

Mycotoxin Proficiency Testing

Issue Date: 04/30/2016

All Tests for Sample # 201661 Beef 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					
0010	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	11.5	10.6	Y	Y		100%	-1.43	16.139	3.551
0034	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	11.95	12.05	Y	Y		100%	-1.17	16.139	3.551
0529	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	13.2	11.7	Y	Y		100%	-1.04	16.139	3.551
0208	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	14.9	13.7	Y	Y		100%	-0.52	16.139	3.551
2113	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	15	17	Y	Y		100%	-0.04	16.139	3.551
2096	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	16.2	16.4	Y	Y		100%	0.05	16.139	3.551
0297	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	16	17	Y	Y		100%	0.10	16.139	3.551
0227	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	18	16	Y	Y		100%	0.24	16.139	3.551
0003	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	17.9	17.9	Y	Y		100%	0.50	16.139	3.551
0876	600.01	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin	20.1	21.6	Y	Y		100%	1.33	16.139	3.551
0870	600.02	Total Aflatoxin (ppb)	Neogen Veratox Aflatoxin HS	11.5	10.4	Y	Y		100%	-1.46	16.139	3.551
0683	600.08	Total Aflatoxin (ppb)	Romer AgraQuant Total Afl 4-40p	18.7	17.3	Y	Y		100%	0.52	16.139	3.551
0202	600.12	Total Aflatoxin (ppb)	r-Biopharm Ridascreen FAST Afl	12.2	12.9	Y	Y		100%	-1.01	16.139	3.551
2066	600.12	Total Aflatoxin (ppb)	r-Biopharm Ridascreen FAST Afl	14.1	19.2	Y	Y		100%	0.14	16.139	3.551
0035	600.13	Total Aflatoxin (ppb)	r-Biopharm Ridascreen FAST Afl	16.711	16.067	Y	Y		100%	0.07	16.139	3.551
0407	600.13	Total Aflatoxin (ppb)	r-Biopharm Ridascreen FAST Afl	16.74	16.365	Y	Y		100%	0.12	16.139	3.551
0613	600.14	Total Aflatoxin (ppb)	Vicam Aflatest	10.8	8.4	Y	Y		100%	-1.84	16.139	3.551
0004	600.14	Total Aflatoxin (ppb)	Vicam Aflatest	16	16	Y	Y		100%	-0.04	16.139	3.551
0010	600.20	Total Aflatoxin (ppb)	LC	13.5	14.8	Y	Y		100%	-0.56	16.139	3.551
0042	600.20	Total Aflatoxin (ppb)	LC	22.8	21.2	Y	Y		100%	1.65	16.139	3.551
0035	600.20	Total Aflatoxin (ppb)	LC	21.36	24.438	Y	Y		100%	1.90	16.139	3.551
2066	600.20	Total Aflatoxin (ppb)	LC	21.7	25.1	Y	Y		100%	2.04	16.139	3.551
0226	600.21	Total Aflatoxin (ppb)	LC-PCD FI	12.1	11.7	Y	Y		100%	-1.19	16.139	3.551
