

07/2008

Effective Date: 21.July 2008



Mycotoxin calibrant solutions

Component	Conc. (µg/mL)	Solvent	Unit of Issue	Cat. No.
15-Acetyl-Deoxynivalenol (15-AcDON)	100	acetonitrile	5 mL	002014
15-Acetyl-Deoxynivalenol (15-AcDON)	100	acetonitrile	1 mL	S02014
3-Acetyl-Deoxynivalenol (3-AcDON)	100	acetonitrile	5 mL	002012
3-Acetyl-Deoxynivalenol (3-AcDON)	100	acetonitrile	1 mL	S02012
Aflatoxin B1 (AFB1)	2	acetonitrile	5 mL	002017
Aflatoxin B1 (AFB1)	2	acetonitrile	1 mL	S02017
Aflatoxin B2 (AFB2)	0.5	acetonitrile	5 mL	002018
Aflatoxin B2 (AFB2)	0.5	acetonitrile	1 mL	S02018
Aflatoxin G1 (AFG1)	2	acetonitrile	5 mL	002019
Aflatoxin G1 (AFG1)	2	acetonitrile	1 mL	S02019
Aflatoxin G2 (AFG2)	0.5	acetonitrile	5 mL	002020
Aflatoxin G2 (AFG2)	0.5	acetonitrile	1 mL	S02020
Aflatoxin M1	0.5	acetonitrile	5 mL	002030
Aflatoxin M1	0.5	acetonitrile	1 mL	S02030
Agroclavine	100	dried down	5 mL	002071
Alpha-Zearalanol (Zeranol)	10	acetonitrile	1 mL	S02054
Alpha-Zearalenol	10	acetonitrile	1 mL	S02042
Beta-Zearalanol (Taleranol)	10	acetonitrile	1 mL	S02055
Beta-Zearalenol	10	acetonitrile	1 mL	S02043
Citrinin	100	acetonitrile	1 mL	S02063
Deepoxy-deoxynivalenol	50	acetonitrile	5 mL	002033
Deepoxy-deoxynivalenol	50	acetonitrile	1 mL	S02033
Deoxynivalenol (DON)	100	acetonitrile	5 mL	002009
Deoxynivalenol (DON)	100	acetonitrile	1 mL	S02009
Deoxynivalenol-3-glucoside	50	acetonitrile	1 mL	S02046
Diacetoxyscirpenol (DAS)	100	acetonitrile	5 mL	002037
Diacetoxyscirpenol (DAS)	100	acetonitrile	1 mL	S02037
Ergocornine	100	dried down	5 mL	002064
Ergocorninine *	25	dried down	5 mL	002072
Ergocristine	100	dried down	5 mL	002065
Ergocristinine *	25	dried down	5 mL	002073
Ergocryptine	100	dried down	5 mL	002066
Ergocryptinine *	25	dried down	5 mL	002074
Ergometrine	100	dried down	5 mL	002067
Ergosine	100	dried down	5 mL	002068
Ergotamine	100	dried down	5 mL	002069
Ergotaminine *	25	dried down	5 mL	002075
Fumagillin	100	acetonitrile	1 mL	S02056
Fumonisin B1 (FB1)	50	acetonitrile/water	5 mL	002003
Fumonisin B1 (FB1)	50	acetonitrile/water	1 mL	S02003

