



**AAFCO**  
Association of American Feed Control Officials



**Mycotoxin Contaminants Scheme  
Sheep Feed**

**# Labs Reporting: 64  
# Methods Reported 90  
Issue Date : 08/31/2023**

**Test Material Code # 202363**

**Method Proficiency Testing Report**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Rev.Horwitz	Rob. R-bar	# Labs			
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (ppb)	0876	2.200	0.0000	4.374	1.548	0.6159	9	-1.40	25%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (ppb)	0511	2.700	0.4000	4.374	1.548	0.6159	9	-1.08	19%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (ppb)	2096	3.350	0.3000	4.374	1.548	0.6159	9	-0.66	12%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (ppb)	0027	3.590	0.7600	4.374	1.548	0.6159	9	-0.51	9%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (ppb)	0529	3.650	0.1000	4.374	1.548	0.6159	9	-0.47	8%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (ppb)	0034	4.925	0.7500	4.374	1.548	0.6159	9	0.36	6%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (ppb)	0554	5.150	0.3000	4.374	1.548	0.6159	9	0.50	9%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (ppb)	0227	6.500	1.000	4.374	1.548	0.6159	9	1.37	24%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (ppb)	0014	8.050	5.700	4.374	1.548	0.6159	9	2.38	42%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (ppb)	2113	< 5		4.374	1.548	0.6159	9			5
600.08	Total Aflatoxin, Romer AgraQuant Total Afl 4-4l	0354	5.220	0.1200				2			0
600.08	Total Aflatoxin, Romer AgraQuant Total Afl 4-4l	2022	8.110	0.1800				2			0
600.10	Total Aflatoxin, TLC (ppb)	2387	2.200	0.4000				1			0
600.12	Total Aflatoxin, r-Biopharm Ridascreen FAST A	0656	3.920	0.0000				3			0
600.12	Total Aflatoxin, r-Biopharm Ridascreen FAST A	0590	4.945	0.7500				3			0
600.12	Total Aflatoxin, r-Biopharm Ridascreen FAST A	2226	5.142	0.0930				3			0
600.13	Total Aflatoxin, r-Biopharm Ridascreen FAST A	0066	4.460	0.2800				2			0
600.13	Total Aflatoxin, r-Biopharm Ridascreen FAST A	0407	6.090	1.140				2			0
600.14	Total Aflatoxin, Vicam Aflatest (ppb)	2268	1.025	0.1500	4.028	1.428	0.3421	6	-2.10	37%	0
600.14	Total Aflatoxin, Vicam Aflatest (ppb)	2345	1.800	0.4000	4.028	1.428	0.3421	6	-1.56	28%	0
600.14	Total Aflatoxin, Vicam Aflatest (ppb)	2369	2.470	0.2800	4.028	1.428	0.3421	6	-1.09	19%	0
600.14	Total Aflatoxin, Vicam Aflatest (ppb)	0004	3.000	0.2000	4.028	1.428	0.3421	6	-0.72	13%	0
600.14	Total Aflatoxin, Vicam Aflatest (ppb)	0354	6.280	0.3800	4.028	1.428	0.3421	6	1.58	28%	0
600.14	Total Aflatoxin, Vicam Aflatest (ppb)	2199	22.75	2.500	4.028	1.428	0.3421	6	13.11	232%	0
600.20	Total Aflatoxin, LC (ppb)	2322	2.060	0.3600	3.417	1.217	0.2938	8	-1.12	20%	0
600.20	Total Aflatoxin, LC (ppb)	0006	2.300	0.3200	3.417	1.217	0.2938	8	-0.92	16%	0
600.20	Total Aflatoxin, LC (ppb)	0010	2.350	0.3000	3.417	1.217	0.2938	8	-0.88	16%	0
600.20	Total Aflatoxin, LC (ppb)	2369	2.470	0.2800	3.417	1.217	0.2938	8	-0.78	14%	0
600.20	Total Aflatoxin, LC (ppb)	0001	2.890	0.1600	3.417	1.217	0.2938	8	-0.43	8%	0
600.20	Total Aflatoxin, LC (ppb)	0629	3.860	0.1200	3.417	1.217	0.2938	8	0.36	6%	0
600.20	Total Aflatoxin, LC (ppb)	0674	5.400	0.0000	3.417	1.217	0.2938	8	1.63	29%	0
600.20	Total Aflatoxin, LC (ppb)	0042	24.37	1.360	3.417	1.217	0.2938	8	17.21	307%	0
600.20	Total Aflatoxin, LC (ppb)	0563	< 5		3.417	1.217	0.2938	8			5

