



AAFCO
Proficiency Testing Program



Mycotoxin Contaminants Scheme

Equine Feed

Test Material Code # 202164

Analyte Summary Report

Labs Reporting: 58

Analytes Reported: 15

Issue Date : 11/30/2021

Analyte Group Code	Analyte and Method	Total # Tests Submitted	# Tests in Robust Calcs	Raw Mean	Raw SD	Assigned Value Robust Mean	Revised Horwitz SD (offp)	Uncertainty (U) Robust	% RSD - Robust	Average Range (R-bar)	Thompson Horwitz %RSD
600	Total Aflatoxin (ppb)	44	42	8.030	2.965	7.753	2.701	0.5209	34.83%	0.8225	22.00%
601	Aflatoxin B1 (ppb)	30	30	7.133	2.235	7.194	2.511	0.5731	34.91%	1.009	22.00%
602	Aflatoxin B2 (ppb)	25	10	0.5670	0.3072	0.5000	0.1876	0.0742	37.52%	0.0640	22.00%
603	Aflatoxin G1 (ppb)	20	2	0.8150	0.9687	0.8150	0.3018	0.2667	37.03%	0.5700	22.00%
604	Aflatoxin G2 (ppb)	17									
610	Deoxynivalenol (ppb)	45	45	1,359	425.3	1,383	418.5	77.98	30.27%	105.3	15.24%
620	Total Fumonisin (ppb)	28	27	2,048	951.4	2,029	607.9	146.2	29.96%	238.9	14.38%
621	Fumonsin B1 (ppb)	21	21	1,496	645.0	1,411	427.0	116.5	30.25%	82.63	15.19%
622	Fumonisin B2 (ppb)	19	18	448.2	185.7	428.7	133.9	39.47	31.25%	42.19	18.17%
623	Fumonisin B3 (ppb)	9	9	201.3	113.3	174.4	55.82	23.26	32.02%	9.703	20.81%
630	Ochratoxin A (ppb)	34	33	170.5	48.95	173.7	55.60	12.10	32.02%	15.94	20.82%
640	T-2 Toxin (ppb)	20	20	309.7	68.68	313.0	98.65	27.57	31.51%	30.17	19.05%
641	HT-2 Toxin (ppb)	12	12	94.46	30.86	93.73	30.52	11.01	32.56%	11.89	22.00%
642	T-2 Toxin + HT-2 Toxin (ppb)	10	10	498.8	267.4	465.7	145.2	57.39	31.18%	36.01	17.95%
650	Zearalenone (ppb)	42	40	208.3	90.00	198.3	63.28	12.51	31.91%	18.34	20.41%

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.