



Mycotoxin Proficiency Testing **Report Card for Lab #0000** **Issue Date: 07/31/2016**
Sample # 201662 Equine Feed **Disclaimer: Z scores are provided for research and method development purposes only!**

Method Code	Analyte	Method Used	Result 1	Result 2	Detect ?		LOD	Probability of Detection	Z Score	Assigned Value	Horwitz σ ffp
					D1	D2					
600.21	Total Aflatoxin (ppb)	LC-PCD FI	42.06	41.71	Y	Y		100%	0.54	37.474	8.244
601.21	AB1 (ppb)	LC-PCD FI	37.73	37.33	Y	Y		100%	0.13	36.495	8.029
602.21	AB2 (ppb)	LC-PCD FI	4.33	4.38	Y	Y		100%	1.33	3.37	0.741
603.21	AG1 (ppb)	LC-PCD FI			N	N	15	0.00%	NoZ	0.851	0.187
604.21	AG2 (ppb)	LC-PCD FI			N	N	5			ND (0.5)	
610.20	Deoxynivalenol (ppb)	LC	1,000	1,000	Y	Y		100%	-1.08	1,202	187
620.11	Total Fumonisin (ppb)	Vicam Fumonitest	2,600	2,800	Y	Y		100%	0.54	2,512	349.8
621.20	FB1 (ppb)	LC	2,100	2,300	Y	Y		100%	-0.34	2,312	326
622.20	FB2 (ppb)	LC	500	500	Y	Y		100%	-1.00	604.7	104.3
630.20	Ochratoxin A (ppb)	LC	185	202	Y	Y		100%	1.46	147.6	31.487
650.20	Zearalenone (ppb)	LC	220	170	Y	Y		100%	-1.62	283.7	54.855

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). If < 6 results used in calculations or only 1 of 2 results detected, Z is Grey and Probability of Detection is for the Non-Detect (see documentation). A Red NoZ indicates both results Not Detected with a Probability Of Detecting a single value. Where the Assigned Value is ND then the LOD follows as (LOD) in the Analyte units. An asterisk on the Analyte name indicates Reference Lab Value Used as Assigned Value and Z scores are calculated against the reference Lab.