AAFCO Association of American Feed Control Officials

ANAB ACCREDITED ISO/IEC 17043 PROFICIENCY TESTING PROVIDER

AAFCO PTP Minerals Scheme

Minerals Scheme

Swine Mineral

Test Material Code # 202251

Analyte Summary Report

 # Labs Reporting: 34

 # Analytes Reported: 16

Issue Date : 04/30/2022

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 (R-bar)	Thompson Horwitz %RSD
015	Aluminum (ppm)	19	**18**	1,812	489.6	**1,785**	92.52	83.08	5.18%	51.30	5.18%
017	Boron (ppm)	11	**10**	34.48	7.077	**33.61**	3.168	2.278	9.43%	1.237	9.43%
021	Cobalt (ppm)	23	**22**	28.80	4.452	**28.96**	2.792	1.012	9.64%	0.8987	9.64%
022	Copper (ppm)	33	**32**	338.0	56.23	**345.3**	22.92	8.739	6.64%	14.04	6.64%
023	Fluorine (ppm)	4	3	32.92	50.99	3.551	0.4694	0.2710	13.22%	0.9600	13.22%
024	Iodine (ppm)	1	1	17.38							
034	Selenium, Total (Se) (ppm)	19	**19**	11.40	2.834	**11.27**	1.252	0.8284	11.11%	0.5915	11.11%
036	Sulfur (%)	19	**18**	0.8404	0.1420	**0.8277**	0.0341	0.0369	4.12%	0.0214	4.12%
038	Molybdenum (ppm)	21	**21**	1.755	0.4102	**1.760**	0.2585	0.1145	14.69%	0.1151	14.69%
041	Vanadium (ppm)	13	**13**	59.60	16.44	**56.36**	4.915	2.037	8.72%	3.078	8.72%
516	Arsenic, Total (As) (ppm)	24	**24**	10.21	3.196	**10.28**	1.158	0.6773	11.26%	0.2849	11.26%
518	Cadmium (ppm)	26	**25**	3.342	0.5712	**3.367**	0.4487	0.1472	13.33%	0.0919	13.33%
520	Chromium, Total (Cr) (ppm)	23	**22**	58.05	8.500	**57.98**	5.034	2.351	8.68%	1.576	8.68%
526	Lead (ppm)	25	**23**	4.245	0.8264	**4.262**	0.5481	0.2353	12.86%	0.2060	12.86%
529	Mercury (ppb)	15	**9**	1,728	550.2	**1,789**	262.1	196.2	14.66%	97.57	14.66%
539	Nickel (ppm)	20	**18**	9.675	2.281	**9.561**	1.089	0.6648	11.39%	0.4386	11.39%

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.