

# Biopure™ Product List

02/2024

Component	Conc. [µg/mL]	Solvent	Amount [mL]	Item No.
15-Acetoxy-scirpenol (on request)	50	acetonitrile	1	10002875
15-Acetyl-Deoxynivalenol (15-AcDON)	100	acetonitrile	5	10000338
15-Acetyl-Deoxynivalenol (15-AcDON)	100	acetonitrile	1	10003650
3-Acetyl-Deoxynivalenol (3-AcDON)	100	acetonitrile	5	10000337
3-Acetyl-Deoxynivalenol (3-AcDON)	100	acetonitrile	1	10003649
Aflatoxin B1 (AFB1)	2	acetonitrile	5	10000340
Aflatoxin B1 (AFB1)	2	acetonitrile	1	10003652
Aflatoxin B2 (AFB2)	0.5	acetonitrile	5	10000341
Aflatoxin B2 (AFB2)	0.5	acetonitrile	1	10003653
Aflatoxin G1 (AFG1)	2	acetonitrile	5	10000342
Aflatoxin G1 (AFG1)	2	acetonitrile	1	10003654
Aflatoxin G2 (AFG2)	0.5	acetonitrile	5	10000343
Aflatoxin G2 (AFG2)	0.5	acetonitrile	1	10003655
Aflatoxin M1	0.5	acetonitrile	1	10003661
Alpha-Zearalanol (Zeranol)	10	acetonitrile	1	10003676
Alpha-Zearalanol	10	acetonitrile	1	10003667
Alternariol	100	dried down	1	10003681
Alternariolmethyl ether	100	dried down	1	10003682
Altenuene	10	acetonitrile	1	10003684
Altetoxin I	10	acetonitrile	1	10003685
Beauvericin	100	dried down	1	10002867
Beta-Zearalanol (Taleranol)	10	acetonitrile	1	10003677
Beta-Zearalanol	10	acetonitrile	1	10003668
Cyclopiiazonic Acid (on request)	100	acetonitrile	1	10002881
Citrinin	100	acetonitrile	1	10003679
Deoxy-deoxynivalenol	50	acetonitrile	5	10000350
Deoxy-deoxynivalenol	50	acetonitrile	1	10003662
Deoxynivalenol (DON)	100	acetonitrile	5	10000334
Deoxynivalenol (DON)	100	acetonitrile	1	10003646
Deoxynivalenol-3-glucoside	50	acetonitrile	1	10003669
Deoxynivalenol-3-glucoside	50	acetonitrile	5	10003522
Diacetoxyscirpenol (DAS)	100	acetonitrile	5	10000353
Diacetoxyscirpenol (DAS)	100	acetonitrile	1	10003665
Fumonisin B1 (FB1)	50	acetonitrile/water	5	10000330
Fumonisin B1 (FB1)	50	acetonitrile/water	1	10003642
Fumonisin B1, hydrolyzed (HFB1) (on request)	25	acetonitrile/water	1	10002873
Fumonisin B2 (FB2)	50	acetonitrile/water	5	10000331
Fumonisin B2 (FB2)	50	acetonitrile/water	1	10003643
Fumonisin B3 (FB3)	50	acetonitrile/water	1	10003645
Fusarenon X (FusX)	100	acetonitrile	5	10000335
Fusarenon X (FusX)	100	acetonitrile	1	10003647
HT-2 Toxin (HT-2)	100	acetonitrile	5	10000352
HT-2 Toxin (HT-2)	100	acetonitrile	1	10003664
Moniliformin (MON)	100	acetonitrile/water	1	10003678
Mycophenolic acid (on request)	100	acetonitrile	1	10003672
Neosolaniol (NEO)	100	acetonitrile	5	10000328
Neosolaniol (NEO)	100	acetonitrile	1	10003640
Nivalenol (NIV)	100	acetonitrile	5	10000336
Nivalenol (NIV)	100	acetonitrile	1	10003648
Ochratoxin A (OTA)	10	acetonitrile	5	10000346
Ochratoxin A (OTA)	10	acetonitrile	1	10003658
Ochratoxin B (OTB)	10	acetonitrile	1	10003674
Ochratoxin-alpha (Ota)	10	acetonitrile	1	10003675
Patulin (PAT)	100	acetonitrile	5	10000347
Patulin (PAT)	100	acetonitrile	1	10003659
Sterigmatocystin	50	acetonitrile	5	10000356
Sterigmatocystin	50	acetonitrile	1	10003673
T-2 Tetraol (on request)	50	acetonitrile	1	10003671
T-2 Toxin (T-2)	100	acetonitrile	5	10000351
T-2 Toxin (T-2)	100	acetonitrile	1	10003663
T-2 Triol	50	acetonitrile	1	10003670
Tentoxin	100	dried down	1	10003683
Tenuazonic acid	100	dried down	1	10002868
Zearalanone (ZAN)	10	acetonitrile	1	10003666
Zearalanone	100	acetonitrile	5	10000348
Zearalenone	100	acetonitrile	1	10003660

