



MYCOTOXINS

MycoSep® & MultiSep®

Mycotoxin Columns

In order to shorten the sample clean-up process, Romer Labs has developed a product portfolio of 1-step clean-up columns for different groups of mycotoxins.



How 1-step clean-up columns work

MycoSep® and MultiSep® columns contain packing materials made of adsorbent mixes designed for all relevant food and feed commodities. They allow a 1-step clean-up within 30 seconds. High sample throughput can be achieved with these cost efficient clean-up columns that are part of official AOAC and CEN methods.



MycoSep®

The MycoSep® clean-up column is pushed into a test tube containing the sample extract, forcing the extract to filter upwards through the packing material of the column.

The interferences adhere to the chemical packing in the column and the purified extract containing the analytes of interest, passes through the column.



MultiSep®

The sample extract is applied on top of the MultiSep® clean-up column, allowing the extract to pass through the packing material of the column either by gravity or by applying vacuum or positive pressure. The interferences adhere to the chemical packing in the column and the purified extract, containing the analytes of interest, can be collected in a suitable vessel.

CUSTOMER BENEFITS

Saving time & efforts

- Extremely easy and fast to use
- 2 different formats available
- Stable for 18 months
- Recoveries > 90 %

Comply with external standards

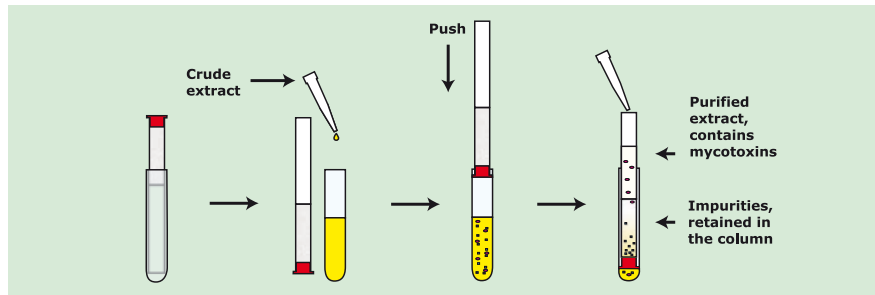
- Part of AOAC and CEN methods

Unique principle

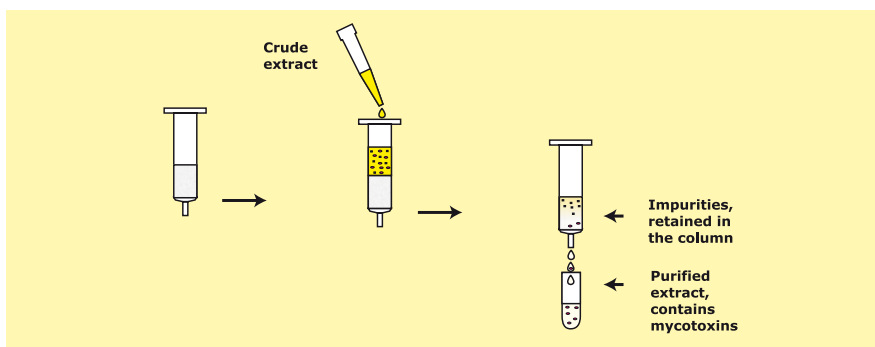
- Interferences are retained, the analyte passes through the column

MycoSep® & MultiSep®

Read the Package Insert instructions completely before performing any test.



**MycoSep®
principle**



**MultiSep®
principle**

Ordering Information – Romer Labs 1-step clean-up columns

Product	Description	Item Number
MycoSep® 113 Trich	Trichothecenes, Type A & B	COCMY2113
MycoSep® 225 Trich	Trichothecenes, Type A & B	COCMY2225
MultiSep® 225 Trich	Trichothecenes, Type A & B	COCMU2225
MycoSep® 227 Trich+	Trichothecenes, Type A & B	COCMY2227
MultiSep® 227 Trich+	Trichothecenes, Type A & B	COCMU2227
MycoSep® 230 Niv	Nivalenol	COCMY2230
MultiSep® 216	Trichothecenes, Type A & B	COCMU2216
MycoSep® 112 AflaZon	Aflatoxins B1,B2,G1,G2, ZON, Zearalenol, Zearalanol	COCMY2112
MycoSep® 224 AflaZon	Aflatoxins B1,B2,G1,G2, ZON, Zearalenol, Zearalanol	COCMY2224
MultiSep® 224 AflaZon	Aflatoxins B1,B2,G1,G2, ZON, Zearalenol, Zearalanol	COCMU2224
MycoSep® 226 AflaZon+	Aflatoxins B1,B2,G1,G2, ZON, Zearalenol, Zearalanol	COCMY2226
MultiSep® 226 AflaZon+	Aflatoxins B1,B2,G1,G2, ZON, Zearalenol, Zearalanol	COCMU2226
MycoSep® 228 AflaPat	Aflatoxin B1,B2,G1,G2, Patulin	COCMY2228
MultiSep® 228 AflaPat	Aflatoxin B1,B2,G1,G2, Patulin	COCMU2228
MycoSep® 229 Ochra	Ochratoxin A	COCMY2229
MultiSep® 229 Ochra	Ochratoxin A	COCMU2229
MycoSep® 231 Fum	Fumonisin B1, B2, B3	COCMY2231
MultiSep® 211 Fum	Fumonisin B1, B2, B3	COCMU2211
MycoSep® 150 Ergots	Ergot Alkaloids	COCMY2150
MycoSep® 240 Mon	Moniliformin	COCMY2240

all boxes contain 25 columns