

PRODUCTLIST

10/2017

Mycotoxin Calibrant Solutions

Component	Conc. [µg/mL]	Solvent	Amount	Cat. No.
15-Acetoxy-scirpenol (on request)	50	acetonitrile	1 mL	LMY-088-1ML
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
Alpha-Zearalanol (Zeranol)	10	acetonitrile	1 mL	S02054
Alpha-Zearalanol	10	acetonitrile	1 mL	S02042
Alternariol	100	dried down	1 mL	S02076
Alternariolmethylether	100	dried down	1 mL	S02077
Altenuene	10	acetonitrile	1 mL	S02096
Altartoxin I	10	acetonitrile	1 mL	S02097
Beauvericin	100	dried down	1 mL	LMY-056-1ML
Beta-Zearalanol (Taleranol)	10	acetonitrile	1 mL	S02055
Beta-Zearalanol	10	acetonitrile	1 mL	S02043
Cyclopiazonic Acid (on request)	100	acetonitrile	1 mL	LMY-095-1ML
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
Fumonisin B1 (FB1)	50	acetonitrile/water	5 mL	002003
Fumonisin B1 (FB1)	50	acetonitrile/water	1 mL	S02003
Fumonisin B1, hydrolyzed (HFB1) (on request)	25	acetonitrile/water	1 mL	LMY-087-1ML
Fumonisin B2 (FB2)	50	acetonitrile/water	5 mL	002004
Fumonisin B2 (FB2)	50	acetonitrile/water	1 mL	S02004
Fumonisin B3 (FB3)	50	acetonitrile/water	1 mL	S02007
Fusarenon X (FusX)	100	acetonitrile	5 mL	002010
Fusarenon X (FusX)	100	acetonitrile	1 mL	S02010
HT-2 Toxin (HT-2)	100	acetonitrile	5 mL	002036
HT-2 Toxin (HT-2)	100	acetonitrile	1 mL	S02036
Moniliformin (MON)	100	acetonitrile/water	1 mL	S02058
Mycophenolic acid (on request)	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 (OTA)	10	acetonitrile	5 mL	002023
Ochratoxin A (OTA)	10	acetonitrile	1 mL	S02023
Ochratoxin B (OTB)	10	acetonitrile	1 mL	S02052
Ochratoxin-alpha (OTα)	10	acetonitrile	1 mL	S02053
Patulin (PAT)	100	acetonitrile	5 mL	002026
Patulin (PAT)	100	acetonitrile	1 mL	S02026



Mycotoxin Calibrant Solutions

Component	Conc. [µg/mL]	Solvent	Amount	Cat. No.
Secalonic Acid D (on request)	50	chloroform	1.2 mL	LMY-091-1.2ML
Sterigmatocystin	50	acetonitrile	5 mL	002051
Sterigmatocystin	50	acetonitrile	1 mL	S02051
T-2 Tetraol (on request)	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
Tentoxin	100	dried down	1 mL	S02078
Tenuazonic acid	100	dried down	1 mL	LMY-080-1ML
Zearalanone (ZAN)	10	acetonitrile	1 mL	S02041
Zearalenone	100	acetonitrile	5 mL	002029
Zearalenone	100	acetonitrile	1 mL	S02029

ISO Guide 34 Certified Reference Materials

Component	Conc. [µg/mL]	Solvent	Amount	Cat. No.
Deoxynivalenol in acetonitrile, Certified Reference Material	24.74 ± 0.62	acetonitrile	2 mL	CRM001
Zearalenone in acetonitrile, Certified Reference Material	10.03 ± 0.38	acetonitrile	2 mL	CRM002
Nivalenol in acetonitrile, Certified Reference Material	25.04 ± 0.83	acetonitrile	2 mL	CRM003
Ochratoxin A in acetonitrile, Certified Reference Material	10.01 ± 0.25	acetonitrile	2 mL	CRM004