0027	600.21	Total Aflatoxin (ppb)	LC-PCD FI	18.683	16.497	Y	Y		100%	0.41	16.139	3.551
0009	600.21	Total Aflatoxin (ppb)	LC-PCD FI	21.43	18.93	Y	Y		100%	1.14	16.139	3.551
0098	600.21	Total Aflatoxin (ppb)	LC-PCD FI	25.31	17.73	Y	Y		100%	1.52	16.139	3.551
0613	600.24	Total Aflatoxin (ppb)	LC-MS/MS	10.8	8.4	Y	Y		100%	-1.84	16.139	3.551
0619	600.24	Total Aflatoxin (ppb)	LC-MS/MS	17.34	17.69	Y	Y		100%	0.39	16.139	3.551
0218	600.24	Total Aflatoxin (ppb)	LC-MS/MS	27.6	27.5	Y	Y		100%	3.21	16.139	3.551
2050	600.98	Total Aflatoxin (ppb)	Other Rapid Test Kit	16.2	16.1	Y	Y		100%	0.00	16.139	3.551
0728	601.20	AB1 (ppb)	LC	13.7	18.22	Y	Y		100%	-0.43	17.621	3.877
0596	601.20	AB1 (ppb)	LC	16.37	16.37	Y	Y		100%	-0.32	17.621	3.877
0913	601.20	AB1 (ppb)	LC	19.06	19.28	Y	Y		100%	0.40	17.621	3.877
0035	601.20	AB1 (ppb)	LC	19.359	21.875	Y	Y		100%	0.77	17.621	3.877
2066	601.20	AB1 (ppb)	LC	20.5	23.5	Y	Y		100%	1.13	17.621	3.877
0646	601.20	AB1 (ppb)	LC	31.46	31.36	Y	Y		100%	3.56	17.621	3.877
0226	601.21	AB1 (ppb)	LC-PCD FI	10.8	9.8	Y	Y		100%	-1.89	17.621	3.877

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						D1	D2					
0027	601.21	AB1 (ppb)	LC-PCD FI	15.444	14.994	Y	Y		100%	-0.62	17.621	3.877
0009	601.21	AB1 (ppb)	LC-PCD FI	19.35	16.99	Y	Y		100%	0.14	17.621	3.877
0098	601.21	AB1 (ppb)	LC-PCD FI	22.38	15.7	Y	Y		100%	0.37	17.621	3.877
0613	601.23	AB1 (ppb)	LC-MS/MS	7.5	5.4	Y	Y		100%	-2.88	17.621	3.877
2033	601.23	AB1 (ppb)	LC-MS/MS	11	14	Y	Y		100%	-1.32	17.621	3.877
0619	601.23	AB1 (ppb)	LC-MS/MS	15.67	15.44	Y	Y		100%	-0.53	17.621	3.877
0918	601.23	AB1 (ppb)	LC-MS/MS	16.4	17.1	Y	Y		100%	-0.22	17.621	3.877
0028	601.23	AB1 (ppb)	LC-MS/MS	19.013	19.957	Y	Y		100%	0.48	17.621	3.877
0913	601.23	AB1 (ppb)	LC-MS/MS	21.79	22.51	Y	Y		100%	1.17	17.621	3.877
0218	601.23	AB1 (ppb)	LC-MS/MS	25.1	24.8	Y	Y		100%	1.89	17.621	3.877
0553	601.23	AB1 (ppb)	LC-MS/MS	34.25	21.86	Y	Y		100%	2.69	17.621	3.877
2023	601.24	AB1 (ppb)	Vicam Aflatest, LC-FI	14.2	14.5	Y	Y		100%	-0.84	17.621	3.877
0596	602.20	AB2 (ppb)	LC	0.13	0.13	Y	Y		100%	-4.24	1.942	0.427
2066	602.20	AB2 (ppb)	LC	1.23	1.58	Y	Y		100%	-1.26	1.942	0.427
0728	602.20	AB2 (ppb)	LC	1.71	1.45	Y	Y		100%	-0.85	1.942	0.427
0035	602.20	AB2 (ppb)	LC	2.001	2.563	Y	Y		100%	0.80	1.942	0.427
0913	602.20	AB2 (ppb)	LC	2.41	2.45	Y	Y		100%	1.14	1.942	0.427
0027	602.21	AB2 (ppb)	LC-PCD FI	1.679	1.503	Y	Y		100%	-0.82	1.942	0.427