Component	Conc. [µg/mL]	Solvent	Amount [mL]	Item No.
<b>MIX 1</b> (Aflatoxins)	2 (AFB1 & AFG1)	acetonitrile	5	10000344
Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2	0.5 (AFB2 & AFG2)	acetonitrile	1	10003656
<b>MIX 2</b> (B-Trichothecenes)	100 each	acetonitrile	5	10000339
DON, NIV, 3-AcDON, 15-AcDON		acetonitrile	1	10003651
<b>MIX 3</b> (Fumonisin)	50 each	acetonitrile/water	5	10000333
FB1 & FB2		acetonitrile/water	1	10003644
<b>MIX 4</b> (A+B-Trichothecenes & Zearalenone)	10 each	acetonitrile	5	10000329
3-AcDON, DON, NIV, FusX, HT-2, T-2, DAS, Zearalenone		acetonitrile	1	10003641
<b>MIX 5</b> (Aflatoxins)	0.25 each	acetonitrile	6	10000345
Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2		acetonitrile	1	10003657
<b>MIX 8</b> (Fusarium Toxins) (on request)	100 (DON & HT-2)	acetonitrile	5	10002880
DON, HT-2, T-2, Zearalenone	10 (T-2)	acetonitrile	1	10003668
<b>MIX 9</b> (Aflatoxins)	1 each	acetonitrile	5	10002879
Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2		acetonitrile	1	10003657
<b>MIX 21</b> (Fumonisin)	10 each	acetonitrile/water	5	10006434
FB1, FB2 & FB3		acetonitrile/water	1	10006433

Component	Purity* [%]	Amount [mg]	Item No.
15-Acetyldeoxynivalenol	98.8 ± 1.2	5	10000305
15-Acetyldeoxynivalenol	98.8 ± 1.2	10	10000322
3-Acetyldeoxynivalenol	99.4 ± 0.6	5	10000302
3-Acetyldeoxynivalenol	99.4 ± 0.6	10	10000319
Aflatoxin B1	99.5 ± 0.5	5	10000311
Aflatoxin B2	99.7 ± 0.3	5	10000312
Aflatoxin G1	98.0 ± 2.0	5	10000313
Aflatoxin G2	97.1 ± 2.9	5	10000314
Deoxynivalenol	99.4 ± 0.6	5	10000301
Deoxynivalenol	99.4 ± 0.6	10	10000318
Fumonisin B1	97.6 ± 2.4	5	10000306
Fumonisin B1	97.6 ± 2.4	10	10000323
Fusarenon X	99.4 ± 0.6	5	10000303
Fusarenon X	99.4 ± 0.6	10	10000320
Neosolaniol	99.4 ± 0.6	5	10000309
Neosolaniol	99.4 ± 0.6	10	10000326
Nivalenol hydrate	98.6 ± 1.4	5	10000304
Nivalenol hydrate	98.6 ± 1.4	10	10000321
Ochratoxin A	99.5 ± 0.5	5	10000307
Ochratoxin A	99.5 ± 0.5	10	10000324
Patulin	99.7 ± 0.3	5	10000315
Sterigmatocystin	99.7 ± 0.3	5	10000316
T-2 Toxin	99.7 ± 0.3	5	10000310
T-2 Toxin	99.7 ± 0.3	10	10000327
Zearalenone	99.4 ± 0.6	5	10000308
Zearalenone	99.4 ± 0.6	10	10000325

\*Purity will slightly differ from lot to lot

Material	Conc.	Unit	Item No.
Blank wheat	< Limit of detection	100 g/bottle	10003611
Zearalenone in corn, low level	Zearalenone: 62 ± 17 µg/kg	100 g/bottle	10003624
Aflatoxins in corn, low level	Aflatoxin B1: 4.8 ± 1.9 µg/kg Aflatoxin B2: <1 µg/kg Aflatoxin G1: <1 µg/kg Aflatoxin G2: <1 µg/kg	100 g/bag	10007113
Deoxynivalenol in corn, high level	Deoxynivalenol: 2200 ± 600 µg/kg	100 g/bag	10007115
Afla, DON, ZON and FUM in corn, mid level	Aflatoxins: 6.0 ± 2.5 µg/kg Deoxynivalenol: 900 ± 200 µg/kg Fumonisin: 2600 ± 600 µg/kg Zearalenone: 103.4 ± 37.5 µg/kg	100 g/bag	10007114
DON, T-2/HT-2, and OTA in wheat, low level	Deoxynivalenol: 1000 ± 300 µg/kg T-2 toxin: 35.2 ± 16.3 µg/kg HT-2 toxin: 38.0 ± 12.7 µg/kg Ochratoxin A: 6.0 ± 3.0 µg/kg	100 g/bag	10007116

