

Table S1. Retention times, electrospray ionisation modes (either positive ES+ or negative ES-), molecular weights (Mw), multiple reaction monitoring values (MRM), cone voltages (Cone), collision energies (Coll) and limits of quantification (LOQ) for mycotoxins determined with UHPLC-MS/MS. Bolded MRMs were used for identification, other as qualifiers. Caffeine was used as an internal standard (IS) for quantification, extraction was controlled (EC) by nandrolone. A huge interference signal was detected from grass silage matrix for all MRMs of patulin. Moniliformin, nivalenol and citrinin were not detectable with this method.

Mycotoxin	Retention time (min)	Ionisation mode	Mw	MRM	Cone (V)	Coll. (eV)	LOQ (µg/kg air-dry)
Caffeine (IS)	4.4	ES+	194	195.0 -> 138.0	10	18	
				195.0 -> 110.0	10	22	
Nandrolone (EC)	7.4	ES+	274	275.3 -> 239.2	30	16	
				275.3 -> 145.1	30	20	
				275.3 -> 109.1	30	24	
Moniliformin	0.8	ES-	98	96.9 -> 40.9	27	10	-
Patulin	3.5	ES+	154	155.0 -> 52.9	15	20	250
				155.0 -> 80.9	15	20	
Nivalenol	3.5	ES+	312	313.7 -> 175.1	14	15	-
				313.7 -> 295.1	14	7	
		ES-		311.2 -> 281.2	26	12	-
Deoxynivalenol	4.0	ES+	296	297.3 -> 249.0	18	12	130
				297.3 -> 231.0	18	14	
				297.3 -> 203.0	18	10	
Fusarenon X	4.7	ES+	354	355.3 -> 229.1	14	16	250
				355.3 -> 247.2	14	13	
				355.3 -> 175.1	14	20	
Penicillic acid	4.9	ES+	170	171.1 -> 125.0	17	12	50
				171.1 -> 153.0	17	7	
15-Acetyldeoxynivalenol	5.4	ES+	338	339.2 -> 137.1	20	12	250
				339.2 -> 261.2	20	12	
3-Acetyldeoxynivalenol	5.5	ES+	338	339.3 -> 231.2	18	10	250
				339.3 -> 203.2	18	16	
				339.3 -> 213.2	14	10	
Aflatoxin G2	6.0	ES+	330	331.3 -> 245.1	44	28	30
				331.3 -> 189.1	44	34	
Aflatoxin G1	6.3	ES+	328	329.0 -> 243.0	40	28	30
				329.0 -> 199.8	40	40	
Aflatoxin B2	6.3	ES+	314	315.2 -> 287.1	40	26	30
				315.2 -> 259.1	40	30	
Fumonisin B1	6.4	ES+	721	722.4 -> 334.3	50	40	13
				722.4 -> 352.3	50	40	
Aflatoxin B1	6.5	ES+	312	313.3 -> 241.2	46	38	30
				313.3 -> 285.0	46	22	
Diacetoxyscirpenol	6.5	ES+	366	367.3 -> 247.2	20	10	250
				367.3 -> 307.3	20	8	
				367.3 -> 105.1	20	26	

Roquefortine C	6.5	ES+	389	390.2 -> 193.0	35	27	10
				390.2 -> 322.2	35	19	
Alternariol	6.6	ES+	258	259.2 -> 185.1	48	32	50
				259.2 -> 128.0	48	44	
Fumonisin B3	6.8	ES+	705	706.3 -> 336.3	50	40	13
				706.3 -> 318.3	50	40	
HT-2-toxin	6.9	ES+	424	425.4 -> 263.2	14	12	250
				425.4 -> 245.2	14	12	
				425.2 -> 215.2	14	12	
				425.2 -> 105.0	14	40	
Citrinin	6.9	ES+	250	251.2 -> 205.2	16	24	-
				251.2 -> 191.0	16	26	
				251.2 -> 147.1	16	26	
				251.2 -> 91.0	16	40	
Fumonisin B2	7.1	ES+	705	706.3 -> 336.3	50	40	13
				706.3 -> 318.3	50	40	
Mycophenolic acid	7.3	ES+	320	321.2 -> 207.1	14	22	30
				321.2 -> 159.0	14	36	
Alternariol monomethyl ether	7.9	ES+		273.1 -> 184.2	40	36	50
				273.1 -> 128.0	40	44	
T-2-toxin	7.9	ES+	466	467.4 -> 305.2	22	8	250
				467.4 -> 245.0	22	6	
				467.4 -> 365.3	22	6	
Zearalenone	8.1	ES-	318	317.2 -> 175.0	42	26	30
				317.2 -> 131.0	42	30	
Ochratoxin A	8.3	ES+	403	404.2 -> 239.1	25	32	10
				404.2 -> 358.2	25	20	
Sterigmatocystin	8.3	ES+	324	325.2 -> 310.1	8	20	30
				325.2 -> 253.2	8	46	
				325.2 -> 141.1	8	54	
				325.2 -> 115.1	8	60	
Cyclopiazonic acid	8.7	ES+	336	337.1 -> 196.0	22	26	25
				337.1 -> 182.0	22	20	
Beauvericin	11.1	ES+	783	784.6 -> 262.2	34	28	5
				784.6 -> 244.2	34	28	
				784.6 -> 134.1	34	66	
				784.6 -> 234.2	34	38	
Enniatin B	11.1	ES+	639	640.5 -> 85.9	64	30	10
				640.5 -> 195.9	64	36	
Enniatin B1	11.5	ES+	653	654.3 -> 195.9	46	24	10
				654.3 -> 99.9	46	54	
Enniatin A1	12.0	ES+	667	668.3 -> 99.9	48	60	10
				668.3 -> 210.0	48	26	
Enniatin A	12.3	ES+	681	682.6 -> 210.3	70	34	10
				682.6 -> 99.9	70	30	