0226	602.21	AB2 (ppb)	LC-PCD FI	1.3	1.9	Y	Y		100%	-0.80	1.942	0.427
0009	602.21	AB2 (ppb)	LC-PCD FI	2.08	1.94	Y	Y		100%	0.16	1.942	0.427
0098	602.21	AB2 (ppb)	LC-PCD FI	2.93	2.03	Y	Y		100%	1.26	1.942	0.427
0613	602.23	AB2 (ppb)	LC-MS/MS	1.3		Y	N	1	98.63%	-1.50	1.942	0.427
2033	602.23	AB2 (ppb)	LC-MS/MS	1.1	1.8	Y	Y		100%	-1.15	1.942	0.427
0918	602.23	AB2 (ppb)	LC-MS/MS	1.59	1.73	Y	Y		100%	-0.66	1.942	0.427
0619	602.23	AB2 (ppb)	LC-MS/MS	1.67	2.25	Y	Y		100%	0.04	1.942	0.427
0913	602.23	AB2 (ppb)	LC-MS/MS	2.48	2.55	Y	Y		100%	1.34	1.942	0.427
0218	602.23	AB2 (ppb)	LC-MS/MS	2.5	2.7	Y	Y		100%	1.54	1.942	0.427
0028	602.23	AB2 (ppb)	LC-MS/MS	2.818	2.441	Y	Y		100%	1.61	1.942	0.427
0553	602.23	AB2 (ppb)	LC-MS/MS	2.3	3.19	Y	Y		100%	1.88	1.942	0.427
2023	602.24	AB2 (ppb)	Vicam Aflatest, LC-FI	1.1	1.1	Y	Y		100%	-1.97	1.942	0.427
0728	603.20	AG1* (ppb)	LC			N	N	2	0.00%	NoZ	0.5	0.11
0913	603.20	AG1* (ppb)	LC			N	N	1	0.00%	NoZ	0.5	0.11
2066	603.20	AG1* (ppb)	LC			N	N	0.14	99.95%	NoZ	0.5	0.11
0027	603.21	AG1* (ppb)	LC-PCD FI	1.56		Y	N	0.5	50.00%	9.64	0.5	0.11
0098	603.21	AG1* (ppb)	LC-PCD FI			N	N	15	0.00%	NoZ	0.5	0.11
0226	603.21	AG1* (ppb)	LC-PCD FI			N	N	5	0.00%	NoZ	0.5	0.11
0619	603.23	AG1* (ppb)	LC-MS/MS	0	0	Y	Y		100%	-4.55	0.5	0.11
0918	603.23	AG1* (ppb)	LC-MS/MS	0.5	0.5	Y	Y		100%	0.00	0.5	0.11
0218	603.23	AG1* (ppb)	LC-MS/MS			N	N	1	0.00%	NoZ	0.5	0.11
0553	603.23	AG1* (ppb)	LC-MS/MS			N	N	1	0.00%	NoZ	0.5	0.11
0613	603.23	AG1* (ppb)	LC-MS/MS			N	N	1	0.00%	NoZ	0.5	0.11
0913	603.23	AG1* (ppb)	LC-MS/MS			N	N	1	0.00%	NoZ	0.5	0.11
2033	603.23	AG1* (ppb)	LC-MS/MS			N	N	1	0.00%	NoZ	0.5	0.11
2023	603.24	AG1* (ppb)	Vicam Aflatest, LC-FI			N	N	0.6	18.17%	NoZ	0.5	0.11
0728	604.20	AG2* (ppb)	LC			N	N	1			ND (0.5)	

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0913	604.20	AG2* (ppb)	LC			N	N	1			ND (0.5)	
2066	604.20	AG2* (ppb)	LC			N	N	0.14			ND (0.5)	
0098	604.21	AG2* (ppb)	LC-PCD FI			N	N	5			ND (0.5)	
0226	604.21	AG2* (ppb)	LC-PCD FI			N	N	5			ND (0.5)	
0218	604.23	AG2* (ppb)	LC-MS/MS			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)	
0619	604.23	AG2* (ppb)	LC-MS/MS	0	0	Y	Y				ND (0.5)	
0913	604.23	AG2* (ppb)	LC-MS/MS			N	N	1			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)	
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	1.6	0.8	Y	Y		100%	-6.70	1,592	237.5