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Component	Conc. (µg/mL)	Solvent	Unit of Issue	Cat. No.
Fumonisin B2 (FB2)	50	acetonitrile/water	5 mL	002004
Fumonisin B2 (FB2)	50	acetonitrile/water	1 mL	S02004
Fumonisin B3	50	acetonitrile/water	1 mL	S02007
Fusarenon X (FusX)	100	acetonitrile	5 mL	002010
Fusarenon X (FusX)	100	acetonitrile	1 mL	S02010
Gliotoxin	100	acetonitrile	1 mL	S02057
HT-2 Toxin (HT-2)	100	acetonitrile	5 mL	002036
HT-2 Toxin (HT-2)	100	acetonitrile	1 mL	S02036
Moniliformin	100	acetonitrile/water	1 mL	S02058
Mycophenolic acid	100	acetonitrile	5 mL	002049
Mycophenolic acid	100	acetonitrile	1 mL	S02049
Neosolaniol (NEO)	100	acetonitrile	5 mL	002001
Neosolaniol (NEO)	100	acetonitrile	1 mL	S02001
Nivalenol (NIV)	100	acetonitrile	5 mL	002011
Nivalenol (NIV)	100	acetonitrile	1 mL	S02011
Ochratoxin A	10	acetonitrile	5 mL	002023
Ochratoxin A	10	acetonitrile	1 mL	S02023
Ochratoxin B	10	acetonitrile	1 mL	S02052
Ochratoxin-alpha	10	acetonitrile	1 mL	S02053
Patulin	100	acetonitrile	5 mL	002026
Patulin	100	acetonitrile	1 mL	S02026
Paxilline	100	acetonitrile	1 mL	S02059
Penicillic acid	100	acetonitrile	1 mL	S02060
Sterigmatocystin	50	acetonitrile	5 mL	002051
Sterigmatocystin	50	acetonitrile	1 mL	S02051
T-2 Tetraol	50	acetonitrile	1 mL	S02048
T-2 Toxin (T-2)	100	acetonitrile	5 mL	002035
T-2 Toxin (T-2)	100	acetonitrile	1 mL	S02035
T-2 Triol	50	acetonitrile	1 mL	S02047
Verruculogen	100	acetonitrile	1 mL	S02061
Wortmannin	100	acetonitrile	1 mL	S02062
Zearalanone	10	acetonitrile	1 mL	S02041
Zearalenone (ZON)	100	acetonitrile	5 mL	002029
Zearalenone (ZON)	100	acetonitrile	1 mL	S02029

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Mycotoxin calibrant mixtures

Component	Conc. ($\mu\text{g/mL}$)	Solvent	Unit of Issue	Cat. No.
Mix 1 (Aflatoxins) Aflatoxin B1, Aflatoxin G1 Aflatoxin B2, Aflatoxin G2	2 (AFB1 & AFG1) 0.5 (AFB2 & AFG2)	acetonitrile	5 mL 1 mL	002021 S02021
Mix 2 (B-Trichothecenes) DON, NIV, 3-AcDON & 15-AcDON	100	acetonitrile	5 mL 1 mL	002016 S02016
Mix 3 (Fumonisin) FB1 & FB2	50	acetonitrile/water	5 mL 1 mL	002006 S02006
Mix 4 (A+B-Trichothecenes & Zearalenone) 3-AcDON, DON, NIV, FusX, HT-2, T-2, DAS, ZON	10	acetonitrile	5 mL 1 mL	002002 S02002
Mix 5 (Aflatoxins) Aflatoxin B1, Aflatoxin G1 Aflatoxin B2, Aflatoxin G2	0.25 (AFB1 & AFG1) 0.25 (AFB2 & AFG2)	acetonitrile	6 mL 1 mL	002022 S02022
Mix 6 (Ergotalkaloids) Ergocornine, Ergocristine, Ergocryptine, Ergometrine, Ergosine, Ergotamine	100	dried down	5 mL	002070