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Rev.Horwitz	Rob. R-bar	# Labs			
600.21	Total Aflatoxin, LC-PCD FI (ppb)	0354	6.280	0.3800				1			0
600.22	Total Aflatoxin, Vicam Aflatest, LC-FI (ppb)	2325	1.380	0.0200				3			0
600.22	Total Aflatoxin, Vicam Aflatest, LC-FI (ppb)	0098	4.085	0.8900				3			0
600.22	Total Aflatoxin, Vicam Aflatest, LC-FI (ppb)	0354	6.280	0.3800				3			0
600.23	Total Aflatoxin, LC-MS (ppb)	2326	< 0.5					0			5
600.24	Total Aflatoxin, LC-MS/MS (ppb)	0682	2.300	0.0000	3.076	1.099	0.6044	7	-0.71	13%	0
600.24	Total Aflatoxin, LC-MS/MS (ppb)	0353	2.350	0.0920	3.076	1.099	0.6044	7	-0.66	12%	0
600.24	Total Aflatoxin, LC-MS/MS (ppb)	2443	2.560	0.0000	3.076	1.099	0.6044	7	-0.47	8%	0
600.24	Total Aflatoxin, LC-MS/MS (ppb)	0619	2.825	0.7300	3.076	1.099	0.6044	7	-0.23	4%	0
600.24	Total Aflatoxin, LC-MS/MS (ppb)	0297	3.550	0.7000	3.076	1.099	0.6044	7	0.43	8%	0
600.24	Total Aflatoxin, LC-MS/MS (ppb)	0148	3.600	1.200	3.076	1.099	0.6044	7	0.48	9%	0
600.24	Total Aflatoxin, LC-MS/MS (ppb)	2129	4.350	0.3000	3.076	1.099	0.6044	7	1.16	21%	0
600.24	Total Aflatoxin, LC-MS/MS (ppb)	2033	< 10		3.076	1.099	0.6044	7			5
600.98	Total Aflatoxin, Other Rapid Test Kit (ppb)	2269	2.650	0.1000				2			0
600.98	Total Aflatoxin, Other Rapid Test Kit (ppb)	0596	6.200	0.4000				2			0
600.99	Total Aflatoxin, Miscellaneous (ppb)	2456	2.297	0.9880				2			0
600.99	Total Aflatoxin, Miscellaneous (ppb)	2302	4.500	1.000				2			0
601.16	Aflatoxin B1, RANDOX Biochip Array (ppb)	0689	1.700	0.2000				2			0
601.16	Aflatoxin B1, RANDOX Biochip Array (ppb)	0505	4.805	0.3300				2			0
601.20	Aflatoxin B1, LC (ppb)	0723	1.850	0.0000	2.759	0.9883	0.2450	9	-0.92	16%	0
601.20	Aflatoxin B1, LC (ppb)	2322	2.060	0.3600	2.759	0.9883	0.2450	9	-0.71	13%	0
601.20	Aflatoxin B1, LC (ppb)	0010	2.150	0.3000	2.759	0.9883	0.2450	9	-0.62	11%	0
601.20	Aflatoxin B1, LC (ppb)	0006	2.180	0.2800	2.759	0.9883	0.2450	9	-0.59	10%	0
601.20	Aflatoxin B1, LC (ppb)	2369	2.265	0.2300	2.759	0.9883	0.2450	9	-0.50	9%	0
601.20	Aflatoxin B1, LC (ppb)	2192	2.990	0.1800	2.759	0.9883	0.2450	9	0.23	4%	0
601.20	Aflatoxin B1, LC (ppb)	0675	3.535	0.2900	2.759	0.9883	0.2450	9	0.79	14%	0
601.20	Aflatoxin B1, LC (ppb)	0629	3.605	0.1300	2.759	0.9883	0.2450	9	0.86	15%	0
601.20	Aflatoxin B1, LC (ppb)	0354	5.925	0.1900	2.759	0.9883	0.2450	9	3.20	57%	0
601.20	Aflatoxin B1, LC (ppb)	0563	< 5		2.759	0.9883	0.2450	9			5
601.23	Aflatoxin B1, LC-MS/MS (ppb)	2113	1.700	0.2000	2.682	0.9617	0.4928	11	-1.02	18%	0
601.23	Aflatoxin B1, LC-MS/MS (ppb)	2327	1.960	0.6200	2.682	0.9617	0.4928	11	-0.75	13%	0
601.23	Aflatoxin B1, LC-MS/MS (ppb)	0964	2.000	0.0000	2.682	0.9617	0.4928	11	-0.71	13%	0
601.23	Aflatoxin B1, LC-MS/MS (ppb)	0353	2.259	0.0580	2.682	0.9617	0.4928	11	-0.44	8%	0
601.23	Aflatoxin B1, LC-MS/MS (ppb)	0682	2.300	0.0000	2.682	0.9617	0.4928	11	-0.40	7%	0
601.23	Aflatoxin B1, LC-MS/MS (ppb)	2443	2.560	0.0000	2.682	0.9617	0.4928	11	-0.13	2%	0
601.23	Aflatoxin B1, LC-MS/MS (ppb)	0009	2.807	0.2250	2.682	0.9617	0.4928	11	0.13	2%	0
601.23	Aflatoxin B1, LC-MS/MS (ppb)	0619	2.825	0.7300	2.682	0.9617	0.4928	11	0.15	3%	0
601.23	Aflatoxin B1, LC-MS/MS (ppb)	0297	3.550	0.7000	2.682	0.9617	0.4928	11	0.90	16%	0
601.23	Aflatoxin B1, LC-MS/MS (ppb)	0148	3.600	1.200	2.682	0.9617	0.4928	11	0.95	17%	0
601.23	Aflatoxin B1, LC-MS/MS (ppb)	0028	4.435	0.3300	2.682	0.9617	0.4928	11	1.82	33%	0
601.23	Aflatoxin B1, LC-MS/MS (ppb)	2326	< 0.5		2.682	0.9617	0.4928	11			5
601.23	Aflatoxin B1, LC-MS/MS (ppb)	0242	< 1		2.682	0.9617	0.4928	11			5

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Rev.Horwitz	Rob. R-bar	# Labs			
601.23	Aflatoxin B1, LC-MS/MS (ppb)	0870	< 2		2.682	0.9617	0.4928	11			5
601.23	Aflatoxin B1, LC-MS/MS (ppb)	0572	< 10		2.682	0.9617	0.4928	11			5
601.23	Aflatoxin B1, LC-MS/MS (ppb)	2033	< 10		2.682	0.9617	0.4928	11			5
601.23	Aflatoxin B1, LC-MS/MS (ppb)	2140	< 20		2.682	0.9617	0.4928	11			5
601.24	Aflatoxin B1, Vicam Aflatest, LC-FI (ppb)	2325	1.380	0.0200	3.414	1.216	0.3325	4			0
601.24	Aflatoxin B1, Vicam Aflatest, LC-FI (ppb)	2369	2.265	0.2300	3.414	1.216	0.3325	4			0
601.24	Aflatoxin B1, Vicam Aflatest, LC-FI (ppb)	0098	4.085	0.8900	3.414	1.216	0.3325	4			0
601.24	Aflatoxin B1, Vicam Aflatest, LC-FI (ppb)	0354	5.925	0.1900	3.414	1.216	0.3325	4			0
601.91	Aflatoxin B1, Romer AgraQuant Afl B1 (ppb)	2022	7.435	0.5700				1			0
601.98	Aflatoxin B1, Other Rapid Test Kit (ppb)	2269	4.100	0.2000				1			0
601.99	Aflatoxin B1, Miscellaneous (ppb)	2302	4.000	2.000				1			0
602.20	Aflatoxin B2, LC (ppb)	0006	0.1150	0.0500	0.2414	0.0924	0.0840	7	-1.37	26%	0
602.20	Aflatoxin B2, LC (ppb)	0723	0.1700	0.0000	0.2414	0.0924	0.0840	7	-0.77	15%	0
602.20	Aflatoxin B2, LC (ppb)	0010	0.2000	0.0000	0.2414	0.0924	0.0840	7	-0.45	9%	0
602.20	Aflatoxin B2, LC (ppb)	2369	0.2000	0.0400	0.2414	0.0924	0.0840	7	-0.45	9%	0
602.20	Aflatoxin B2, LC (ppb)	0629	0.2550	0.0100	0.2414	0.0924	0.0840	7	0.15	3%	0
602.20	Aflatoxin B2, LC (ppb)	0354	0.3550	0.1900	0.2414	0.0924	0.0840	7	1.23	24%	0
602.20	Aflatoxin B2, LC (ppb)	0675	0.3950	0.1300	0.2414	0.0924	0.0840	7	1.66	32%	0
602.20	Aflatoxin B2, LC (ppb)	0563	< 5		0.2414	0.0924	0.0840	7			5
602.23	Aflatoxin B2, LC-MS/MS (ppb)	0353	0.1700	0.0080				1			0
602.23	Aflatoxin B2, LC-MS/MS (ppb)	0619	0.0000	0.0000				1			4
602.23	Aflatoxin B2, LC-MS/MS (ppb)	0297	< 0.3					1			5
602.23	Aflatoxin B2, LC-MS/MS (ppb)	0682	< 0.5					1			5
602.23	Aflatoxin B2, LC-MS/MS (ppb)	2326	< 0.5					1			5
602.23	Aflatoxin B2, LC-MS/MS (ppb)	0870	< 0.6					1			5
602.23	Aflatoxin B2, LC-MS/MS (ppb)	0009	< 0.63					1			5
602.23	Aflatoxin B2, LC-MS/MS (ppb)	0242	< 1					1			5
602.23	Aflatoxin B2, LC-MS/MS (ppb)	0964	< 1					1			5
602.23	Aflatoxin B2, LC-MS/MS (ppb)	2113	< 1					1			5
602.23	Aflatoxin B2, LC-MS/MS (ppb)	2327	< 1.2					1			5
602.23	Aflatoxin B2, LC-MS/MS (ppb)	0148	< 2.5					1			5
602.23	Aflatoxin B2, LC-MS/MS (ppb)	2033	< 10					1			5
602.23	Aflatoxin B2, LC-MS/MS (ppb)	2140	< 20					1			5
602.24	Aflatoxin B2, Vicam Aflatest, LC-FI (ppb)	0354	0.3550	0.1900				1			0
602.24	Aflatoxin B2, Vicam Aflatest, LC-FI (ppb)	2325	0.0000	0.0000				1			4
602.24	Aflatoxin B2, Vicam Aflatest, LC-FI (ppb)	0098	< 1					1			5
603.16	Aflatoxin G1, RANDOX Biochip Array (ppb)	0505	1.140	0.0600				1			0
603.20	Aflatoxin G1, LC (ppb)	0723	0.1200	0.0000				1			0
603.20	Aflatoxin G1, LC (ppb)	0675	0.0000	0.0000				1			4
603.20	Aflatoxin G1, LC (ppb)	0006	< 0.05					1			5
603.20	Aflatoxin G1, LC (ppb)	0629	< 0.25					1			5
603.23	Aflatoxin G1, LC-MS/MS (ppb)	0964	1.000	0.0000				1			0