2096	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	1.7	1.7	Y	Y		100%	-6.70	1,592	237.5
0003	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	1,100	1,100	Y	Y		100%	-2.07	1,592	237.5
0027	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	1,600	1,500	Y	Y		100%	-0.18	1,592	237.5
0870	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	1,800	1,400	Y	Y		100%	0.03	1,592	237.5
0208	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	1,550	1,690	Y	Y		100%	0.12	1,592	237.5
0227	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	2,400	1,200	Y	Y		100%	0.88	1,592	237.5
2113	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	2,000	1,900	Y	Y		100%	1.51	1,592	237.5
0297	610.01	Deoxynivalenol (ppb)	Neogen Veratox for DON	2,000	2,000	Y	Y		100%	1.72	1,592	237.5
0202	610.06	Deoxynivalenol (ppb)	r-Biopharm Ridascreen DON	1,500	1,500	Y	Y		100%	-0.39	1,592	237.5
2066	610.07	Deoxynivalenol (ppb)	r-Biopharm Ridascreen FAST DOI	1,090	1,430	Y	Y		100%	-1.40	1,592	237.5
0009	610.07	Deoxynivalenol (ppb)	r-Biopharm Ridascreen FAST DOI	1,835	1,620	Y	Y		100%	0.57	1,592	237.5
0407	610.07	Deoxynivalenol (ppb)	r-Biopharm Ridascreen FAST DOI	2,014	1,996	Y	Y		100%	1.74	1,592	237.5
0035	610.08	Deoxynivalenol (ppb)	r-Biopharm Ridascreen FAST DOI	1,980	1,986	Y	Y		100%	1.65	1,592	237.5
0596	610.20	Deoxynivalenol (ppb)	LC	0.23	0.23	Y	Y		100%	-6.70	1,592	237.5
2023	610.20	Deoxynivalenol (ppb)	LC	1,479	1,398	Y	Y		100%	-0.65	1,592	237.5
0098	610.20	Deoxynivalenol (ppb)	LC	1,500	1,400	Y	Y		100%	-0.60	1,592	237.5
0913	610.20	Deoxynivalenol (ppb)	LC	1,770	1,710	Y	Y		100%	0.62	1,592	237.5
0728	610.20	Deoxynivalenol (ppb)	LC	2,304	2,570	Y	Y		100%	3.56	1,592	237.5
0226	610.21	Deoxynivalenol (ppb)	LC-FI	2,100	1,800	Y	Y		100%	1.51	1,592	237.5
0913	610.23	Deoxynivalenol (ppb)	LC-MS/MS	1,100	1,160	Y	Y		100%	-1.95	1,592	237.5
2033	610.23	Deoxynivalenol (ppb)	LC-MS/MS	1,374	1,414	Y	Y		100%	-0.83	1,592	237.5
0918	610.23	Deoxynivalenol (ppb)	LC-MS/MS	1,570	1,310	Y	Y		100%	-0.64	1,592	237.5
0613	610.23	Deoxynivalenol (ppb)	LC-MS/MS	1,526	1,432	Y	Y		100%	-0.48	1,592	237.5
0028	610.23	Deoxynivalenol (ppb)	LC-MS/MS	1,603	1,686	Y	Y		100%	0.22	1,592	237.5
0553	610.23	Deoxynivalenol (ppb)	LC-MS/MS	1,645	1,675	Y	Y		100%	0.29	1,592	237.5
0619	610.23	Deoxynivalenol (ppb)	LC-MS/MS	2,176	1,690	Y	Y		100%	1.44	1,592	237.5
