

## Mycotoxin Proficiency Testing

Issue Date: 01/31/2017

### Analytes for Sample # 201664 Dog Food

Disclaimer: Z scores are provided for research and method development purposes only!

Lab #	Code	Analyte	Method	Result 1	Result 2	Detect ?		LOD	Probability of Detection	Z Score	Assigned Value	Horwitz
						D1	D2					
0202	600.12	Total Aflatoxin (ppb)	r-Biopharm Ridascreen FAST Afl	6.9	8.4	Y	Y		100%	-1.33	10.827	2.382
2096	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	7.6	8.6	Y	Y		100%	-1.14	10.827	2.382
2098	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	8.7	8.3	Y	Y		100%	-0.98	10.827	2.382
0013	600.22	Total Aflatoxin (ppb)	Vicam Aflatest, LC-FI	9.3	8.6	Y	Y		100%	-0.79	10.827	2.382
0208	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	10.2	8	Y	Y		100%	-0.73	10.827	2.382
2050	600.98	Total Aflatoxin (ppb)	Other Rapid Test Kit	9.4	8.8	Y	Y		100%	-0.73	10.827	2.382
0964	600.21	Total Aflatoxin (ppb)	LC-PCD FI	9.04	9.341	Y	Y		100%	-0.69	10.827	2.382
2113	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	8.5	10	Y	Y		100%	-0.66	10.827	2.382
0003	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	9.5	9.1	Y	Y		100%	-0.64	10.827	2.382
0529	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	9.6	9.1	Y	Y		100%	-0.62	10.827	2.382
0033	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	8.3	10.4	Y	Y		100%	-0.62	10.827	2.382
0027	600.21	Total Aflatoxin (ppb)	LC-PCD FI	9.841	10.594	Y	Y		100%	-0.26	10.827	2.382
0870	600.98	Total Aflatoxin (ppb)	Other Rapid Test Kit	10.1	10.6	Y	Y		100%	-0.20	10.827	2.382
0297	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	10.2	11.4	Y	Y		100%	-0.01	10.827	2.382
0010	600.21	Total Aflatoxin (ppb)	LC-PCD FI	11.3	11.3	Y	Y		100%	0.20	10.827	2.382
0001	600.24	Total Aflatoxin (ppb)	LC-MS/MS	11.3	11.3	Y	Y		100%	0.20	10.827	2.382
0964	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	10.7	12.2	Y	Y		100%	0.26	10.827	2.382
0034	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	11.6	11.4	Y	Y		100%	0.28	10.827	2.382
0226	600.20	Total Aflatoxin (ppb)	LC	11.5	12.3	Y	Y		100%	0.45	10.827	2.382
2134	600.24	Total Aflatoxin (ppb)	LC-MS/MS	13.2	11.8	Y	Y		100%	0.70	10.827	2.382
0227	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	14	12	Y	Y		100%	0.91	10.827	2.382
0004	600.14	Total Aflatoxin (ppb)	Vicam Aflatest	13	13	Y	Y		100%	0.91	10.827	2.382
0407	600.13	Total Aflatoxin (ppb)	r-Biopharm Ridascreen FAST Afl SC	13.512	12.604	Y	Y		100%	0.94	10.827	2.382
0683	600.08	Total Aflatoxin (ppb)	Romer AgraQuant Total Afl 4-40ppb	12.8	13.7	Y	Y		100%	1.02	10.827	2.382