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603.23	Aflatoxin G1, LC-MS/MS (ppb)	0297	0.0000	0.0000				1			4
603.23	Aflatoxin G1, LC-MS/MS (ppb)	0619	0.0000	0.0000				1			4
603.23	Aflatoxin G1, LC-MS/MS (ppb)	0682	< 0.5					1			5
603.23	Aflatoxin G1, LC-MS/MS (ppb)	2326	< 0.5					1			5
603.23	Aflatoxin G1, LC-MS/MS (ppb)	0870	< 0.6					1			5
603.23	Aflatoxin G1, LC-MS/MS (ppb)	0009	< 0.69					1			5
603.23	Aflatoxin G1, LC-MS/MS (ppb)	0242	< 1					1			5
603.23	Aflatoxin G1, LC-MS/MS (ppb)	2327	< 1.1					1			5
603.23	Aflatoxin G1, LC-MS/MS (ppb)	0148	< 2.5					1			5
603.23	Aflatoxin G1, LC-MS/MS (ppb)	2033	< 10					1			5
603.23	Aflatoxin G1, LC-MS/MS (ppb)	2140	< 20					1			5
603.24	Aflatoxin G1, Vicam Aflatest, LC-FI (ppb)	2325	0.0000	0.0000				0			4
603.24	Aflatoxin G1, Vicam Aflatest, LC-FI (ppb)	0098	< 15					0			5
603.99	Aflatoxin G1, Miscellaneous (ppb)	2302	1.500	1.000				1			0
604.20	Aflatoxin G2, LC (ppb)	0723	0.0200	0.0000				1			0
604.20	Aflatoxin G2, LC (ppb)	0675	0.0000	0.0000				1			4
604.20	Aflatoxin G2, LC (ppb)	0006	< 0.05					1			5
604.20	Aflatoxin G2, LC (ppb)	0629	< 0.25					1			5
604.23	Aflatoxin G2, LC-MS/MS (ppb)	0964	1.000	0.0000				1			0
604.23	Aflatoxin G2, LC-MS/MS (ppb)	0297	0.0000	0.0000				1			4
604.23	Aflatoxin G2, LC-MS/MS (ppb)	0619	0.0000	0.0000				1			4
604.23	Aflatoxin G2, LC-MS/MS (ppb)	0682	< 0.5					1			5
604.23	Aflatoxin G2, LC-MS/MS (ppb)	2326	< 0.5					1			5
604.23	Aflatoxin G2, LC-MS/MS (ppb)	0870	< 0.6					1			5
604.23	Aflatoxin G2, LC-MS/MS (ppb)	0009	< 0.69					1			5
604.23	Aflatoxin G2, LC-MS/MS (ppb)	0242	< 1					1			5
604.23	Aflatoxin G2, LC-MS/MS (ppb)	2327	< 1.6					1			5
604.23	Aflatoxin G2, LC-MS/MS (ppb)	0148	< 3					1			5
604.23	Aflatoxin G2, LC-MS/MS (ppb)	2033	< 10					1			5
604.23	Aflatoxin G2, LC-MS/MS (ppb)	2140	< 20					1			5
604.24	Aflatoxin G2, Vicam Aflatest, LC-FI (ppb)	2325	0.0000	0.0000				0			4
604.24	Aflatoxin G2, Vicam Aflatest, LC-FI (ppb)	0098	< 5					0			5
610.01	Deoxynivalenol, Neogen Veratox for DON (ppb)	0554	2,650	0.7000	2,568	764.4	377.1	11	-3.36	50%	0
610.01	Deoxynivalenol, Neogen Veratox for DON (ppb)	0208	2,190	860.0	2,568	764.4	377.1	11	-0.49	7%	0
610.01	Deoxynivalenol, Neogen Veratox for DON (ppb)	0042	2,250	300.0	2,568	764.4	377.1	11	-0.42	6%	0
610.01	Deoxynivalenol, Neogen Veratox for DON (ppb)	0034	2,425	150.0	2,568	764.4	377.1	11	-0.19	3%	0
610.01	Deoxynivalenol, Neogen Veratox for DON (ppb)	0027	2,430	160.0	2,568	764.4	377.1	11	-0.18	3%	0
610.01	Deoxynivalenol, Neogen Veratox for DON (ppb)	2192	2,450	0.0000	2,568	764.4	377.1	11	-0.15	2%	0
610.01	Deoxynivalenol, Neogen Veratox for DON (ppb)	0227	2,600	200.0	2,568	764.4	377.1	11	0.04	1%	0
610.01	Deoxynivalenol, Neogen Veratox for DON (ppb)	0511	2,700	200.0	2,568	764.4	377.1	11	0.17	3%	0
610.01	Deoxynivalenol, Neogen Veratox for DON (ppb)	2113	3,000	400.0	2,568	764.4	377.1	11	0.56	8%	0
610.01	Deoxynivalenol, Neogen Veratox for DON (ppb)	0014	3,100	800.0	2,568	764.4	377.1	11	0.70	10%	0

