

Table S3. Limit of Detection (LOD) and Limit of Quantification (LOQ) for all mycotoxins detected in wheat, corn, soybean meal and aquafeeds.

Mycotoxin	LOD	LOQ
	(µg/kg)	(µg/kg)
Aflatoxin B ₁ (AFB ₁)	0.13	0.43
Aflatoxin B ₂ (AFB ₂)	0.54	1.80
Aflatoxin G ₁ (AFG ₁)	0.15	0.48
Aflatoxin G ₂ (AFG ₂)	0.15	0.49
Ochratoxin A (OTA)	2.08	6.90
Ochratoxin B	2.22	7.32
Citrinin	0.31	1.02
Deoxynivalenol (DON)	4.35	14.35
3-acetyl-deoxynivalenol (3-AcDON)	2.30	7.55
15-acetyl-deoxynivalenol (15-AcDON)	1.80	5.92
DON-3-Glucoside (DON3Glc)	10.98	36.21
Nivalenol (NIV)	49.92	164.73
Fusarenon X (FX)	2.51	8.30
Beauvericin (BEA)	0.47	1.55
Moniliformin (MON)	1.59	5.23
Fusaric acid (FA)	2.38	7.84
T-2 toxin	0.75	2.48
HT-2 toxin	3.84	12.67
Diacetoxyscirpenol (DAS)	1.52	5.02
Neosolaniol (NEO)	1.82	6.02

Fumonisin B ₁ (FB ₁)	20.63	68.09
Fumonisin B ₂ (FB ₂)	1.82	6.01
Fumonisin B ₃ (FB ₃)	5.00	16.49
Zearalenone (ZEN)	2.57	8.48
Zearalanone	3.46	11.42
Patulin	16.84	55.56
Mycophenolic acid	1.02	3.37
Roquefortine C	1.78	5.86
Penicillic acid	7.43	24.51
Citreoviridin	2.57	8.48
Wortmannin	0.77	2.55
Gliotoxin	5.66	18.69
Sterigmatocystin	0.19	0.61
Cyclopiazonic acid	0.99	3.27
Verruculogen	0.34	1.10
Ergometrin(in)e	0.58	1.91
Ergotamin(in)e	0.51	1.67
Ergocristin(in)e	2.94	9.71
Ergosin(in)e	1.16	3.84
Ergocryptin(in)e	0.81	2.67
Lysergol	0.46	1.52
Methylergonovine	0.05	0.16
Alternariol	1.39	4.60