0613	600.24	Total Aflatoxin (ppb)	LC-MS/MS	13.4	13.11	Y	Y		100%	1.02	10.827	2.382
0098	600.21	Total Aflatoxin (ppb)	LC-PCD FI	13.92	13.17	Y	Y		100%	1.14	10.827	2.382
0042	600.20	Total Aflatoxin (ppb)	LC	16	12	Y	Y		100%	1.33	10.827	2.382
0009	600.21	Total Aflatoxin (ppb)	LC-PCD FI	25.017	27.855	Y	Y		100%	6.55	10.827	2.382
0596	601.21	AB1 (ppb)	LC-PCD FI	3.05	3.05	Y	Y		100%	-3.33	11.37	2.501
0870	601.23	AB1 (ppb)	LC-MS/MS	9.32	7.78	Y	Y		100%	-1.13	11.37	2.501
0964	601.21	AB1 (ppb)	LC-PCD FI	8.416	9.052	Y	Y		100%	-1.05	11.37	2.501
0013	601.24	AB1 (ppb)	Vicam Aflatest, LC-FI	9.3	8.6	Y	Y		100%	-0.97	11.37	2.501
0027	601.21	AB1 (ppb)	LC-PCD FI	8.668	9.357	Y	Y		100%	-0.94	11.37	2.501
0028	601.23	AB1 (ppb)	LC-MS/MS	9.1	9.2	Y	Y		100%	-0.89	11.37	2.501
0613	601.23	AB1 (ppb)	LC-MS/MS	9.75	9.73	Y	Y		100%	-0.65	11.37	2.501
0728	601.20	AB1 (ppb)	LC	10.1	11.4	Y	Y		100%	-0.25	11.37	2.501
0226	601.24	AB1 (ppb)	Vicam Aflatest, LC-FI	10.6	11.4	Y	Y		100%	-0.15	11.37	2.501
2023	601.24	AB1 (ppb)	Vicam Aflatest, LC-FI	10.6	11.4	Y	Y		100%	-0.15	11.37	2.501

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0098	601.21	AB1 (ppb)	LC-PCD FI	12.48	11.91	Y	Y		100%	0.33	11.37	2.501
2134	601.23	AB1 (ppb)	LC-MS/MS	13.2	11.8	Y	Y		100%	0.45	11.37	2.501
0913	601.20	AB1 (ppb)	LC	11.18	15.21	Y	Y		100%	0.73	11.37	2.501
2033	601.23	AB1 (ppb)	LC-MS/MS	13.6	13.3	Y	Y		100%	0.83	11.37	2.501
2140	601.23	AB1 (ppb)	LC-MS/MS	13	14	Y	Y		100%	0.85	11.37	2.501
0918	601.23	AB1 (ppb)	LC-MS/MS	14.3	14.4	Y	Y		100%	1.19	11.37	2.501
0553	601.23	AB1 (ppb)	LC-MS/MS	18.48	14.13	Y	Y		100%	1.97	11.37	2.501
0009	601.21	AB1 (ppb)	LC-PCD FI	24.937	26.757	Y	Y		100%	5.79	11.37	2.501
0596	602.21	AB2 (ppb)	LC-PCD FI	0.57	0.57	Y	Y		100%	-2.30	1.156	0.254
0964	602.21	AB2 (ppb)	LC-PCD FI	0.625	0.607	Y	Y		100%	-2.13	1.156	0.254
0009	602.21	AB2 (ppb)	LC-PCD FI	0.62	1.098	Y	Y		100%	-1.17	1.156	0.254
0226	602.24	AB2 (ppb)	Vicam Aflatest, LC-FI	0.9	0.9	Y	Y		100%	-1.01	1.156	0.254
0870	602.23	AB2 (ppb)	LC-MS/MS	0.98	0.98	Y	Y		100%	-0.69	1.156	0.254
0913	602.20	AB2 (ppb)	LC	0.86	1.44	Y	Y		100%	-0.02	1.156	0.254
0027	602.21	AB2 (ppb)	LC-PCD FI	1.173	1.237	Y	Y		100%	0.19	1.156	0.254
0728	602.20	AB2 (ppb)	LC	1.18	1.36	Y	Y		100%	0.45	1.156	0.254
0098	602.21	AB2 (ppb)	LC-PCD FI	1.44	1.26	Y	Y		100%	0.76	1.156	0.254
2033	602.23	AB2 (ppb)	LC-MS/MS	1.6	1.2	Y	Y		100%	0.96	1.156	0.254
0918	602.23	AB2 (ppb)	LC-MS/MS	1.48	1.43	Y	Y		100%	1.17	1.156	0.254