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610.01	Deoxynivalenol, Neogen Veratox for DON (ppb)	0529	3,250	700.0	2,568	764.4	377.1	11	0.89	13%	0
610.05	Deoxynivalenol, Romer AgraQuant DON (ppb)	0354	2,759	48.48				2			0
610.05	Deoxynivalenol, Romer AgraQuant DON (ppb)	2022	3,300	200.0				2			0
610.07	Deoxynivalenol, r-Biopharm Ridascreen FAST I	0407	2,057	0.0890	1,966	589.4	108.0	4			0
610.07	Deoxynivalenol, r-Biopharm Ridascreen FAST I	0590	2,360	180.0	1,966	589.4	108.0	4			0
610.07	Deoxynivalenol, r-Biopharm Ridascreen FAST I	0629	2,512	144.0	1,966	589.4	108.0	4			0
610.07	Deoxynivalenol, r-Biopharm Ridascreen FAST I	0656	2,989	0.0000	1,966	589.4	108.0	4			0
610.08	Deoxynivalenol, r-Biopharm Ridascreen FAST I	0066	2,695	390.0				2			0
610.08	Deoxynivalenol, r-Biopharm Ridascreen FAST I	0035	3,139	70.00				2			0
610.09	Deoxynivalenol, Vicam DON-V (ppb)	2345	1,515	570.0				2			0
610.09	Deoxynivalenol, Vicam DON-V (ppb)	2369	2,060	15.00				2			0
610.16	Deoxynivalenol, RANDOX Biochip Array (ppb)	0689	1,537	52.00				3			0
610.16	Deoxynivalenol, RANDOX Biochip Array (ppb)	0047	1,858	448.3				3			0
610.16	Deoxynivalenol, RANDOX Biochip Array (ppb)	0505	2,977	238.6				3			0
610.20	Deoxynivalenol, LC (ppb)	2369	2,060	15.00				3			0
610.20	Deoxynivalenol, LC (ppb)	0674	2,227	0.0000				3			0
610.20	Deoxynivalenol, LC (ppb)	0098	2,300	0.0000				3			0
610.20	Deoxynivalenol, LC (ppb)	0006	2,424	222.0				3			1
610.22	Deoxynivalenol, LC-MS (ppb)	2268	280.5	7.000				1			0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	0028	1,417	353.6	2,008	601.8	196.3	19	-0.98	15%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	0619	1,522	244.0	2,008	601.8	196.3	19	-0.81	12%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	0964	1,588	323.0	2,008	601.8	196.3	19	-0.70	10%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	0572	1,600	200.0	2,008	601.8	196.3	19	-0.68	10%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	2129	1,690	110.0	2,008	601.8	196.3	19	-0.53	8%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	2055	1,745	31.00	2,008	601.8	196.3	19	-0.44	7%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	2326	1,838	19.00	2,008	601.8	196.3	19	-0.28	4%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	0353	1,881	1.000	2,008	601.8	196.3	19	-0.21	3%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	2033	1,984	24.00	2,008	601.8	196.3	19	-0.04	1%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	0148	2,018	200.7	2,008	601.8	196.3	19	0.02	0%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	0682	2,050	0.0000	2,008	601.8	196.3	19	0.07	1%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	2140	2,124	164.0	2,008	601.8	196.3	19	0.19	3%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	0010	2,141	68.00	2,008	601.8	196.3	19	0.22	3%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	0242	2,206	652.0	2,008	601.8	196.3	19	0.33	5%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	2327	2,357	38.00	2,008	601.8	196.3	19	0.58	9%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	0870	2,440	40.00	2,008	601.8	196.3	19	0.72	11%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	0009	2,470	416.3	2,008	601.8	196.3	19	0.77	11%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	2113	2,500	600.0	2,008	601.8	196.3	19	0.82	12%	0
610.23	Deoxynivalenol, LC-MS/MS (ppb)	0297	2,590	340.0	2,008	601.8	196.3	19	0.97	14%	0
610.98	Deoxynivalenol, Other Rapid Test Kit (ppb)	0596	3,000	0.0000				2			0
610.98	Deoxynivalenol, Other Rapid Test Kit (ppb)	2269	2,280	240.1				2			0
610.99	Deoxynivalenol, Miscellaneous (ppb)	2456	1,744	204.8				3			0
610.99	Deoxynivalenol, Miscellaneous (ppb)	2302	2,193	321.0				3			0

