

Multi-Class Screening of 243 Mycotoxins by LC/MS/MS

Column: Gemini® 5 µm C18 110 Å, LC Column 150 x 4.6 mm, Ea
Dimensions: 150 x 4.6 mm ID
Order No: 00F-4435-E0
Elution Type: Gradient
Eluent A: Water/methanol 90/10, containing 5mM of ammonium acetate and 1% acetic acid
Eluent B: Water/methanol 3/97, containing 5mM of ammonium acetate and 1% acetic acid

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	100	0
	2	2	100	0
	3	14	0	100
	4	18	0	100
	5	18.01	100	0
	6	20.5	100	0

Flow Rate: 1 mL/min
Col. Temp.: 25 °C
Detection: Tandem Mass Spec (MS-MS) @ (25 °C)
Detector Info: SCIEX
Inject

Analyt

Need:

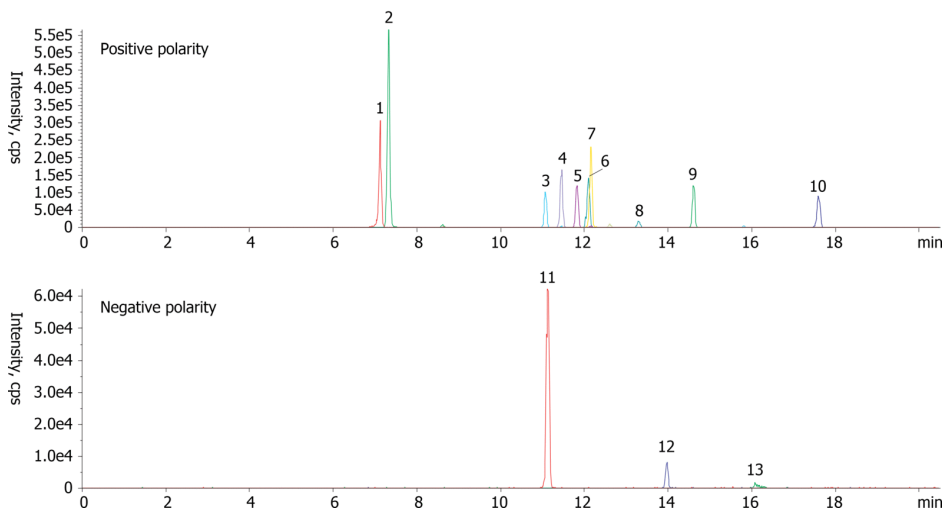
Analyst Note: This Application used iMethod™ Kit Order Number: KH0-8991
SecurityGuard™ Guard Cartridge System extends column lifetime.
- SecurityGuard Cartridges, Gemini C18 4 x 3.0mm ID, 10/PK Part No.: AJ0-7597
- Holder Part No.: KJ0-4282



Products used in this application:



20027



Multi-Class Screening of 243 Mycotoxins by LC/MS/MS

ANALYTES:

- | | | |
|--|---|---|
| 1 3-Nitropropionic acid | 41 Methysergide | 81 AAL-TA1 Toxin |
| 2 Kojic acid | 42 Puromycin | 82 Aflatoxin B2 |
| 3 Moniliformin | 43 Chlamydosporol | 83 Ergocryptine |
| 4 Ustiloxin B | 44 Verrucarol | 84 Erythromycin |
| 5 Elymoclavine | 45 15-Acetyl-deoxynivalenol | 85 Pseurotin A |
| 6 Nivalenol | 46 3-Acetyl-deoxynivalenol | 86 Cyclophenin |
| 7 Patulin | 47 Gibberellic acid | 87 Diacetoxyscirpenol |
| 8 Aspinonene | 48 Thiolutin | 88 Ergocristine |
| 9 T2-Tetraol | 49 Ergovaline | 89 Pestalotin |
| 10 Luol | 50 Fusaric acid | 90 Sulochrin |
| 11 Ustiloxin A | 51 Phomopsin B | 91 hydrolyzed fumonisin B1 |
| 12 Ustiloxin D | 52 3-Acetyl-deoxynivalenol | 92 Aflatoxin B1 |
| 13 Vancomycin | 53 Neoxaline | 93 Altenuene |
| 14 Ergine | 54 Pyrenophorol | 94 Tenuazonic acid |
| 15 Elymoclavine fructoside | 55 HC-Toxin | 95 Gliotoxin |
| 16 Cephalosporin C | 56 Aflatoxin M2 | 96 Wortmannin |
| 17 Asperlactone | 57 Pentoxifylline | 97 T2-Triol |
| 18 Decarestrictine | 58 Phomopsin A | 98 Altenuisin |
| 19 Dihydrolysergol | 59 Paraherquamide A | 99 Dechlorogriseofulvin |
| 20 Ergometrine | 60 Ergosine | 100 Roquefortine C |
| 21 Elymoclavine | 61 Chloramphenicol | 101 Radicol |
| 22 Lysergol | 62 Aflatoxin G2 | 102 Staurosporine |
| 23 Lincomycin | 63 Dihydroergosine | 103 Terphenyllin |
| 24 Deoxynivalenol | 64 Monoacetoxyscirpenol | 104 Cyclopeptide |
| 25 Deoxynivalenol-3-O-glucoside | 65 Aflatoxin M1 | 105 alpha-Zearalenol-4-O-glucoside |
| 26 Anisomycin | 66 Fulvic acid | 106 Zearalenone-4-glucoside |
| 27 Chanoclavine | 67 Ergotamine | 107 Ergocryptinine |
| 28 Aspergillimide | 68 Meleagrin | 108 Fumonisin B1 |
| 29 Aspyrone | 69 Oxaspirodion | 109 Trichostatin A |
| 30 Ergometrinine | 70 Citromycetin | 110 Cycloechinulin |
| 31 Fumigaclavine A | 71 Dihydroergotamine | 111 Cerulenin |
| 32 Tetracycline | 72 Ergocornine | 112 Curvularin |
| 33 Austdiol | 73 Ergocorninine | 113 Cytochalasin J |
| 34 Agroclavine | 74 Altersolanol | 114 Griseofulvin |
| 35 Festuclavine | 75 16-Ketoaspergillimide | 115 HT-2 |
| 36 Fusarenon-X | 76 Aflatoxin G1 | 116 Penicillin G |
| 37 Mitomycin C | 77 Cycloheximide | 117 Satratoxin G |
| 38 Neosolaniol | 78 Bacitracin | 118 Alvertoxin-II |
| 39 Penicillic acid | 79 Marcfortine A | 119 Asterric acid |
| 40 Deepoxy-deoxynivalenol | 80 beta-Zearalenol-4-O-glucoside | 120 Ochratoxin alpha |
| | | 121 Asperloxine A |
| | | 122 Brefeldin A |
| | | 123 Ergocristinine |
| | | 124 Cytochalasin D |
| | | 125 Satratoxin H |
| | | 126 Setosusin |
| | | 127 Tryprostatin A |
| | | 128 Alvertoxin-I |
| | | 129 Deoxybrevianamide E |
| | | 130 Tentoxin |
| | | 131 Fumonisin B2 |