0613	602.23	AB2 (ppb)	LC-MS/MS	1.65	1.38	Y	Y		100%	1.41	1.156	0.254
0028	602.23	AB2 (ppb)	LC-MS/MS	2.14	2.97	Y	Y		100%	5.50	1.156	0.254
0553	602.23	AB2 (ppb)	LC-MS/MS	3.51	2.22	Y	Y		100%	6.72	1.156	0.254
2134	602.23	AB2 (ppb)	LC-MS/MS			N	N	4	0.00%	NoZ	1.156	0.254
2140	602.23	AB2 (ppb)	LC-MS/MS			N	N	20	0.00%	NoZ	1.156	0.254
0013	602.24	AB2 (ppb)	Vicam Aflatest, LC-FI			N	N	1.6	4.05%	NoZ	1.156	0.254
2023	602.24	AB2 (ppb)	Vicam Aflatest, LC-FI			N	N	0.6	98.56%	NoZ	1.156	0.254
0728	603.20	AG1* (ppb)	LC			N	N	1			ND (0.5)	
0913	603.20	AG1* (ppb)	LC			N	N	1			ND (0.5)	
0098	603.21	AG1* (ppb)	LC-PCD FI			N	N	15			ND (0.5)	
0964	603.21	AG1* (ppb)	LC-PCD FI			N	N	1			ND (0.5)	
0553	603.23	AG1* (ppb)	LC-MS/MS			N	N	1			ND (0.5)	
0613	603.23	AG1* (ppb)	LC-MS/MS			N	N	1			ND (0.5)	
0870	603.23	AG1* (ppb)	LC-MS/MS			N	N	0.6			ND (0.5)	
0918	603.23	AG1* (ppb)	LC-MS/MS	0.3	0.4	Y	Y				ND (0.5)	
2033	603.23	AG1* (ppb)	LC-MS/MS			N	N	1			ND (0.5)	
2134	603.23	AG1* (ppb)	LC-MS/MS			N	N	4			ND (0.5)	
2140	603.23	AG1* (ppb)	LC-MS/MS			N	N	20			ND (0.5)	
0013	603.24	AG1* (ppb)	Vicam Aflatest, LC-FI			N	N	2			ND (0.5)	
0226	603.24	AG1* (ppb)	Vicam Aflatest, LC-FI			N	N	5			ND (0.5)	
2023	603.24	AG1* (ppb)	Vicam Aflatest, LC-FI			N	N	0.6			ND (0.5)	
0728	604.20	AG2* (ppb)	LC			N	N	1			ND (0.5)	
0913	604.20	AG2* (ppb)	LC			N	N	1			ND (0.5)	
0098	604.21	AG2* (ppb)	LC-PCD FI			N	N	5			ND (0.5)	
0964	604.21	AG2* (ppb)	LC-PCD FI			N	N	1			ND (0.5)	
0553	604.23	AG2* (ppb)	LC-MS/MS			N	N	1			ND (0.5)	
0613	604.23	AG2* (ppb)	LC-MS/MS			N	N	1			ND (0.5)	

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						D1	D2					
0870	604.23	AG2* (ppb)	LC-MS/MS			N	N	0.6			ND (0.5)	
0918	604.23	AG2* (ppb)	LC-MS/MS			N	N	0.03			ND (0.5)	
2033	604.23	AG2* (ppb)	LC-MS/MS			N	N	1			ND (0.5)	
2134	604.23	AG2* (ppb)	LC-MS/MS			N	N	4			ND (0.5)	
2140	604.23	AG2* (ppb)	LC-MS/MS			N	N	20			ND (0.5)	
0013	604.24	AG2* (ppb)	Vicam Aflatest, LC-FI			N	N	0.9			ND (0.5)	
0226	604.24	AG2* (ppb)	Vicam Aflatest, LC-FI			N	N	5			ND (0.5)	
2023	604.24	AG2* (ppb)	Vicam Aflatest, LC-FI			N	N	0.6			ND (0.5)	
0529	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	2.1	1.8	Y	Y		100%	-6.93	2,002	288.5
0001	610.23	Deoxynivalenol (ppb)	LC-MS/MS	900	867	Y	Y		100%	-3.88	2,002	288.5
0028	610.23	Deoxynivalenol (ppb)	LC-MS/MS	898.5	1,086	Y	Y		100%	-3.50	2,002	288.5
2050	610.98	Deoxynivalenol (ppb)	Other Rapid Test Kit	1,400	1,300	Y	Y		100%	-2.26	2,002	288.5
2023	610.20	Deoxynivalenol (ppb)	LC	1,457	1,478	Y	Y		100%	-1.85	2,002	288.5