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			Value	Range	Rob. Mean	Rev.Horwitz	Rob. R-bar	# Labs			
610.99	Deoxynivalenol, Miscellaneous (ppb)	0870	2,434	24.90				3			0
620.01	Total Fumonisin, Neogen Veratox Fumonisin (p	0554	2.700	1.200	2,024	606.3	224.2	6	-3.33	50%	0
620.01	Total Fumonisin, Neogen Veratox Fumonisin (p	0227	2,000	0.0000	2,024	606.3	224.2	6	-0.04	1%	0
620.01	Total Fumonisin, Neogen Veratox Fumonisin (p	0511	2,000	200.0	2,024	606.3	224.2	6	-0.04	1%	0
620.01	Total Fumonisin, Neogen Veratox Fumonisin (p	0042	2,050	300.0	2,024	606.3	224.2	6	0.04	1%	0
620.01	Total Fumonisin, Neogen Veratox Fumonisin (p	0014	2,130	420.0	2,024	606.3	224.2	6	0.18	3%	0
620.01	Total Fumonisin, Neogen Veratox Fumonisin (p	2113	2,400	200.0	2,024	606.3	224.2	6	0.62	9%	0
620.02	Total Fumonisin, Neogen Veratox Fumonisin 5/	0529	2,350	500.0				1			0
620.07	Total Fumonisin, Romer AgraQuant Total Fumc	0674	1,740	0.0000				2			0
620.07	Total Fumonisin, Romer AgraQuant Total Fumc	2022	5,775	190.0				2			0
620.09	Total Fumonisin, r-Biopharm Ridascreen FAST	0656	1,232	0.0000	2,036	609.7	61.00	5			0
620.09	Total Fumonisin, r-Biopharm Ridascreen FAST	0407	1,953	75.00	2,036	609.7	61.00	5			0
620.09	Total Fumonisin, r-Biopharm Ridascreen FAST	0035	2,030	80.00	2,036	609.7	61.00	5			0
620.09	Total Fumonisin, r-Biopharm Ridascreen FAST	2226	2,388	39.00	2,036	609.7	61.00	5			0
620.09	Total Fumonisin, r-Biopharm Ridascreen FAST	0066	2,575	50.00	2,036	609.7	61.00	5			0
620.11	Total Fumonisin, Vicam Fumonitest (ppb)	2268	1.650	0.3000				3			0
620.11	Total Fumonisin, Vicam Fumonitest (ppb)	0098	1.700	0.2000				3			0
620.11	Total Fumonisin, Vicam Fumonitest (ppb)	2369	1,439	14.00				3			0
620.16	Total Fumonisin, RANDOX Biochip Array (ppb)	0505	384.3	6.170				1			0
620.16	Total Fumonisin, RANDOX Biochip Array (ppb)	0689	< 200					1			5
620.22	Total Fumonisin, LC-MS (ppb)	0027	2,396	342.0				1			0
620.23	Total Fumonisin, LC-MS/MS (ppb)	2443	1,379	0.0000	2,002	600.1	113.4	7	-1.04	16%	0
620.23	Total Fumonisin, LC-MS/MS (ppb)	0619	1,622	227.0	2,002	600.1	113.4	7	-0.63	10%	0
620.23	Total Fumonisin, LC-MS/MS (ppb)	0682	1,920	0.0000	2,002	600.1	113.4	7	-0.14	2%	0
620.23	Total Fumonisin, LC-MS/MS (ppb)	0010	1,935	10.00	2,002	600.1	113.4	7	-0.11	2%	0
620.23	Total Fumonisin, LC-MS/MS (ppb)	2129	2,066	204.0	2,002	600.1	113.4	7	0.11	2%	0
620.23	Total Fumonisin, LC-MS/MS (ppb)	0353	2,461	30.00	2,002	600.1	113.4	7	0.76	11%	0
620.23	Total Fumonisin, LC-MS/MS (ppb)	2033	2,634	96.00	2,002	600.1	113.4	7	1.05	16%	0
620.98	Total Fumonisin, Other Rapid Test Kit (ppb)	0596	2.200	0.2000				2			0
620.98	Total Fumonisin, Other Rapid Test Kit (ppb)	0208	2,650	100.0				2			0
620.99	Total Fumonisin, Miscellaneous (ppb)	2302	542.5	327.0				2			0
620.99	Total Fumonisin, Miscellaneous (ppb)	2456	1,916	39.19				2			0
621.21	Fumonsin B1, LC-FI OPA der. (ppb)	2369	1,242	12.00				2			0
621.21	Fumonsin B1, LC-FI OPA der. (ppb)	0098	1,400	200.0				2			0
621.22	Fumonsin B1, LC-MS (ppb)	0027	2,022	89.00				1			0
621.23	Fumonsin B1, LC-MS/MS (ppb)	2443	1,075	0.0000	1,610	485.3	149.3	14	-1.10	17%	0
621.23	Fumonsin B1, LC-MS/MS (ppb)	0964	1,078	553.5	1,610	485.3	149.3	14	-1.10	17%	0
621.23	Fumonsin B1, LC-MS/MS (ppb)	0009	1,247	179.1	1,610	485.3	149.3	14	-0.75	11%	0
621.23	Fumonsin B1, LC-MS/MS (ppb)	0619	1,258	198.0	1,610	485.3	149.3	14	-0.73	11%	0
621.23	Fumonsin B1, LC-MS/MS (ppb)	0010	1,495	50.00	1,610	485.3	149.3	14	-0.24	4%	0
621.23	Fumonsin B1, LC-MS/MS (ppb)	2326	1,646	267.0	1,610	485.3	149.3	14	0.07	1%	0
621.23	Fumonsin B1, LC-MS/MS (ppb)	0148	1,652	65.55	1,610	485.3	149.3	14	0.09	1%	0

