



AAFCO
Association of American Feed Control Officials



Minerals Scheme

Beef Feed, Medicated

Test Material Code # 202353

Analyte Summary Report

Labs Reporting: 30

Analytes Reported: 16

Issue Date : 10/31/2023

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)	15	15	141.8	27.88	146.0	11.03	5.950	7.56%	5.442	7.56%
017	Boron (ppm)	9	9	19.14	2.174	19.14	1.963	1.027	10.26%	0.7130	10.26%
021	Cobalt (ppm)	20	19	25.16	2.080	25.02	2.465	0.5669	9.85%	0.5491	9.85%
022	Copper (ppm)	26	25	50.28	3.044	50.27	4.460	0.8618	8.87%	1.488	8.87%
023	Fluorine (ppm)	1	1	140.0							
024	Iodine (ppm)	2	2	8.338	4.847						
034	Selenium, Total (Se) (ppm)	19	16	2.439	0.5085	2.369	0.3328	0.1209	14.05%	0.1196	14.05%
036	Sulfur (%)	13	13	0.4535	0.0366	0.4512	0.0203	0.0124	4.51%	0.0171	4.51%
038	Molybdenum (ppm)	20	18	2.300	0.2685	2.285	0.3228	0.0482	14.13%	0.1276	14.13%
041	Vanadium (ppm)	7	7	41.68	2.818	41.16	3.763	0.8659	9.14%	1.558	9.14%
516	Arsenic, Total (As) (ppm)	21	21	28.35	3.947	28.84	2.782	0.6955	9.64%	0.9431	9.64%
518	Cadmium (ppm)	24	22	2.669	0.6324	2.771	0.3802	0.0740	13.72%	0.1188	13.72%
520	Chromium, Total (Cr) (ppm)	22	21	8.387	0.9066	8.425	0.9779	0.2553	11.61%	0.1667	11.61%
526	Lead (ppm)	24	20	2.317	0.6761	2.335	0.3288	0.0844	14.08%	0.1112	14.08%
529	Mercury (ppb)	11	11	1,192	769.8	1,192	185.7	329.0	15.58%	60.67	15.58%
539	Nickel (ppm)	18	16	2.262	0.3585	2.292	0.3236	0.0961	14.12%	0.1345	14.12%

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.