0202	610.06	Deoxynivalenol (ppb)	r-Biopharm Ridascreen DON	1,700	1,500	Y	Y		100%	-1.39	2,002	288.5
0098	610.20	Deoxynivalenol (ppb)	LC	1,600	1,600	Y	Y		100%	-1.39	2,002	288.5
0553	610.23	Deoxynivalenol (ppb)	LC-MS/MS	1,611	1,823	Y	Y		100%	-0.99	2,002	288.5
0913	610.20	Deoxynivalenol (ppb)	LC	1,728	1,753	Y	Y		100%	-0.91	2,002	288.5
0613	610.23	Deoxynivalenol (ppb)	LC-MS/MS	1,984	1,502	Y	Y		100%	-0.90	2,002	288.5
0226	610.09	Deoxynivalenol (ppb)	Vicam DON-V	1,600	1,900	Y	Y		100%	-0.87	2,002	288.5
0918	610.23	Deoxynivalenol (ppb)	LC-MS/MS	1,870	1,760	Y	Y		100%	-0.65	2,002	288.5
0407	610.07	Deoxynivalenol (ppb)	r-Biopharm Ridascreen FAST DON	2,093	2,141	Y	Y		100%	0.40	2,002	288.5
2134	610.23	Deoxynivalenol (ppb)	LC-MS/MS	2,383	1,855	Y	Y		100%	0.41	2,002	288.5
2140	610.23	Deoxynivalenol (ppb)	LC-MS/MS	2,207	2,053	Y	Y		100%	0.44	2,002	288.5
0033	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	2,000	2,300	Y	Y		100%	0.51	2,002	288.5
0009	610.07	Deoxynivalenol (ppb)	r-Biopharm Ridascreen FAST DON	2,350	1,950	Y	Y		100%	0.51	2,002	288.5
0870	610.23	Deoxynivalenol (ppb)	LC-MS/MS	2,240	2,120	Y	Y		100%	0.62	2,002	288.5
0208	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	2,180	2,200	Y	Y		100%	0.65	2,002	288.5
0227	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	2,700	1,700	Y	Y		100%	0.69	2,002	288.5
2113	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	2,200	2,200	Y	Y		100%	0.69	2,002	288.5
0003	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	2,400	2,100	Y	Y		100%	0.86	2,002	288.5
2096	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	2,300	2,200	Y	Y		100%	0.86	2,002	288.5
0728	610.20	Deoxynivalenol (ppb)	LC	2,317	2,300	Y	Y		100%	1.06	2,002	288.5
0027	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	2,600	2,200	Y	Y		100%	1.38	2,002	288.5
0964	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	2,350	2,500	Y	Y		100%	1.47	2,002	288.5
0297	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	2,600	2,300	Y	Y		100%	1.55	2,002	288.5
2098	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	2,500	2,400	Y	Y		100%	1.55	2,002	288.5
0870	610.98	Deoxynivalenol (ppb)	Other Rapid Test Kit	2,300	2,600	Y	Y		100%	1.55	2,002	288.5
0870	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	2,100	2,800	Y	Y		100%	1.55	2,002	288.5
2033	610.23	Deoxynivalenol (ppb)	LC-MS/MS	2,865	2,483	Y	Y		100%	2.33	2,002	288.5
0098	620.11	Total Fumonisin (ppb)	Vicam Fumonitest	1,000	1,100	Y	Y		100%	-2.69	1,738	255.8
0004	620.11	Total Fumonisin (ppb)	Vicam Fumonitest	1,200	1,100	Y	Y		100%	-2.30	1,738	255.8