Ergot Alkaloids

Component	Conc.* [µg/mL]	Solvent	Amount	Cat. No.
Dihydroergocristine (on request)	100	dried down	0.5 mg	LMY-085-5ML
Ergocornine	100	dried down	0.5 mg	002064
Ergocorninine	25	dried down	0.125 mg	002072
Ergocristine	100	dried down	0.5 mg	002065
Ergocristinine	25	dried down	0.125 mg	002073
Ergocryptine	100	dried down	0.5 mg	002066
Ergocryptinine	25	dried down	0.125 mg	002074
Ergometrine	100	dried down	0.5 mg	002067
Ergometrinine	25	dried down	0.125 mg	LMY-090-5ML
Ergosine	100	dried down	0.5 mg	002068
Ergosinine	25	dried down	0.125 mg	LMY-089-5ML
Ergotamine	100	dried down	0.5 mg	002069
Ergotaminine	25	dried down	0.125 mg	002075

* after reconstitution in 5 mL of solvent

Mycotoxin Calibrant Mixtures

Component	Conc. [µg/mL]	Solvent	Amount	Cat. No.
MIX 1 (Aflatoxins)				
Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, 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 each	acetonitrile	5 mL 1 mL	002016 S02016
MIX 3 (Fumonisin)				
FB1 & FB2	50 each	acetonitrile/water	5 mL 1 mL	002006 S02006
MIX 4 (A+B-Trichothecenes & Zearalenone)				
3-AcDON, DON, NIV, FusX, HT-2, T-2, DAS, Zearalenone	10 each	acetonitrile	5 mL 1 mL	002002 S02002
MIX 5 (Aflatoxins)				
Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2	0.25 each	acetonitrile	6 mL 1 mL	002022 S02022
MIX 8 (Fusarium Toxins) (on request)				
DON, HT-2, T-2, Zearalenone	100 (DON & HT-2) 10 (T-2) 30 (Zearalenone)	acetonitrile	5 mL	LMY-093-5ML
MIX 9 (Aflatoxins)				
Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2	1 each	acetonitrile	5 mL	LMY-092-5ML





Stable Isotope Labeled Calibrants

Component	Conc. [µg/mL]	Solvent	Amount	Cat. No.
U-[¹³ C ₁₇]-3-Acetyl-Deoxynivalenol	25	acetonitrile	1.2 mL	ILM006
U-[¹³ C ₁₇]-15-Acetyl-Deoxynivalenol	10	acetonitrile	1.2 mL	ILM029
U-[¹³ C ₁₇]-Aflatoxin B1	0.5	acetonitrile	1.2 mL	ILM010
U-[¹³ C ₁₇]-Aflatoxin B2	0.5	acetonitrile	1.2 mL	ILM011
U-[¹³ C ₁₇]-Aflatoxin G1	0.5	acetonitrile	1.2 mL	ILM012
U-[¹³ C ₁₇]-Aflatoxin G2	0.5	acetonitrile	1.2 mL	ILM013
U-[¹³ C ₁₇]-Aflatoxin M1	0.5	acetonitrile	1.2 mL	ILM-021-1.2ML
U-[¹³ C ₁₉]-Diacetoxyscirpenol	25	acetonitrile	1.2 mL	ILM-020-1.2ML
U-[¹³ C ₁₃]-Citrinin	10	acetonitrile	1.2 mL	ILM026-1.2ML
U-[¹³ C ₂₀]-Cyclopiazonic acid (on request)	10	acetonitrile	1.2 mL	ILM027-1.2ML
U-[¹³ C ₁₅]-Deoxynivalenol	25	acetonitrile	1.2 mL	002005
U-[¹³ C ₂₁]-Deoxynivalenol-3-Glucoside	10	acetonitrile	1.2 mL	ILM028
U-[¹³ C ₃₄]-Fumonisin B1	25	acetonitrile/water	1.2 mL	ILM003
U-[¹³ C ₃₄]-Fumonisin B2	10	acetonitrile/water	1.2 mL	ILM004
U-[¹³ C ₃₄]-Fumonisin B3	10	acetonitrile/water	1.2 mL	ILM005
U-[¹³ C ₂₂]-HT-2 Toxin	25	acetonitrile	1.2 mL	ILM008
U-[¹³ C ₂₀]-Ochratoxin A	10	acetonitrile	1.2 mL	ILM007
U-[¹³ C ₇]-Patulin	25	acetonitrile	1.2 mL	ILM-015-1.2ML
U-[¹³ C ₁₇]-Mycophenolic acid (on request)	100	acetonitrile	1.2 mL	ILM014
U-[¹³ C ₁₅]-Nivalenol	25	acetonitrile	1.2 mL	ILM-019-1.2ML
U-[¹³ C ₁₈]-Sterigmatocystin	25	acetonitrile	1.2 mL	ILM-017-1.2ML
U-[¹³ C ₂₄]-T-2 Toxin	25	acetonitrile	1.2 mL	002044
U-[¹³ C ₁₈]-Zearalenone	25	acetonitrile	1.2 mL	ILM009