0218	610.25	Deoxynivalenol (ppb)	GC-MS	1,881	1,749	Y	Y		100%	0.94	1,592	237.5
2050	610.98	Deoxynivalenol (ppb)	Other Rapid Test Kit	2,100	1,900	Y	Y		100%	1.72	1,592	237.5
0042	620.01	Total Fumonisin (ppb)	Neogen Veratox Fumonisin	1,800	2,100	Y	Y		100%	-0.78	2,195	311.9
0027	620.01	Total Fumonisin (ppb)	Neogen Veratox Fumonisin	2,710	2,660	Y	Y		100%	1.57	2,195	311.9
0227	620.01	Total Fumonisin (ppb)	Neogen Veratox Fumonisin	3,000	3,000	Y	Y		100%	2.58	2,195	311.9
2113	620.01	Total Fumonisin (ppb)	Neogen Veratox Fumonisin	3,100	3,500	Y	Y		100%	3.54	2,195	311.9

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0529	620.02	Total Fumonisin (ppb)	Neogen Veratox Fumonisin 5/10	3.7	3.4	Y	Y		100%	-7.02	2,195	311.9
0870	620.02	Total Fumonisin (ppb)	Neogen Veratox Fumonisin 5/10	2,420	2,100	Y	Y		100%	0.21	2,195	311.9
2066	620.09	Total Fumonisin (ppb)	r-Biopharm Ridascreen FAST FUM	1,060	890	Y	Y		100%	-3.91	2,195	311.9
0407	620.09	Total Fumonisin (ppb)	r-Biopharm Ridascreen FAST FUM	2,017	2,038	Y	Y		100%	-0.54	2,195	311.9
0202	620.09	Total Fumonisin (ppb)	r-Biopharm Ridascreen FAST FUM	2,200	2,200	Y	Y		100%	0.02	2,195	311.9
0035	620.09	Total Fumonisin (ppb)	r-Biopharm Ridascreen FAST FUM	2,862	2,738	Y	Y		100%	1.94	2,195	311.9
0009	620.09	Total Fumonisin (ppb)	r-Biopharm Ridascreen FAST FUM	2,700	3,300	Y	Y		100%	2.58	2,195	311.9
0098	620.11	Total Fumonisin (ppb)	Vicam Fumonitest	2,200	2,000	Y	Y		100%	-0.30	2,195	311.9
2023	620.21	Total Fumonisin (ppb)	LC-FI OPA der.	2,531	2,474	Y	Y		100%	0.99	2,195	311.9
0226	620.21	Total Fumonisin (ppb)	LC-FI OPA der.	2,900	4,000	Y	Y		100%	4.03	2,195	311.9
0010	620.23	Total Fumonisin (ppb)	LC-MS/MS	2.7	3.1	Y	Y		100%	-7.03	2,195	311.9
0613	620.23	Total Fumonisin (ppb)	LC-MS/MS	1,485	1,618	Y	Y		100%	-2.06	2,195	311.9
0619	620.23	Total Fumonisin (ppb)	LC-MS/MS	3,239	2,919	Y	Y		100%	2.84	2,195	311.9
0596	621.20	FB1 (ppb)	LC	3.28	3.28	Y	Y		100%	-6.88	1,910	277.2
0913	621.20	FB1 (ppb)	LC	1,600	1,750	Y	Y		100%	-0.85	1,910	277.2
0098	621.20	FB1 (ppb)	LC	1,800	1,600	Y	Y		100%	-0.76	1,910	277.2
0728	621.20	FB1 (ppb)	LC	2,933	2,448	Y	Y		100%	2.82	1,910	277.2
0226	621.21	FB1 (ppb)	LC-FI OPA der.	2,200	2,700	Y	Y		100%	1.95	1,910	277.2
0613	621.23	FB1 (ppb)	LC-MS/MS	1,123	1,287	Y	Y		100%	-2.54	1,910	277.2
2033	621.23	FB1 (ppb)	LC-MS/MS	1,446	1,648	Y	Y		100%	-1.31	1,910	277.2