0964	620.21	Total Fumonisin (ppb)	LC-FI OPA der.	1,341	1,259	Y	Y		100%	-1.71	1,738	255.8
0202	620.09	Total Fumonisin (ppb)	r-Biopharm Ridascreen FAST FUM	1,400	1,200	Y	Y		100%	-1.71	1,738	255.8
0226	620.21	Total Fumonisin (ppb)	LC-FI OPA der.	1,130	1,540	Y	Y		100%	-1.57	1,738	255.8
2098	620.01	Total Fumonisin (ppb)	Neogen Veratox Fumonisin	1,400	1,400	Y	Y		100%	-1.32	1,738	255.8
2050	620.98	Total Fumonisin (ppb)	Other Rapid Test Kit	1,600	1,400	Y	Y		100%	-0.93	1,738	255.8

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0407	620.09	Total Fumonisin (ppb)	r-Biopharm Ridascreen FAST FUM	1,564	1,487	Y	Y		100%	-0.83	1,738	255.8
2023	620.21	Total Fumonisin (ppb)	LC-FI OPA der.	1,634	1,609	Y	Y		100%	-0.45	1,738	255.8
0033	620.01	Total Fumonisin (ppb)	Neogen Veratox Fumonisin	1,400	2,000	Y	Y		100%	-0.15	1,738	255.8
2113	620.01	Total Fumonisin (ppb)	Neogen Veratox Fumonisin	1,800	1,700	Y	Y		100%	0.05	1,738	255.8
0964	620.01	Total Fumonisin (ppb)	Neogen Veratox Fumonisin	1,700	1,900	Y	Y		100%	0.24	1,738	255.8
0042	620.01	Total Fumonisin (ppb)	Neogen Veratox Fumonisin	1,900	2,000	Y	Y		100%	0.83	1,738	255.8
0529	620.02	Total Fumonisin (ppb)	Neogen Veratox Fumonisin 5/10	2,200	1,700	Y	Y		100%	0.83	1,738	255.8
0227	620.01	Total Fumonisin (ppb)	Neogen Veratox Fumonisin	2,000	2,000	Y	Y		100%	1.02	1,738	255.8
0010	620.23	Total Fumonisin (ppb)	LC-MS/MS	2,200	1,900	Y	Y		100%	1.22	1,738	255.8
2134	620.23	Total Fumonisin (ppb)	LC-MS/MS	2,050	2,140	Y	Y		100%	1.40	1,738	255.8
0613	620.23	Total Fumonisin (ppb)	LC-MS/MS	2,273	2,471	Y	Y		100%	2.48	1,738	255.8
0027	620.01	Total Fumonisin (ppb)	Neogen Veratox Fumonisin	2,410	2,490	Y	Y		100%	2.78	1,738	255.8
0870	620.02	Total Fumonisin (ppb)	Neogen Veratox Fumonisin 5/10	2,980	2,420	Y	Y		100%	3.76	1,738	255.8
0098	621.20	FB1 (ppb)	LC	800	900	Y	Y		100%	-2.53	1,383	210.6
0226	621.21	FB1 (ppb)	LC-FI OPA der.	700	1,100	Y	Y		100%	-2.29	1,383	210.6
0870	621.23	FB1 (ppb)	LC-MS/MS	940	940	Y	Y		100%	-2.10	1,383	210.6
0964	621.21	FB1 (ppb)	LC-FI OPA der.	1,067	1,017	Y	Y		100%	-1.62	1,383	210.6
0728	621.20	FB1 (ppb)	LC	1,264	1,016	Y	Y		100%	-1.15	1,383	210.6
0596	621.21	FB1 (ppb)	LC-FI OPA der.	1,195	1,195	Y	Y		100%	-0.89	1,383	210.6
2033	621.23	FB1 (ppb)	LC-MS/MS	1,225	1,338	Y	Y		100%	-0.48	1,383	210.6
2134	621.23	FB1 (ppb)	LC-MS/MS	1,469	1,554	Y	Y		100%	0.61	1,383	210.6
0913	621.20	FB1 (ppb)	LC	1,790	1,580	Y	Y		100%	1.44	1,383	210.6
0613	621.23	FB1 (ppb)	LC-MS/MS	1,759	1,903	Y	Y		100%	2.13	1,383	210.6
