

MultiSep® 228 AflaPat

Clean-up column
Item no. 10001943

Intended use:

MultiSep® 228 AflaPat clean-up columns are intended for the analysis of aflatoxins B1, B2, G1, G2 and patulin in various commodities.

Commodities studied:

Grains, herbs, spices, feed, juices, purees

Recovery:

> 90 %

Variability:

< 5 %

Time for clean-up:

60 seconds

Solvents:

Acetonitrile, water (all HPLC grade)

Romer Labs recommends the use of Biopure™ reference materials.

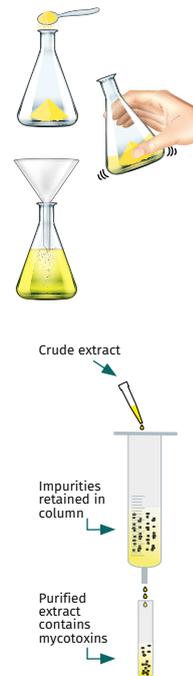
Storage: Always store at room temperature (approx. 15 – 25 °C, 59 – 77 °F) in a dry place (preferably sealed in the original packaging protected from direct light). Do not use the clean-up columns beyond the expiration date.

IMPORTANT: Download certificate of analysis by scanning the QR code on the external label or by visiting <https://www.romerlabs.com/en/customer-resources/>

Mycotoxins



- 1 Weigh 25 g of a representative ground sample
- 2 Add 100 mL 84/16 (v/v) acetonitrile/water
- 3 Blend for 3 min or shake for 30 min
- 4 Filter or centrifuge supernatant
- 5 For juices or purees to be analyzed for patulin: Dilute with acetonitrile to 75/25 acetonitrile/juice
- 6 Apply 6 mL of extract to the MultiSep® 228
- 7 Evaporate 4 mL of eluate to near dryness (use silanized glass-ware to prevent adsorption of patulin)
- 8 Re-dissolve in 400 µL mobile phase
- 9 Inject



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Special notes for column use:

- The packing in the columns may shift or settle during the shipping process. If this occurs, before using the column, push the frit firmly onto the packing material using a blunt object such as an unsharpened wooden pencil.
- MultiSep® columns are designed for single use only. Any improper use or reuse of the columns may affect the reliability of the results.
- Application notes for the use of MultiSep® columns have been developed by Romer Labs and are available on request. It is the responsibility of the user to validate any other methodology for the use of MultiSep® columns.

Disclaimer/Warranty:

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You can find worldwide contact information and learn more about our complete line of products for mycotoxin testing on our website.