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			Value	Range	Rob. Mean	Rev.Horwitz	Rob. R-bar	# Labs	Z Score	%RSD	
621.23	Fumonsin B1, LC-MS/MS (ppb)	0682	1,670	0.0000	1,610	485.3	149.3	14	0.12	2%	0
621.23	Fumonsin B1, LC-MS/MS (ppb)	2140	1,753	390.0	1,610	485.3	149.3	14	0.29	4%	0
621.23	Fumonsin B1, LC-MS/MS (ppb)	0353	1,756	3.000	1,610	485.3	149.3	14	0.30	5%	0
621.23	Fumonsin B1, LC-MS/MS (ppb)	0870	1,780	40.00	1,610	485.3	149.3	14	0.35	5%	0
621.23	Fumonsin B1, LC-MS/MS (ppb)	2033	1,925	70.00	1,610	485.3	149.3	14	0.65	10%	0
621.23	Fumonsin B1, LC-MS/MS (ppb)	2055	2,052	72.00	1,610	485.3	149.3	14	0.91	14%	0
621.23	Fumonsin B1, LC-MS/MS (ppb)	2327	2,155	127.0	1,610	485.3	149.3	14	1.12	17%	0
621.23	Fumonsin B1, LC-MS/MS (ppb)	0572	< 500		1,610	485.3	149.3	14			5
622.21	Fumonisin B2, LC-FI OPA der. (ppb)	2369	197.5	3.000				2			0
622.21	Fumonisin B2, LC-FI OPA der. (ppb)	0098	300.0	0.0000				2			0
622.22	Fumonisin B2, LC-MS (ppb)	0027	374.5	253.0				1			0
622.23	Fumonisin B2, LC-MS/MS (ppb)	0682	250.0	0.0000	436.7	136.4	32.66	14	-1.37	21%	0
622.23	Fumonisin B2, LC-MS/MS (ppb)	2443	303.9	0.0000	436.7	136.4	32.66	14	-0.97	15%	0
622.23	Fumonisin B2, LC-MS/MS (ppb)	0010	310.0	20.00	436.7	136.4	32.66	14	-0.93	15%	0
622.23	Fumonisin B2, LC-MS/MS (ppb)	2326	349.0	64.00	436.7	136.4	32.66	14	-0.64	10%	0
622.23	Fumonisin B2, LC-MS/MS (ppb)	0619	363.5	29.00	436.7	136.4	32.66	14	-0.54	8%	0
622.23	Fumonisin B2, LC-MS/MS (ppb)	2140	388.0	30.00	436.7	136.4	32.66	14	-0.36	6%	0
622.23	Fumonisin B2, LC-MS/MS (ppb)	0870	430.0	20.00	436.7	136.4	32.66	14	-0.05	1%	0
622.23	Fumonisin B2, LC-MS/MS (ppb)	0964	489.3	85.50	436.7	136.4	32.66	14	0.39	6%	0
622.23	Fumonisin B2, LC-MS/MS (ppb)	2327	515.5	17.00	436.7	136.4	32.66	14	0.58	9%	0
622.23	Fumonisin B2, LC-MS/MS (ppb)	0009	524.8	28.90	436.7	136.4	32.66	14	0.65	10%	0
622.23	Fumonisin B2, LC-MS/MS (ppb)	0353	540.5	13.00	436.7	136.4	32.66	14	0.76	12%	0
622.23	Fumonisin B2, LC-MS/MS (ppb)	2055	542.0	234.0	436.7	136.4	32.66	14	0.77	12%	0
622.23	Fumonisin B2, LC-MS/MS (ppb)	2033	546.5	19.00	436.7	136.4	32.66	14	0.81	13%	0
622.23	Fumonisin B2, LC-MS/MS (ppb)	0148	554.4	5.830	436.7	136.4	32.66	14	0.86	13%	0
623.23	Fumonisin B3, LC-MS/MS (ppb)	0010	130.0	40.00	174.8	55.95	31.52	8	-0.80	13%	0
623.23	Fumonisin B3, LC-MS/MS (ppb)	0353	130.5	49.00	174.8	55.95	31.52	8	-0.79	13%	0
623.23	Fumonisin B3, LC-MS/MS (ppb)	2033	162.5	7.000	174.8	55.95	31.52	8	-0.22	4%	0
623.23	Fumonisin B3, LC-MS/MS (ppb)	2326	166.0	28.00	174.8	55.95	31.52	8	-0.16	3%	0
623.23	Fumonisin B3, LC-MS/MS (ppb)	2327	181.0	14.00	174.8	55.95	31.52	8	0.11	2%	0
623.23	Fumonisin B3, LC-MS/MS (ppb)	0009	192.9	19.16	174.8	55.95	31.52	8	0.32	5%	0
623.23	Fumonisin B3, LC-MS/MS (ppb)	0870	200.0	0.0000	174.8	55.95	31.52	8	0.45	7%	0
623.23	Fumonisin B3, LC-MS/MS (ppb)	0964	274.3	63.50	174.8	55.95	31.52	8	1.78	28%	0
630.01	Ochratoxin A, Neogen Veratox Ochratoxin (ppb)	0529	13.70	2.000				1			0
630.01	Ochratoxin A, Neogen Veratox Ochratoxin (ppb)	0227	< 2					1			5
630.03	Ochratoxin A, Romer AgraQuant Ochratoxin (p)	0354	3.400	0.1600				2			0
630.03	Ochratoxin A, Romer AgraQuant Ochratoxin (p)	2022	9.595	0.7100				2			0
630.05	Ochratoxin A, r-Biopharm Ridascreen FAST Oc	2226	2.727	0.4820				3			0
630.05	Ochratoxin A, r-Biopharm Ridascreen FAST Oc	0407	2.950	0.6000				3			0
630.05	Ochratoxin A, r-Biopharm Ridascreen FAST Oc	0066	4.200	0.2000				3			0
630.05	Ochratoxin A, r-Biopharm Ridascreen FAST Oc	0656	25.73	0.0000				3			2
630.06	Ochratoxin A, Vicam OchraTest (ppb)	2369	3.290	0.1200				1			0

