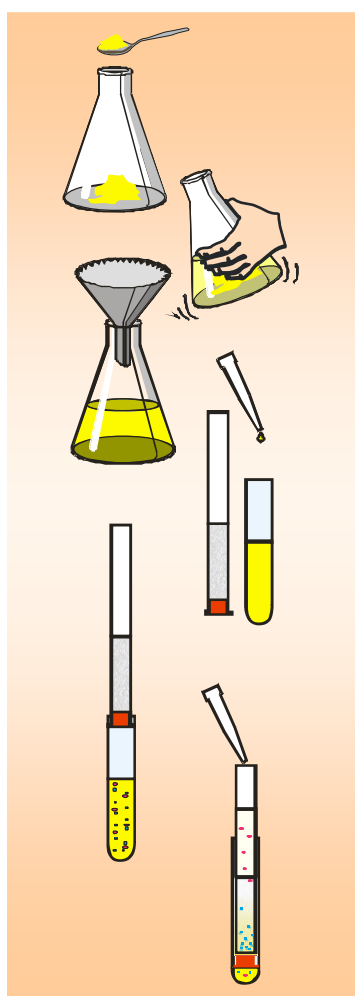


Clean-up for Aflatoxin (B1, B2, G1, G2) and Patulin

MycoSep® 228 AflaPat Push-through format

To shorten the time-consuming clean-up process for analysis of aflatoxin, Romer® Labs has developed a **one-step clean-up** column for this group of mycotoxins. The MycoSep®228 AflaPat column contains a combination of adsorbents that was designed for complex commodities. The column can be used for clean-up of aflatoxin B1, B2, G1 and G2 from very complex commodities like herbs and spices, or for clean-up of patulin from juices and purees. The column is available in two formats, the MultiSep® syringe format and the MycoSep® push-through format and both have been intensively studied. Detailed application briefs are available.

The following briefly describes an example of a general procedure for MycoSep®228 AflaPat (For detailed application briefs, see www.romerlabs.com):



In case of complex matrices analysed for Aflatoxins:

Grind and weigh 25g of sample



Add 100mL 84+16 AcN+H₂O, blend for 3 minutes, or shake for 30 minutes, Filter supernatant



In case of juices or purees analysed for patulin:

Dilute juice with acetonitrile to 75+25 acetonitrile+juice



Transfer 8mL to the glass tube,



Push all through MycoSep®228 AflaPat



Remove 4mL, evaporate to dryness



Redissolve in 400µl mobile phase



Analyze

Commodities studied:

- silages
- herbs
- spices
- feed
- food
- juices
- purees

Recovery:

>90%

Variability:

<5%

Time for clean up:

30 seconds

MycoSep® 228 AflaPat columns
Order No.: **COCMY2228**
Box of 25

Romer Labs, Inc. – America

1301 Stylemaster Drive
Union, MO 63084-1156 USA
Tel: +1 636 583 8600
Fax: +1 636 583 2340
E-Mail: office@romerlabs.com

Romer Labs Singapore Pte. Ltd.

3791 Jalan Bukit Merah, #08-08
E-Centre@redhill, Singapore 159471
Tel: +65 6275 5432
Fax: +65 6275 5584
E-Mail: salesasia@romerlabs.com

Romer Labs Diagnostic GmbH

Industriestrasse 21
A-3130 Herzogenburg, Austria
Tel: +43 2782 803 0
Fax: +43 2782 330 550
E-Mail: office-europe@romerlabs.com