Boron (ppm)	9	9	50.91	10.79	50.71	4.492	4.915	8.86%	1.672	8.86%
021	Cobalt (ppm)	23	23	3.973	0.6372	3.960	0.5150	0.1796	13.00%	0.1430	13.00%
022	Copper (ppm)	26	26	188.6	17.52	191.8	13.91	2.094	7.25%	5.026	7.25%
023	Fluorine (ppm)	2	2	110.8	35.10						
024	Iodine (ppm)	1	1	95.50							
034	Selenium, Total (Se) (ppm)	21	18	2.916	0.4502	2.907	0.3960	0.1215	13.62%	0.1805	13.62%
036	Sulfur (%)	11	11	0.3802	0.0252	0.3807	0.0176	0.0089	4.63%	0.0094	4.63%
038	Molybdenum (ppm)	20	19	53.84	5.561	54.52	4.778	1.154	8.76%	1.540	8.76%
041	Vanadium (ppm)	8	7	2.638	0.3681	2.638	0.3646	0.1972	13.82%	0.1303	13.82%
516	Arsenic, Total (As) (ppm)	23	20	4.217	0.5220	4.184	0.5396	0.1410	12.90%	0.1670	12.90%
518	Cadmium (ppm)	25	24	0.9145	0.2182	0.9319	0.1507	0.0321	16.17%	0.0273	16.17%
520	Chromium, Total (Cr) (ppm)	23	22	50.25	4.219	50.21	4.455	1.236	8.87%	1.043	8.87%
526	Lead (ppm)	26	25	92.80	23.96	94.24	7.606	2.470	8.07%	1.449	8.07%
529	Mercury (ppb)	12	12	162.9	58.63	172.4	35.93	13.83	20.84%	7.274	20.84%
539	Nickel (ppm)	17	17	49.14	12.94	51.92	4.584	1.738	8.83%	1.361	8.83%

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. Robust Assigned Values indicated in bold font. Horwitz and Revised Horwitz SD's assigned regardless of participant number.