Stable isotope labeled mycotoxin calibrants

Component	Conc. ($\mu\text{g/mL}$)	Solvent	Unit of Issue	Cat. No.
U- $^{13}\text{C}_{15}$ -Deoxynivalenol	25	acetonitrile	1.2 mL	002005
U- $^{13}\text{C}_{17}$ -3-Acetyl-Deoxynivalenol	25	acetonitrile	1.2 mL	ILM006
U- $^{13}\text{C}_{17}$ -Aflatoxin B1 *	0.5	acetonitrile	1.2 mL	ILM010
U- $^{13}\text{C}_{18}$ -Zearalenone	25	acetonitrile	1.2 mL	ILM009
U- $^{13}\text{C}_{20}$ -Ochratoxin A	10	acetonitrile	1.2 mL	ILM007
U- $^{13}\text{C}_{22}$ -HT-2 Toxin	25	acetonitrile	1.2 mL	ILM008
U- $^{13}\text{C}_{24}$ -T-2 Toxin	25	acetonitrile	1.2 mL	002044
U- $^{13}\text{C}_{34}$ -Fumonisin B1	25	acetonitrile/water	1.2 mL	ILM003
U- $^{13}\text{C}_{34}$ -Fumonisin B2	10	acetonitrile/water	1.2 mL	ILM004
U- $^{13}\text{C}_{34}$ -Fumonisin B3	10	acetonitrile/water	1.2 mL	ILM005

Accessory for liquid calibrants

Accessory	Description	Unit of Issue	Cat. No.
Mininert [®] Valve	Screw cap	1	050001

* New product



Solid mycotoxin standards

Component	Cert. Purity (%)	Unit of Issue	Cat. No.
15-Acetyldeoxynivalenol	98.8 ± 1.2	5 mg	001006
15-Acetyldeoxynivalenol	98.8 ± 1.2	10 mg	001106
3-Acetyldeoxynivalenol	99.4 ± 0.6	5 mg	001003
3-Acetyldeoxynivalenol	99.4 ± 0.6	10 mg	001103
Aflatoxin B1 *	99.5 ± 0.5	5 mg	001012
Aflatoxin B2 *	99.7 ± 0.3	5 mg	001013
Aflatoxin G1 *	98.0 ± 2.0	5 mg	001014
Aflatoxin G2 *	97.1 ± 2.9	5 mg	001015
Deoxynivalenol	99.4 ± 0.6	5 mg	001001
Deoxynivalenol	99.4 ± 0.6	10 mg	001101
Fumonisin B1	97.6 ± 2.4	5 mg	001007
Fumonisin B1	97.6 ± 2.4	10 mg	001107
Fusarenon X	99.4 ± 0.6	5 mg	001004
Fusarenon X	99.4 ± 0.6	10 mg	001104
Neosolaniol	99.4 ± 0.6	5 mg	001010
Neosolaniol	99.4 ± 0.6	10 mg	001110
Nivalenol hydrate	98.6 ± 1.4	5 mg	001005
Nivalenol hydrate	98.6 ± 1.4	10 mg	001105
Ochratoxin A	99.5 ± 0.5	5 mg	001008
Ochratoxin A	99.5 ± 0.5	10 mg	001108
Patulin *	99.7 ± 0.3	5 mg	001016
Sterigmatocystin *	99.7 ± 0.3	5 mg	001017
T-2 Toxin	99.7 ± 0.3	5 mg	001011
T-2 Toxin	99.7 ± 0.3	10 mg	001111
Zearalenone	99.4 ± 0.6	5 mg	001009
	99.4 ± 0.6	10 mg	001109

Protein conjugates

Component	Coupling ratio	Unit of Issue	Cat. No.
Aflatoxin B1 - BSA Conjugate	50:1	2 mg	CON001
Deoxynivalenol - BSA Conjugate	50:1	2 mg	CON002
Ochratoxin A - BSA Conjugate	50:1	2 mg	CON003
T-2 Toxin - BSA Conjugate	50:1	2 mg	CON004
Zearalenone - BSA Conjugate	50:1	2 mg	CON005

Matrix reference materials

Material	Constituent	Concentration	Unit of Issue	Cat. No.
Maize flour	Deoxynivalenol	474 ± 30 µg/kg	100 g	003001
Wheat flour	Deoxynivalenol	1062 ± 116 µg/kg	100 g	003004
Maize flour	Fumonisin B1	2406 ± 612 µg/kg	100 g	003003
	Fumonisin B2	630 ± 116 µg/kg		
Wheat flour	Ochratoxin A	2.7 ± 1.0 µg/kg	100 g	003006
Maize flour	Zearalenone	60 ± 9 µg/kg	100 g	003002

* New product