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630.06	Ochratoxin A, Vicam OchraTest (ppb)	0354	0.0000	0.0000				1			4
630.16	Ochratoxin A, RANDOX Biochip Array (ppb)	0505	2.875	0.0100				1			0
630.16	Ochratoxin A, RANDOX Biochip Array (ppb)	0689	< 2.5					1			5
630.20	Ochratoxin A, LC (ppb)	0629	2.200	0.1000	3.157	1.127	0.2133	8	-0.85	15%	0
630.20	Ochratoxin A, LC (ppb)	0563	2.500	0.6000	3.157	1.127	0.2133	8	-0.58	10%	0
630.20	Ochratoxin A, LC (ppb)	2325	2.665	0.0100	3.157	1.127	0.2133	8	-0.44	8%	0
630.20	Ochratoxin A, LC (ppb)	0675	2.940	0.0200	3.157	1.127	0.2133	8	-0.19	3%	0
630.20	Ochratoxin A, LC (ppb)	2322	3.155	0.4300	3.157	1.127	0.2133	8	0.00	0%	0
630.20	Ochratoxin A, LC (ppb)	2369	3.290	0.1200	3.157	1.127	0.2133	8	0.12	2%	0
630.20	Ochratoxin A, LC (ppb)	0723	4.040	0.0000	3.157	1.127	0.2133	8	0.78	14%	0
630.20	Ochratoxin A, LC (ppb)	0674	13.64	0.0000	3.157	1.127	0.2133	8	9.30	166%	0
630.20	Ochratoxin A, LC (ppb)	0354	0.0000	0.0000	3.157	1.127	0.2133	8			4
630.20	Ochratoxin A, LC (ppb)	0098	< 10		3.157	1.127	0.2133	8			5
630.23	Ochratoxin A, LC-MS/MS (ppb)	2327	1.525	0.1300	4.016	1.424	0.4830	8	-1.75	31%	0
630.23	Ochratoxin A, LC-MS/MS (ppb)	0870	2.280	0.3600	4.016	1.424	0.4830	8	-1.22	22%	0
630.23	Ochratoxin A, LC-MS/MS (ppb)	0353	2.884	0.4620	4.016	1.424	0.4830	8	-0.79	14%	0
630.23	Ochratoxin A, LC-MS/MS (ppb)	0619	2.895	0.6900	4.016	1.424	0.4830	8	-0.79	14%	0
630.23	Ochratoxin A, LC-MS/MS (ppb)	0682	3.300	0.0000	4.016	1.424	0.4830	8	-0.50	9%	0
630.23	Ochratoxin A, LC-MS/MS (ppb)	0148	5.375	1.190	4.016	1.424	0.4830	8	0.95	17%	0
630.23	Ochratoxin A, LC-MS/MS (ppb)	2129	6.250	0.1000	4.016	1.424	0.4830	8	1.57	28%	0
630.23	Ochratoxin A, LC-MS/MS (ppb)	2443	7.620	0.0000	4.016	1.424	0.4830	8	2.53	45%	0
630.23	Ochratoxin A, LC-MS/MS (ppb)	2326	< 0.5		4.016	1.424	0.4830	8			5
630.23	Ochratoxin A, LC-MS/MS (ppb)	0964	< 1		4.016	1.424	0.4830	8			5
630.23	Ochratoxin A, LC-MS/MS (ppb)	2033	< 5		4.016	1.424	0.4830	8			5
630.23	Ochratoxin A, LC-MS/MS (ppb)	0572	< 20		4.016	1.424	0.4830	8			5
630.23	Ochratoxin A, LC-MS/MS (ppb)	2140	< 20		4.016	1.424	0.4830	8			5
630.98	Ochratoxin A, Other Rapid Test Kit (ppb)	0596	5.800	0.4000				1			0
630.99	Ochratoxin A, Miscellaneous (ppb)	2456	2.679	0.3340				1			0
630.99	Ochratoxin A, Miscellaneous (ppb)	2302	1.000	2.000				1			4
640.03	T-2 Toxin, Romer AgraQuant T-2 (ppb)	0674	106.4	0.0000				2			0
640.03	T-2 Toxin, Romer AgraQuant T-2 (ppb)	0066	156.7	15.63				2			0
640.05	T-2 Toxin, r-Biopharm Ridascreen FAST T-2 (p	0638	74.00	10.00				3			0
640.05	T-2 Toxin, r-Biopharm Ridascreen FAST T-2 (p	0407	142.3	6.095				3			0
640.05	T-2 Toxin, r-Biopharm Ridascreen FAST T-2 (p	0656	429.7	0.0000				3			0
640.23	T-2 Toxin, LC-MS/MS (ppb)	2326	55.50	3.000	100.6	32.69	7.079	14	-1.38	22%	0
640.23	T-2 Toxin, LC-MS/MS (ppb)	2129	56.55	1.100	100.6	32.69	7.079	14	-1.35	22%	0
640.23	T-2 Toxin, LC-MS/MS (ppb)	0297	65.00	16.00	100.6	32.69	7.079	14	-1.09	18%	0
640.23	T-2 Toxin, LC-MS/MS (ppb)	0682	87.70	0.0000	100.6	32.69	7.079	14	-0.39	6%	0
640.23	T-2 Toxin, LC-MS/MS (ppb)	2055	89.25	4.500	100.6	32.69	7.079	14	-0.35	6%	0
640.23	T-2 Toxin, LC-MS/MS (ppb)	0964	92.50	109.0	100.6	32.69	7.079	14	-0.25	4%	0
640.23	T-2 Toxin, LC-MS/MS (ppb)	2033	100.0	0.0000	100.6	32.69	7.079	14	-0.02	0%	0
640.23	T-2 Toxin, LC-MS/MS (ppb)	2140	111.0	4.000	100.6	32.69	7.079	14	0.32	5%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Rev.Horwitz	Rob. R-bar	# Labs	Z Score	%RSD	
640.23	T-2 Toxin, LC-MS/MS (ppb)	0870	116.8	32.46	100.6	32.69	7.079	14	0.49	8%	0
640.23	T-2 Toxin, LC-MS/MS (ppb)	2327	119.5	7.000	100.6	32.69	7.079	14	0.58	9%	0
640.23	T-2 Toxin, LC-MS/MS (ppb)	0619	121.5	1.000	100.6	32.69	7.079	14	0.64	10%	0
640.23	T-2 Toxin, LC-MS/MS (ppb)	0148	122.9	4.430	100.6	32.69	7.079	14	0.68	11%	0
640.23	T-2 Toxin, LC-MS/MS (ppb)	2369	131.1	4.170	100.6	32.69	7.079	14	0.93	15%	0
640.23	T-2 Toxin, LC-MS/MS (ppb)	0353	139.0	4.000	100.6	32.69	7.079	14	1.17	19%	0
640.23	T-2 Toxin, LC-MS/MS (ppb)	0572	< 100		100.6	32.69	7.079	14			5
640.98	T-2 Toxin, Other Rapid Test Kit (ppb)	2269	290.8	37.30				1			0
641.23	HT-2 Toxin, LC-MS/MS (ppb)	2326	83.50	1.000	144.0	46.34	10.91	11	-1.31	21%	0
641.23	HT-2 Toxin, LC-MS/MS (ppb)	0297	109.9	12.80	144.0	46.34	10.91	11	-0.74	12%	0
641.23	HT-2 Toxin, LC-MS/MS (ppb)	2033	133.0	4.000	144.0	46.34	10.91	11	-0.24	4%	0
641.23	HT-2 Toxin, LC-MS/MS (ppb)	0619	134.5	1.000	144.0	46.34	10.91	11	-0.20	3%	0
641.23	HT-2 Toxin, LC-MS/MS (ppb)	2369	135.6	7.460	144.0	46.34	10.91	11	-0.18	3%	0
641.23	HT-2 Toxin, LC-MS/MS (ppb)	2327	138.0	6.000	144.0	46.34	10.91	11	-0.13	2%	0
641.23	HT-2 Toxin, LC-MS/MS (ppb)	0964	140.0	50.00	144.0	46.34	10.91	11	-0.09	1%	0
641.23	HT-2 Toxin, LC-MS/MS (ppb)	2140	161.5	47.00	144.0	46.34	10.91	11	0.38	6%	0
641.23	HT-2 Toxin, LC-MS/MS (ppb)	0148	173.9	0.4800	144.0	46.34	10.91	11	0.65	10%	0
641.23	HT-2 Toxin, LC-MS/MS (ppb)	0870	175.1	9.200	144.0	46.34	10.91	11	0.67	11%	0
641.23	HT-2 Toxin, LC-MS/MS (ppb)	0353	185.0	20.00	144.0	46.34	10.91	11	0.89	14%	0
642.04	T-2 Toxin + HT-2 Toxin, LC-MS (ppb)	0297	175.1	2.590				3			0
642.04	T-2 Toxin + HT-2 Toxin, LC-MS (ppb)	2369	266.7	3.290				3			0
