

MycoSep® 228 AflaPat

Clean-up column
Item no. 10001955

Mycotoxins



Intended use:

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

Commodities studied:

Silages, herbs, spices, feed, juices, purees

Recovery:

> 90 %

Variability:

< 5 %

Time for clean-up:

30 seconds

Solvents:

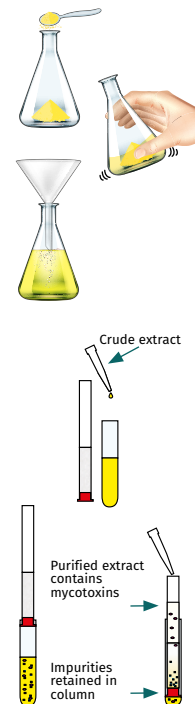
Acetonitrile, water (all HPLC grade)

Romer Labs recommends the use of Biopure™ isotope labeled internal standards.

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/>

- 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 analysed for patulin: Dilute with acetonitrile to 75/25 acetonitrile/juice
- 6 Transfer 8 mL to the glass tube
- 7 Push trough MycoSep® 228
- 8 Remove 4 mL, evaporate to near dryness (use silanized glass-ware to prevent adsorption of patulin)
- 9 Re-dissolve in mobile phase
- 10 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.
- After transferring the sample into the culture tube, place the column firmly into the top portion of the tube. You may tilt the tube slightly to wet the sides of the culture tube with the sample extract. This makes it easier to push the column into the tube.
- MycoSep® columns are designed for single use only. Any improper use or reuse of the columns may affect the reliability of the results.
- Culture tubes used for most MycoSep® columns are 15 x 85 mm (12 x 75 mm tubes are used for 112, 113 and 150 MycoSep® columns).
- Application notes for the use of MycoSep® products that have been developed by Romer Labs are available on request. It is the responsibility of the user to validate any other methodology for the use of MycoSep® products.

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.