2140	621.23	FB1 (ppb)	LC-MS/MS	2,298	1,812	Y	Y		100%	3.19	1,383	210.6
0553	621.23	FB1 (ppb)	LC-MS/MS	3,209	3,677	Y	Y		100%	9.78	1,383	210.6
0870	622.23	FB2 (ppb)	LC-MS/MS	200	120	Y	Y		100%	-2.96	357.7	66.794
0098	622.20	FB2 (ppb)	LC	200	200	Y	Y		100%	-2.36	357.7	66.794
0964	622.21	FB2 (ppb)	LC-FI OPA der.	274	241.3	Y	Y		100%	-1.50	357.7	66.794
0226	622.21	FB2 (ppb)	LC-FI OPA der.	300	300	Y	Y		100%	-0.86	357.7	66.794
2134	622.23	FB2 (ppb)	LC-MS/MS	398	402	Y	Y		100%	0.63	357.7	66.794
0913	622.20	FB2 (ppb)	LC	420	410	Y	Y		100%	0.86	357.7	66.794
0728	622.20	FB2 (ppb)	LC	412	430	Y	Y		100%	0.95	357.7	66.794
2033	622.23	FB2 (ppb)	LC-MS/MS	421	422	Y	Y		100%	0.96	357.7	66.794
2140	622.23	FB2 (ppb)	LC-MS/MS	461	461	Y	Y		100%	1.55	357.7	66.794
0613	622.23	FB2 (ppb)	LC-MS/MS	514.1	567.5	Y	Y		100%	2.74	357.7	66.794
0553	622.23	FB2 (ppb)	LC-MS/MS	558.5	725.4	Y	Y		100%	4.26	357.7	66.794
0870	623.23	FB3 (ppb)	LC-MS/MS	120	80	Y	Y		100%	-2.28	188.2	38.71
0226	623.21	FB3 (ppb)	LC-FI OPA der.	130	140	Y	Y		100%	-1.37	188.2	38.71
2134	623.23	FB3 (ppb)	LC-MS/MS	183	184	Y	Y		100%	-0.12	188.2	38.71
2033	623.23	FB3 (ppb)	LC-MS/MS	187	191	Y	Y		100%	0.02	188.2	38.71
0913	623.20	FB3 (ppb)	LC	130	290	Y	Y		100%	0.56	188.2	38.71
0553	623.23	FB3 (ppb)	LC-MS/MS	329.7	411.8	Y	Y		100%	4.72	188.2	38.71
0529	630.01	Ochratoxin A* (ppb)	Neogen Veratox Ochratoxin	57.9	58.5	Y	Y		100%	-5.37	668.7	113.6
0003	630.01	Ochratoxin A* (ppb)	Neogen Veratox Ochratoxin	56.4	61.1	Y	Y		100%	-5.37	668.7	113.6
0613	630.23	Ochratoxin A* (ppb)	LC-MS/MS	127.7	123.6	Y	Y		100%	-4.78	668.7	113.6
0596	630.21	Ochratoxin A* (ppb)	LC-PCD FI	136.2	136.2	Y	Y		100%	-4.69	668.7	113.6



Lab #	Code	Analyte	Method	Result 1	Result 2	Detect ?		LOD	Probability of Detection	Z Score	Assigned Value	Horwitz
						D1	D2					
0964	630.01	Ochratoxin A* (ppb)	Neogen Veratox Ochratoxin	183	139	Y	Y		100%	-4.47	668.7	113.6
0870	630.98	Ochratoxin A* (ppb)	Other Rapid Test Kit	176	187	Y	Y		100%	-4.29	668.7	113.6
0964	630.21	Ochratoxin A* (ppb)	LC-PCD FI	180.1	193	Y	Y		100%	-4.24	668.7	113.6
0407	630.05	Ochratoxin A* (ppb)	r-Biopharm Ridascreen FAST Och A	224.1	223.1	Y	Y		100%	-3.92	668.7	113.6
0226	630.06	Ochratoxin A* (ppb)	Vicam OchraTest	245.4	248.6	Y	Y		100%	-3.71	668.7	113.6
2033	630.23	Ochratoxin A* (ppb)	LC-MS/MS	240	300	Y	Y		100%	-3.51	668.7	113.6
2098	630.01	Ochratoxin A* (ppb)	Neogen Veratox Ochratoxin	360	410	Y	Y		100%	-2.50	668.7	113.6
0001	630.23	Ochratoxin A* (ppb)	LC-MS/MS	405	429	Y	Y		100%	-2.21	668.7	113.6
