

MycoSep[®] 150 Ergot

Clean-up column
Item no. 10001950

Intended use:

MycoSep[®] 150 Ergot clean-up columns are intended for the analysis of ergot alkaloids in various commodities.

Commodities studied:

Wheat, rye, sorghum, ryegrass

Recovery:

> 90%

Variability:

< 5%

Time for clean-up:

30 seconds

Solvents:

Acetonitrile, ammonium carbonate solution (all HPLC grade)

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

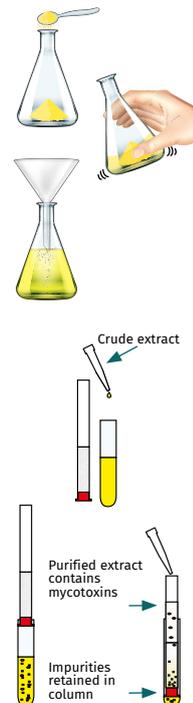
Storage: Always store at room temperature (approx. 15 – 25 °C, 59 – 77 °F) in a dry place (preferably sealed in the original packaging protected from direct light). Do not use the clean-up columns beyond the expiration date.

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

Mycotoxins



- 1 Weigh 20 g of a representative ground sample
- 2 Add 100 mL 84/16 acetonitrile/ammonium carbonate solution (200 mg/L in water) (v/v)
- 3 Shake for 30 minutes
- 4 Filter or centrifuge supernatant
- 5 Transfer 4 mL to the glass tube
- 6 Push through MycoSep[®] 150 until approx. 1.5 mL can be removed
- 7 Remove 1 mL, evaporate to near dryness
- 8 Re-dissolve in 500 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.
- 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® columns 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® 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.