Component	Conc. [µg/mL]	Solvent	Amount [mL]	Item No.
Atropine (on request)	100	dried down	1	10001831
Hyoscyamine (on request)	100	dried down	1	10001834
Scopolamine (on request)	100	dried down	1	10001833

Component	Conc. [µg/mL]	Solvent	Amount [mL]	Item No.
Melamine (on request)	100	acetonitrile/water	5	10001919
U-[ <sup>14</sup> C]-Melamine	100	acetonitrile/water	12	10001920
U-[ <sup>14</sup> C]-Griseofulvin (on request)	25	acetonitrile	12	10001837
Tetracycline (on request)	2.5	dried down	5 x 1	10001839
U-[ <sup>14</sup> C, <sup>15</sup> N]-Tetracycline (on request)	2.5	dried down	5 x 1	10001840
U-[ <sup>14</sup> C, <sup>15</sup> N]-Oxytetracycline (on request)	2.5	dried down	5 x 1	10001841

Component	Conc. [µg/mL]	Solvent	Amount [mL]	Item No.
U-[ <sup>14</sup> C]-3-Acetyl-Deoxynivalenol	25	acetonitrile	1.2	10002811
U-[ <sup>14</sup> C]-15-Acetyl-Deoxynivalenol	10	acetonitrile	1.2	10002840
U-[ <sup>14</sup> C]-Aflatoxin B1	0.5	acetonitrile	1.2	10002818
U-[ <sup>14</sup> C]-Aflatoxin B1	0.5	acetonitrile	5	10006999
U-[ <sup>14</sup> C]-Aflatoxin B2	0.5	acetonitrile	1.2	10002819
U-[ <sup>13</sup> C]-Aflatoxin B2	0.5	acetonitrile	5	10007018
U-[ <sup>14</sup> C]-Aflatoxin G1	0.5	acetonitrile	1.2	10002820
U-[ <sup>14</sup> C]-Aflatoxin G1	0.5	acetonitrile	5	10007019
U-[ <sup>14</sup> C]-Aflatoxin G2	0.5	acetonitrile	1.2	10002822
U-[ <sup>14</sup> C]-Aflatoxin G2	0.5	acetonitrile	5	10007020
U-[ <sup>14</sup> C]-Aflatoxin M1	0.5	acetonitrile	1.2	10002832
U-[ <sup>14</sup> C]-Aflatoxin M1	0.5	acetonitrile	5	10007022
U-[ <sup>14</sup> C]-Alternariol	25	acetonitrile	1.2	10006457
U-[ <sup>14</sup> C]-Alternariolmethyl ether	25	acetonitrile	1.2	10006458
U-[ <sup>14</sup> C]-Diacetoxyscirpenol	25	acetonitrile	1.2	10002831
U-[ <sup>14</sup> C]-Citrinin	10	acetonitrile	1.2	10002836
U-[ <sup>14</sup> C]-Cyclopiiazonic acid (on request)	10	acetonitrile	1.2	10002837
U-[ <sup>14</sup> C]-Deoxynivalenol	25	acetonitrile	1.2	10000332
U-[ <sup>14</sup> C]-Deoxynivalenol	25	acetonitrile	5	10006137
U-[ <sup>14</sup> C]-Deoxynivalenol-3-Glucoside	10	acetonitrile	1.2	10002838
U-[ <sup>14</sup> C]-Fumonisin B1	25	acetonitrile/water	1.2	10002806
U-[ <sup>14</sup> C]-Fumonisin B1	25	acetonitrile/water	5	10006995
U-[ <sup>14</sup> C]-Fumonisin B2	10	acetonitrile/water	1.2	10002808
U-[ <sup>14</sup> C]-Fumonisin B2	10	acetonitrile/water	5	10006996
U-[ <sup>14</sup> C]-Fumonisin B3	10	acetonitrile/water	1.2	10002810
U-[ <sup>14</sup> C]-HT-2 Toxin	25	acetonitrile	1.2	10002814
U-[ <sup>14</sup> C]-HT-2 Toxin	25	acetonitrile	5	10006997
U-[ <sup>14</sup> C]-Ochratoxin A	10	acetonitrile	1.2	10002812
U-[ <sup>14</sup> C]-Ochratoxin A	10	acetonitrile	5	10002813
U-[ <sup>14</sup> C]-Ochratoxin B	10	acetonitrile	1.2	10007086
U-[ <sup>14</sup> C]-Patulin	25	acetonitrile	1.2	10002825
U-[ <sup>14</sup> C]-Patulin	25	acetonitrile	5	10007023
U-[ <sup>14</sup> C]-Mycophenolic acid (on request)	100	acetonitrile	1.2	10002823
U-[ <sup>14</sup> C]-Nivalenol	25	acetonitrile	1.2	10002829
U-[ <sup>14</sup> C]-Sterigmatocystin	25	acetonitrile	1.2	10002828
U-[ <sup>14</sup> C]-T-2 Toxin	25	acetonitrile	1.2	10000354
U-[ <sup>14</sup> C]-T-2 Toxin	25	acetonitrile	5	10006994
U-[ <sup>14</sup> C]-Zearalenone	25	acetonitrile	1.2	10002816
U-[ <sup>14</sup> C]-Zearalenone	25	acetonitrile	5	10006998
U-[ <sup>14</sup> C]-Moniliformin	10	acetonitrile/water (90/10)	1.2	10006945
U-[ <sup>14</sup> C]-Tenuazonic acid	10	dried down	1	10007037
Altenuene-d3	10	acetonitrile	1.2	10006810
Tentoxin-d6	10	acetonitrile	1.2	10000142