0913	621.23	FB1 (ppb)	LC-MS/MS	1,850	1,950	Y	Y		100%	-0.04	1,910	277.2
0553	621.23	FB1 (ppb)	LC-MS/MS	1,998	1,897	Y	Y		100%	0.13	1,910	277.2
0218	621.23	FB1 (ppb)	LC-MS/MS	2,230	2,310	Y	Y		100%	1.30	1,910	277.2
0619	621.23	FB1 (ppb)	LC-MS/MS	2,662	2,438	Y	Y		100%	2.31	1,910	277.2
0596	622.20	FB2 (ppb)	LC	0.33	0.33	Y	Y		100%	-5.64	507.9	89.97
0913	622.20	FB2 (ppb)	LC	340	200	Y	Y		100%	-2.64	507.9	89.97
0098	622.20	FB2 (ppb)	LC	400	400	Y	Y		100%	-1.20	507.9	89.97
0728	622.20	FB2 (ppb)	LC	1,185	1,245	Y	Y		100%	7.86	507.9	89.97
0226	622.21	FB2 (ppb)	LC-FI OPA der.	400	700	Y	Y		100%	0.47	507.9	89.97
0613	622.23	FB2 (ppb)	LC-MS/MS	361.9	330.9	Y	Y		100%	-1.80	507.9	89.97
0619	622.23	FB2 (ppb)	LC-MS/MS	576.8	480.9	Y	Y		100%	0.23	507.9	89.97
0553	622.23	FB2 (ppb)	LC-MS/MS	580.2	483.6	Y	Y		100%	0.27	507.9	89.97
0218	622.23	FB2 (ppb)	LC-MS/MS	578	558	Y	Y		100%	0.67	507.9	89.97
2033	622.23	FB2 (ppb)	LC-MS/MS	598	756	Y	Y		100%	1.88	507.9	89.97
0913	622.23	FB2 (ppb)	LC-MS/MS	690	670	Y	Y		100%	1.91	507.9	89.97
0913	623.20	FB3 (ppb)	LC	180	100	Y	Y		100%	-2.57	278.7	54.042
0226	623.21	FB3 (ppb)	LC-FI OPA der.	300	600	Y	Y		100%	3.17	278.7	54.042
2033	623.23	FB3 (ppb)	LC-MS/MS	243	296	Y	Y		100%	-0.17	278.7	54.042
0913	623.23	FB3 (ppb)	LC-MS/MS	320	290	Y	Y		100%	0.49	278.7	54.042
0553	623.23	FB3 (ppb)	LC-MS/MS	404.1	396.9	Y	Y		100%	2.25	278.7	54.042
0529	630.01	Ochratoxin A (ppb)	Neogen Veratox Ochratoxin	37.8	38.2	Y	Y		100%	-3.68	166.2	34.821
0227	630.01	Ochratoxin A (ppb)	Neogen Veratox Ochratoxin	189	237	Y	Y		100%	1.35	166.2	34.821
0003	630.01	Ochratoxin A (ppb)	Neogen Veratox Ochratoxin			N	N	2	100.00%	NoZ	166.2	34.821
2066	630.05	Ochratoxin A (ppb)	r-Biopharm Ridascreen FAST Och	126.5	134.2	Y	Y		100%	-1.03	166.2	34.821
0407	630.05	Ochratoxin A (ppb)	r-Biopharm Ridascreen FAST Och	131.7	133.7	Y	Y		100%	-0.96	166.2	34.821

Lab #	Code	Analyte	Method	Result 1	Result 2	Detect ?		LOD	Probability of Detection	Z Score	Assigned Value	Horwitz
						D1	D2					
0613	630.06	Ochratoxin A (ppb)	Vicam OchraTest	79.7	73.9	Y	Y		100%	-2.57	166.2	34.821
0870	630.06	Ochratoxin A (ppb)	Vicam OchraTest	180	160	Y	Y		100%	0.11	166.2	34.821
0728	630.20	Ochratoxin A (ppb)	LC	34.57	36.17	Y	Y		100%	-3.76	166.2	34.821
0596	630.20	Ochratoxin A (ppb)	LC	67.05	56.06	Y	Y		100%	-3.00	166.2	34.821
2066	630.20	Ochratoxin A (ppb)	LC	160.5	159.6	Y	Y		100%	-0.18	166.2	34.821