Stable Isotope Labeled Calibrant Mixtures

Component	Conc. [µg/mL]	Solvent	Amount	Cat. No.
MIX 10 (¹³ C Fusarium Toxins) (on request) U-[¹³ C ₁₅]-DON, U-[¹³ C ₂₂]-HT-2, U-[¹³ C ₂₄]-T-2, U-[¹³ C ₁₈]-Zearalenone	10 (DON & HT-2) 1 (T-2) 3 (Zearalenone)	acetonitrile	1.2 mL	ILM025-1.2ML
MIX 11 (¹³ C Aflatoxins) U-[¹³ C ₁₇]-Aflatoxin B1, U-[¹³ C ₁₇]-Aflatoxin B2 U-[¹³ C ₁₇]-Aflatoxin G1, U-[¹³ C ₁₇]-Aflatoxin G2	0.5 each	acetonitrile	1.2 mL	ILM024-1.2ML
MIX 12 (¹³ C Fumonisins) U-[¹³ C ₃₄]-FUM B1, U-[¹³ C ₃₄]-FUM B2	5 each	acetonitrile/water	1.2 mL	ILM023-1.2ML

Solid Mycotoxin Standards

Component	Purity* [%]	Amount	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
Zearalenone	99.4 ± 0.6	10 mg	001109

*Purity will slightly differ from lot to lot

Quality Control Materials

These products represent naturally contaminated materials and have a limited supply. The exact concentration of the respective mycotoxins is stated on the certificate of analysis.

Mycotoxins

Material	Amount	Item No.
Wheat, blank	100 g	QCM0W0
Aflatoxins in Corn, low level	100 g	QCM1C1
Aflatoxins in Corn, mid level	100 g	QCM1C2
Deoxynivalenol in Corn, low level	100 g	QCM2C1
Deoxynivalenol in Corn, mid level	100 g	QCM2C2
Deoxynivalenol in Corn, high level	100 g	QCM2C3
Deoxynivalenol in Wheat, low level	100 g	QCM2W1
Deoxynivalenol in Wheat, mid level	100 g	QCM2W2
Deoxynivalenol in Barley, high level	100 g	QCM2B3
Fumonisin in Corn, low level	100 g	QCM3C1
Fumonisin in Corn, mid level	100 g	QCM3C2
Fumonisin in Corn, high level	100 g	QCM3C3
Zearalenone in Corn, low level	100 g	QCM6C1
Zearalenone in Corn, mid level	100 g	QCM6C2
Zearalenone in Corn, high level	100 g	QCM6C3
Multitoxin (DON, Fumonisin, Zearalenone) in Corn	100 g	QCM7C1

Alkaloids

Component	Conc. [$\mu\text{g}/\text{mL}$]	Solvent	Amount	Cat. No.
Atropine (on request)	100	dried down	1 mL	ALK-001-1ML
Hyoscyamine (on request)	100	dried down	1 mL	ALK-004-1ML
Scopolamine (on request)	100	dried down	1 mL	ALK-003-1ML

Contaminants and Medical/Veterinary Drugs

Component	Conc. [$\mu\text{g}/\text{mL}$]	Solvent	Amount	Cat. No.
Melamine (on request)	100	acetonitrile/water	5 mL	CMT001
U- $^{13}\text{C}_3$ -Melamine	100	acetonitrile/water	1.2 mL	CMT002
U- $^{13}\text{C}_{17}$ -Griseofulvin (on request)	25	acetonitrile	1.2 mL	ANT-001-1.2ML
Tetracycline (on request)	2.5	dried down	5 x 1 mL	ANT-007
U- $^{13}\text{C}_{22}^{15}\text{N}_2$ -Tetracycline (on request)	2.5	dried down	5 x 1 mL	ANT-008
U- $^{13}\text{C}_{22}^{15}\text{N}_2$ -Oxytetracycline (on request)	2.5	dried down	5 x 1 mL	ANT-010

biopure



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