642.04	T-2 Toxin + HT-2 Toxin, LC-MS (ppb)	0353	317.0	2.000				3			0
642.16	T-2 Toxin + HT-2 Toxin, RANDOX Biochip Arra	0689	108.5	5.000				3			0
642.16	T-2 Toxin + HT-2 Toxin, RANDOX Biochip Arra	0047	183.6	34.00				3			0
642.16	T-2 Toxin + HT-2 Toxin, RANDOX Biochip Arra	0505	222.7	29.76				3			0
642.21	T-2 Toxin + HT-2 Toxin, Neogen Veratox T-2 +	2192	265.0	0.0000	335.8	105.6	17.35	4			0
642.21	T-2 Toxin + HT-2 Toxin, Neogen Veratox T-2 +	0227	276.5	19.00	335.8	105.6	17.35	4			0
642.21	T-2 Toxin + HT-2 Toxin, Neogen Veratox T-2 +	0529	356.0	20.00	335.8	105.6	17.35	4			0
642.21	T-2 Toxin + HT-2 Toxin, Neogen Veratox T-2 +	2022	445.6	13.05	335.8	105.6	17.35	4			0
642.98	T-2 Toxin + HT-2 Toxin, Other Rapid Test Kit (r	0590	375.5	101.0				3			0
642.98	T-2 Toxin + HT-2 Toxin, Other Rapid Test Kit (r	0596	394.1	65.20				3			0
642.98	T-2 Toxin + HT-2 Toxin, Other Rapid Test Kit (r	2269	401.2	51.40				3			0
642.99	T-2 Toxin + HT-2 Toxin, Miscellaneous Technic	2302	181.5	7.000				2			0
642.99	T-2 Toxin + HT-2 Toxin, Miscellaneous Technic	0407	269.6	8.020				2			0
650.01	Zearalenone, Neogen Veratox Zearalenone (pp	0870	288.4	4.154	321.5	101.3	16.06	4			0
650.01	Zearalenone, Neogen Veratox Zearalenone (pp	0027	304.4	3.890	321.5	101.3	16.06	4			0
650.01	Zearalenone, Neogen Veratox Zearalenone (pp	2113	310.0	40.00	321.5	101.3	16.06	4			0
650.01	Zearalenone, Neogen Veratox Zearalenone (pp	0529	383.3	16.20	321.5	101.3	16.06	4			0
650.04	Zearalenone, Romer AgraQuant ZON (ppb)	0354	495.4	5.220				2			0
650.04	Zearalenone, Romer AgraQuant ZON (ppb)	2022	784.2	12.76				2			0
650.05	Zearalenone, r-Biopharm Ridascreen Zearaleni	0629	165.5	3.000				1			0
650.06	Zearalenone, r-Biopharm Ridascreen FAST ZC	0656	149.2	0.0000				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Rev.Horwitz	Rob. R-bar	# Labs			
650.06	Zearalenone, r-Biopharm Ridascreen FAST ZC	0590	306.0	80.00				2			0
650.07	Zearalenone, r-Biopharm Ridascreen FAST ZC	0066	263.2	41.29				3			0
650.07	Zearalenone, r-Biopharm Ridascreen FAST ZC	0407	473.1	58.82				3			0
650.07	Zearalenone, r-Biopharm Ridascreen FAST ZC	0035	473.1	12.41				3			0
650.16	Zearalenone, RANDOX Biochip Array (ppb)	0689	269.0	36.00				3			0
650.16	Zearalenone, RANDOX Biochip Array (ppb)	0505	461.1	5.490				3			0
650.16	Zearalenone, RANDOX Biochip Array (ppb)	0047	469.7	5.700				3			0
650.20	Zearalenone, LC (ppb)	0098	285.0	30.00	353.9	111.2	19.51	6	-0.62	10%	0
650.20	Zearalenone, LC (ppb)	0563	306.0	8.000	353.9	111.2	19.51	6	-0.43	7%	0
650.20	Zearalenone, LC (ppb)	0354	315.8	3.890	353.9	111.2	19.51	6	-0.34	5%	0
650.20	Zearalenone, LC (ppb)	2369	362.7	37.64	353.9	111.2	19.51	6	0.08	1%	0
650.20	Zearalenone, LC (ppb)	0674	417.0	0.0000	353.9	111.2	19.51	6	0.57	9%	0
650.20	Zearalenone, LC (ppb)	2192	437.0	18.00	353.9	111.2	19.51	6	0.75	12%	0
650.21	Zearalenone, LC-FI, ISO (ppb)	0354	315.8	3.890				2			0
650.21	Zearalenone, LC-FI, ISO (ppb)	2369	362.7	37.64				2			0
650.23	Zearalenone, LC-MS (ppb)	2326	162.0	10.00				2			0
650.23	Zearalenone, LC-MS (ppb)	0353	392.0	26.00				2			0
650.24	Zearalenone, LC-MS/MS (ppb)	0242	110.5	23.00	321.3	101.2	25.47	14	-2.08	33%	0
650.24	Zearalenone, LC-MS/MS (ppb)	2129	136.0	2.000	321.3	101.2	25.47	14	-1.83	29%	0
650.24	Zearalenone, LC-MS/MS (ppb)	2443	245.2	0.0000	321.3	101.2	25.47	14	-0.75	12%	0
650.24	Zearalenone, LC-MS/MS (ppb)	2113	248.5	49.00	321.3	101.2	25.47	14	-0.72	11%	0
650.24	Zearalenone, LC-MS/MS (ppb)	2033	290.0	0.0000	321.3	101.2	25.47	14	-0.31	5%	0
650.24	Zearalenone, LC-MS/MS (ppb)	0619	307.0	4.000	321.3	101.2	25.47	14	-0.14	2%	0
650.24	Zearalenone, LC-MS/MS (ppb)	0682	331.1	0.0000	321.3	101.2	25.47	14	0.10	2%	0
650.24	Zearalenone, LC-MS/MS (ppb)	0964	348.3	43.50	321.3	101.2	25.47	14	0.27	4%	0
650.24	Zearalenone, LC-MS/MS (ppb)	2055	352.5	45.00	321.3	101.2	25.47	14	0.31	5%	0
650.24	Zearalenone, LC-MS/MS (ppb)	2140	371.0	18.00	321.3	101.2	25.47	14	0.49	8%	0
650.24	Zearalenone, LC-MS/MS (ppb)	0010	371.5	97.00	321.3	101.2	25.47	14	0.50	8%	0
650.24	Zearalenone, LC-MS/MS (ppb)	0148	373.6	25.78	321.3	101.2	25.47	14	0.52	8%	0
650.24	Zearalenone, LC-MS/MS (ppb)	0297	467.5	3.000	321.3	101.2	25.47	14	1.45	23%	0
650.24	Zearalenone, LC-MS/MS (ppb)	2327	482.5	5.000	321.3	101.2	25.47	14	1.59	25%	0
650.24	Zearalenone, LC-MS/MS (ppb)	0572	< 500		321.3	101.2	25.47	14			5
650.98	Zearalenone, Other Rapid Test Kit (ppb)	2269	370.9	10.10				2			0
650.98	Zearalenone, Other Rapid Test Kit (ppb)	0596	766.3	55.40				2			0
650.99	Zearalenone, Miscellaneous (ppb)	2268	140.0	40.00				2			0
650.99	Zearalenone, Miscellaneous (ppb)	2302	369.5	13.00				2			0

**Note 1:** Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or between -2 and -3 (warning) and Green = Z <= 2 and >= -2 (OK at 95%). Horwitz SD's assigned based on Rob Mean only.

**Note 2:** Data Not Used Flags: 1=Rejected for duplicates too far apart, 2=Rejected as extreme outlier, 5=Reporting limit (<), 4=Zeros submitted as values and 3=Statistical problem. Flag 0 indicates data used in calculations.

**Note 3:** \*Robust statistics not used if < 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). A zero range is not included in robust R-bar calculation.