2023	630.20	Ochratoxin A (ppb)	LC	182	149	Y	Y		100%	-0.02	166.2	34.821
0913	630.20	Ochratoxin A (ppb)	LC	229.4	208.8	Y	Y		100%	1.52	166.2	34.821
0098	630.20	Ochratoxin A (ppb)	LC	260	253	Y	Y		100%	2.59	166.2	34.821
0226	630.21	Ochratoxin A (ppb)	LC-PCD FI	223.9	249.7	Y	Y		100%	2.03	166.2	34.821
0613	630.23	Ochratoxin A (ppb)	LC-MS/MS	79.7	73.9	Y	Y		100%	-2.57	166.2	34.821
0218	630.23	Ochratoxin A (ppb)	LC-MS/MS	175	179	Y	Y		100%	0.31	166.2	34.821
0619	630.23	Ochratoxin A (ppb)	LC-MS/MS	201.1	177	Y	Y		100%	0.66	166.2	34.821
0918	630.23	Ochratoxin A (ppb)	LC-MS/MS	203	201	Y	Y		100%	1.03	166.2	34.821
2033	630.23	Ochratoxin A (ppb)	LC-MS/MS	186	235	Y	Y		100%	1.27	166.2	34.821
0553	630.23	Ochratoxin A (ppb)	LC-MS/MS	223.2	218	Y	Y		100%	1.56	166.2	34.821
0913	630.23	Ochratoxin A (ppb)	LC-MS/MS	258.5	265.2	Y	Y		100%	2.75	166.2	34.821
0683	640.03	T-2 (ppb)	Romer AgraQuant T-2	340.1	337.6	Y	Y		100%	3.87	188.6	38.78
0202	640.05	T-2 (ppb)	r-Biopharm Ridascreen FAST T-2	100	101	Y	Y		100%	-2.27	188.6	38.78
0407	640.05	T-2 (ppb)	r-Biopharm Ridascreen FAST T-2	157.8	165.9	Y	Y		100%	-0.69	188.6	38.78
0728	640.20	T-2 (ppb)	LC	285	259	Y	Y		100%	2.15	188.6	38.78
0596	640.20	T-2 (ppb)	LC	523.3	523.3	Y	Y		100%	8.63	188.6	38.78
2033	640.23	T-2 (ppb)	LC-MS/MS	122	109	Y	Y		100%	-1.89	188.6	38.78
0918	640.23	T-2 (ppb)	LC-MS/MS	157	123	Y	Y		100%	-1.25	188.6	38.78
0619	640.23	T-2 (ppb)	LC-MS/MS	154.5	151.8	Y	Y		100%	-0.91	188.6	38.78
0218	640.23	T-2 (ppb)	LC-MS/MS	190	187	Y	Y		100%	0.00	188.6	38.78
0913	640.23	T-2 (ppb)	LC-MS/MS	203.1	199.6	Y	Y		100%	0.33	188.6	38.78
0553	640.23	T-2 (ppb)	LC-MS/MS	191.3	219.2	Y	Y		100%	0.43	188.6	38.78
0913	640.24	T-2 (ppb)	GC-ECD	176.4	188.1	Y	Y		100%	-0.16	188.6	38.78
0619	641.23	HT-2* (ppb)	LC-MS/MS	230	175.7	Y	Y		100%	0.44	186.1	38.342
0913	641.23	HT-2* (ppb)	LC-MS/MS	210.3	202.1	Y	Y		100%	0.52	186.1	38.342
0913	641.24	HT-2* (ppb)	GC-ECD	182	207.2	Y	Y		100%	0.22	186.1	38.342
0596	642.02	T-2 + HT-2 (ppb)	LC	670.9	670.9	Y	Y		100%	3.08	430	78.109
0613	642.21	T-2 + HT-2 (ppb)	Neogen Veratox T-2 + HT-2	211.5	183	Y	Y		100%	-2.98	430	78.109
0529	642.21	T-2 + HT-2 (ppb)	Neogen Veratox T-2 + HT-2	301.6	250.9	Y	Y		100%	-1.97	430	78.109
2113	642.21	T-2 + HT-2 (ppb)	Neogen Veratox T-2 + HT-2	490	440	Y	Y		100%	0.45	430	78.109
0870	642.98	T-2 + HT-2 (ppb)	Other Rapid Test Kit	566	515.6	Y	Y		100%	1.42	430	78.109