Component	Conc. [µg/mL]	Solvent	Amount [mL]	Item No.
<b>MIX 10</b> ( <sup>14</sup> C Fusarium Toxins) (on request)	10 (DON & HT-2)	acetonitrile	1.2	10002835
U-[ <sup>14</sup> C]-DON, U-[ <sup>14</sup> C]-HT-2, U-[ <sup>14</sup> C]-T-2, U-[ <sup>14</sup> C]-Zearalenone	1 (T-2) 3 (Zearalenone)	acetonitrile	1	
<b>MIX 11</b> ( <sup>14</sup> C Aflatoxins)	0.5 each	acetonitrile	1.2	10002834
U-[ <sup>14</sup> C]-Aflatoxin B1, U-[ <sup>14</sup> C]-Aflatoxin B2, U-[ <sup>14</sup> C]-Aflatoxin G1, U-[ <sup>14</sup> C]-Aflatoxin G2		acetonitrile	5	10007021
<b>MIX 12</b> ( <sup>14</sup> C Fumonisin)	5 each	acetonitrile/water	1.2	10002833
U-[ <sup>14</sup> C]-FUM B1, U-[ <sup>14</sup> C]-FUM B2		acetonitrile/water	1	

Component	Conc.* [µg/mL]	Solvent	Amount [mg]	Item No.
Dihydroergocristine (on request)	100	dried down	0.5	10002871
Ergocornine	100	dried down	0.5	10000357
Ergocorninine	25	dried down	0.125	10000364
Ergocristine	100	dried down	0.5	10000358
Ergocristinine	25	dried down	0.125	10000365
Ergocryptine	100	dried down	0.5	10000359
Ergocryptinine	25	dried down	0.125	10000366
Ergometrine	100	dried down	0.5	10000360
Ergometrinine	25	dried down	0.125	10002877
Ergosine	100	dried down	0.5	10000361
Ergosinine	25	dried down	0.125	10002876
Ergotamine	100	dried down	0.5	10000362
Ergotaminine	25	dried down	0.125	10000367

\* after reconstitution in 5 mL of solvent

Component	Conc.	Solvent	Amount [mL]	Item No.
<b>Mix 13</b> ( <sup>14</sup> C Aflatoxin M1)	100 ng/mL	acetonitrile	5	10006058
U-[ <sup>14</sup> C]-Aflatoxin M1		acetonitrile	1	
<b>MIX 14</b> ( <sup>14</sup> C Aflatoxins)	100 ng/mL each	acetonitrile	5	10006057
U-[ <sup>14</sup> C]-Aflatoxin B1, U-[ <sup>14</sup> C]-Aflatoxin B2, U-[ <sup>14</sup> C]-Aflatoxin G1, U-[ <sup>14</sup> C]-Aflatoxin G2		acetonitrile/water	5	10006056
<b>MIX 15</b> ( <sup>14</sup> C Fumonisin)	10 µg/mL each	acetonitrile/water	5	10006055
U-[ <sup>14&lt;/</sup>				