0870	630.23	Ochratoxin A* (ppb)	LC-MS/MS	445.6	480.4	Y	Y		100%	-1.81	668.7	113.6
2023	630.20	Ochratoxin A* (ppb)	LC	447	480	Y	Y		100%	-1.81	668.7	113.6
0728	630.20	Ochratoxin A* (ppb)	LC	572	569	Y	Y		100%	-0.86	668.7	113.6
2140	630.23	Ochratoxin A* (ppb)	LC-MS/MS	632	598	Y	Y		100%	-0.47	668.7	113.6
0913	630.20	Ochratoxin A* (ppb)	LC	583.1	649.1	Y	Y		100%	-0.46	668.7	113.6
0098	630.20	Ochratoxin A* (ppb)	LC	608	640	Y	Y		100%	-0.39	668.7	113.6
0553	630.23	Ochratoxin A* (ppb)	LC-MS/MS	650.8	713.7	Y	Y		100%	0.12	668.7	113.6
0918	630.23	Ochratoxin A* (ppb)	LC-MS/MS	693	702	Y	Y		100%	0.25	668.7	113.6
0227	630.01	Ochratoxin A* (ppb)	Neogen Veratox Ochratoxin	704	704	Y	Y		100%	0.31	668.7	113.6
2134	630.23	Ochratoxin A* (ppb)	LC-MS/MS	756	698	Y	Y		100%	0.51	668.7	113.6
0918	640.23	T-2 (ppb)	LC-MS/MS	74.8	64.4	Y	Y		100%	-1.60	107.2	23.591
0913	640.24	T-2 (ppb)	GC-ECD	57.6	102.1	Y	Y		100%	-1.16	107.2	23.591
0001	640.23	T-2 (ppb)	LC-MS/MS	80	82	Y	Y		100%	-1.11	107.2	23.591
2134	640.23	T-2 (ppb)	LC-MS/MS	83.6	97.5	Y	Y		100%	-0.71	107.2	23.591
0553	640.23	T-2 (ppb)	LC-MS/MS	108.4	100.2	Y	Y		100%	-0.12	107.2	23.591
0202	640.05	T-2 (ppb)	r-Biopharm Ridascreen FAST T-2	115.4	112.4	Y	Y		100%	0.28	107.2	23.591
2140	640.23	T-2 (ppb)	LC-MS/MS	121	107	Y	Y		100%	0.29	107.2	23.591
0407	640.05	T-2 (ppb)	r-Biopharm Ridascreen FAST T-2	113.8	119.4	Y	Y		100%	0.40	107.2	23.591
0870	640.23	T-2 (ppb)	LC-MS/MS	125.1	127.2	Y	Y		100%	0.80	107.2	23.591
2033	640.23	T-2 (ppb)	LC-MS/MS	133	135	Y	Y		100%	1.13	107.2	23.591
0227	640.98	T-2 (ppb)	Other Rapid Test Kit	230.8	262	Y	Y		100%	5.90	107.2	23.591
0870	641.23	HT-2 (ppb)	LC-MS/MS	116.1	123.5	Y	Y		100%	-0.36	129.9	28.258
0913	641.24	HT-2 (ppb)	GC-ECD	152	113	Y	Y		100%	0.09	129.9	28.258
2140	641.23	HT-2 (ppb)	LC-MS/MS	149	126	Y	Y		100%	0.27	129.9	28.258
0529	642.21	T-2 + HT-2 (ppb)	Neogen Veratox T-2 + HT-2	178.3	157.3	Y	Y		100%	-1.34	228.9	45.714
0870	642.21	T-2 + HT-2 (ppb)	Neogen Veratox T-2 + HT-2	196.5	196.5	Y	Y		100%	-0.71	228.9	45.714
2098	642.21	T-2 + HT-2 (ppb)	Neogen Veratox T-2 + HT-2	222.1	226.9	Y	Y		100%	-0.10	228.9	45.714
2113	642.21	T-2 + HT-2 (ppb)	Neogen Veratox T-2 + HT-2	210	250	Y	Y		100%	0.02	228.9	45.714
0870	642.98	T-2 + HT-2 (ppb)	Other Rapid Test Kit	257.9	232	Y	Y		100%	0.35	228.9	45.714
0613	642.21	T-2 + HT-2 (ppb)	Neogen Veratox T-2 + HT-2	322.8	214.4	Y	Y		100%	0.87	228.9	45.714
0964	642.98	T-2 + HT-2 (ppb)	Other Rapid Test Kit	312.5	306.8	Y	Y		100%	1.77	228.9	45.714
2113	650.01	Zearalenone (ppb)	Neogen Veratox Zearalenone	180	160	Y	Y		100%	-2.53	325.8	61.703