2113	650.01	Zearalenone (ppb)	Neogen Veratox Zearalenone	230	230	Y	Y		100%	-2.01	367.4	68.339
0227	650.01	Zearalenone (ppb)	Neogen Veratox Zearalenone	259	225	Y	Y		100%	-1.84	367.4	68.339
0027	650.01	Zearalenone (ppb)	Neogen Veratox Zearalenone	293.7	320.2	Y	Y		100%	-0.89	367.4	68.339
0870	650.01	Zearalenone (ppb)	Neogen Veratox Zearalenone	350.7	309.2	Y	Y		100%	-0.55	367.4	68.339
0003	650.01	Zearalenone (ppb)	Neogen Veratox Zearalenone	342	342	Y	Y		100%	-0.37	367.4	68.339
0529	650.01	Zearalenone (ppb)	Neogen Veratox Zearalenone	331.4	383.7	Y	Y		100%	-0.14	367.4	68.339
0683	650.04	Zearalenone (ppb)	Romer AgraQuant ZON	1,395	1,351	Y	Y		100%	14.71	367.4	68.339
0202	650.06	Zearalenone (ppb)	r-Biopharm Ridascreen FAST ZON	152.2	151.2	Y	Y		100%	-3.16	367.4	68.339
2066	650.06	Zearalenone (ppb)	r-Biopharm Ridascreen FAST ZON	315	342	Y	Y		100%	-0.57	367.4	68.339

Lab #	Code	Analyte	Method	Result 1	Result 2	Detect ?		LOD	Probability of Detection	Z Score	Assigned Value	Horwitz
						D1	D2					
0009	650.06	Zearalenone (ppb)	r-Biopharm Ridascreen FAST ZOI	433.6	383.5	Y	Y		100%	0.60	367.4	68.339
0407	650.07	Zearalenone (ppb)	r-Biopharm Ridascreen FAST ZOI	489.5	470.8	Y	Y		100%	1.65	367.4	68.339
0098	650.20	Zearalenone (ppb)	LC	280	320	Y	Y		100%	-0.99	367.4	68.339
0596	650.20	Zearalenone (ppb)	LC	366.7	289.2	Y	Y		100%	-0.58	367.4	68.339
0913	650.20	Zearalenone (ppb)	LC	349.8	403.3	Y	Y		100%	0.13	367.4	68.339
0646	650.20	Zearalenone (ppb)	LC	396.9	395.4	Y	Y		100%	0.42	367.4	68.339
0728	650.20	Zearalenone (ppb)	LC	385.3	407.5	Y	Y		100%	0.42	367.4	68.339
2023	650.20	Zearalenone (ppb)	LC	615	593	Y	Y		100%	3.46	367.4	68.339
0226	650.21	Zearalenone (ppb)	LC-FI, ISO	400	500	Y	Y		100%	1.21	367.4	68.339
0613	650.24	Zearalenone (ppb)	LC-MS/MS	297.7	281.2	Y	Y		100%	-1.14	367.4	68.339
2033	650.24	Zearalenone (ppb)	LC-MS/MS	347	334	Y	Y		100%	-0.39	367.4	68.339
0619	650.24	Zearalenone (ppb)	LC-MS/MS	374.2	335	Y	Y		100%	-0.19	367.4	68.339
0918	650.24	Zearalenone (ppb)	LC-MS/MS	397	393	Y	Y		100%	0.40	367.4	68.339
0913	650.24	Zearalenone (ppb)	LC-MS/MS	409.1	392.1	Y	Y		100%	0.49	367.4	68.339
0218	650.24	Zearalenone (ppb)	LC-MS/MS	463	502	Y	Y		100%	1.68	367.4	68.339
0553	650.24	Zearalenone (ppb)	LC-MS/MS	868.5	809.5	Y	Y		100%	6.90	367.4	68.339

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