0870	650.24	Zearalenone (ppb)	LC-MS/MS	151.9	201.6	Y	Y		100%	-2.42	325.8	61.703
0202	650.06	Zearalenone (ppb)	r-Biopharm Ridascreen FAST ZON	211.9	205.3	Y	Y		100%	-1.90	325.8	61.703
0728	650.20	Zearalenone (ppb)	LC	240	232	Y	Y		100%	-1.46	325.8	61.703
0003	650.01	Zearalenone (ppb)	Neogen Veratox Zearalenone	241.9	266.7	Y	Y		100%	-1.16	325.8	61.703
0001	650.24	Zearalenone (ppb)	LC-MS/MS	264	274	Y	Y		100%	-0.92	325.8	61.703
0964	650.22	Zearalenone (ppb)	LC-FI, AOCS	262.1	280.9	Y	Y		100%	-0.88	325.8	61.703

Lab #	Code	Analyte	Method	Result 1	Result 2	Detect ?		LOD	Probability of Detection	Z Score	Assigned Value	Horwitz
						D1	D2					
2134	650.24	Zearalenone (ppb)	LC-MS/MS	282	261	Y	Y		100%	-0.88	325.8	61.703
2098	650.01	Zearalenone (ppb)	Neogen Veratox Zearalenone	288.4	282.6	Y	Y		100%	-0.65	325.8	61.703
0226	650.22	Zearalenone (ppb)	LC-FI, AOCS	300	300	Y	Y		100%	-0.42	325.8	61.703
0529	650.01	Zearalenone (ppb)	Neogen Veratox Zearalenone	311.5	292.1	Y	Y		100%	-0.39	325.8	61.703
0918	650.24	Zearalenone (ppb)	LC-MS/MS	246	361	Y	Y		100%	-0.36	325.8	61.703
0613	650.24	Zearalenone (ppb)	LC-MS/MS	308.6	299	Y	Y		100%	-0.36	325.8	61.703
0964	650.01	Zearalenone (ppb)	Neogen Veratox Zearalenone	321.5	323.6	Y	Y		100%	-0.05	325.8	61.703
0870	650.01	Zearalenone (ppb)	Neogen Veratox Zearalenone	307.3	346.3	Y	Y		100%	0.02	325.8	61.703
0870	650.98	Zearalenone (ppb)	Other Rapid Test Kit	344.6	386	Y	Y		100%	0.64	325.8	61.703
0913	650.20	Zearalenone (ppb)	LC	394.7	367.2	Y	Y		100%	0.89	325.8	61.703
0009	650.06	Zearalenone (ppb)	r-Biopharm Ridascreen FAST ZON	407	376.1	Y	Y		100%	1.07	325.8	61.703
0027	650.01	Zearalenone (ppb)	Neogen Veratox Zearalenone	437	361	Y	Y		100%	1.19	325.8	61.703
0033	650.01	Zearalenone (ppb)	Neogen Veratox Zearalenone	410	397	Y	Y		100%	1.26	325.8	61.703
0407	650.07	Zearalenone (ppb)	r-Biopharm Ridascreen FAST ZON SC	439.6	474.9	Y	Y		100%	2.13	325.8	61.703
2023	650.20	Zearalenone (ppb)	LC	487	431	Y	Y		100%	2.16	325.8	61.703
0553	650.24	Zearalenone (ppb)	LC-MS/MS	454.8	515.6	Y	Y		100%	2.58	325.8	61.703
2140	650.24	Zearalenone (ppb)	LC-MS/MS	477	497	Y	Y		100%	2.61	325.8	61.703
2033	650.24	Zearalenone (ppb)	LC-MS/MS	550	710	Y	Y		100%	4.93	325.8	61.703
0098	650.20	Zearalenone (ppb)	LC	2,250	2,240	Y	Y		100%	31.10	325.8	61.703

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 astrix on the Analyte name indicates Reference Lab Value Used as Assigned Value and Z scores are calculated against the reference Lab.