

TC-O130 Ochratoxin Column

Rapid chromatography clean-up for the detection of Ochratoxin A by use of HPLC, and other detection methods.

General Information:

The packing material used in the PuriTox column is contained in a polypropylene reservoir barrel. The TC-F120 is a gravity flow column which may be used with a vacuum manifold system. The large reservoir barrel allows for increased sample extract to be placed on each column. Each column is easily identifiable with a yellow stripe at the neck of each barrel.

Recovery of Ochratoxin A in grain and feed samples using the TC-O130 PuriToxSR columns is 80%.

Instructions for Use:

The TC-O130 PuriTox column is used during the purification process for the detection of Ochratoxin A. Make sure all method instructions are used during testing. The following instructions are to be used during the purification phase only.

Materials Provided:

- 25 TC-O130 PuriTox columns
- Instruction Manual

Equipment Needed (not provided):

- Test Tube
- Micropipette
- Vacuum Manifold

Procedure:

1. For each sample use a new column.
2. Connect PuriTox column to vacuum manifold apparatus.
3. Pipette sample and solvents according to your method instructions or SOP into a separate test tube.
4. Pour this solution into the top of the PuriTox column. Let solution drain through the column.
5. Rinse column with appropriate wash solution according to your method instructions, let wash solution drain through the column.
6. After rinsing, place a clean test tube within the side-arm flask with the needle inside the test tube for collection.
7. Elute the PuriTox column with the appropriate solvent according to your method instructions or SOP and let drain through to the test tube.
8. Remove column and dispose of in proper receptacle.
9. Evaporate the purified extract and wash solution to dryness per method instructions or SOP.
10. Reconstitute the dried sample per method instructions or SOP and perform the chromatography analysis.

See reverse side for instruction diagram.

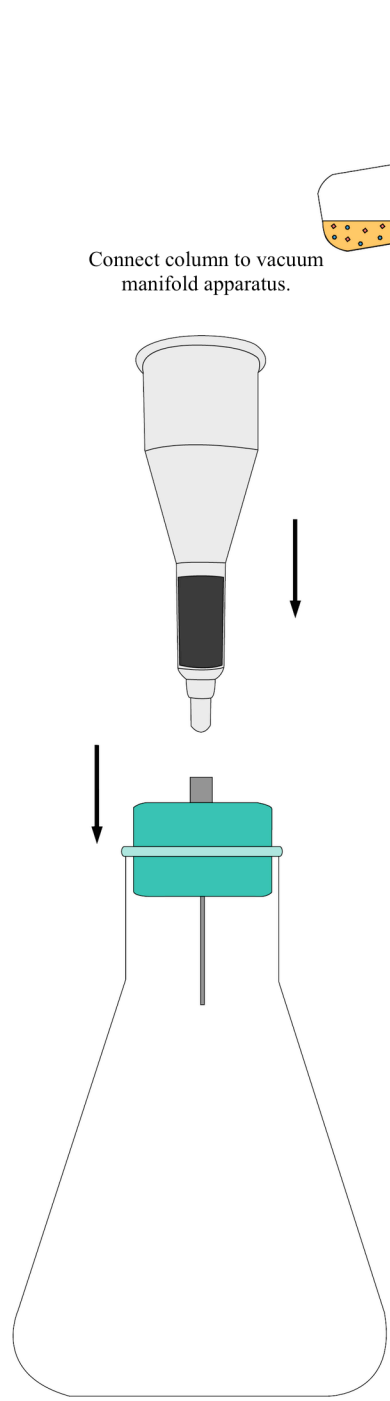
Customer Support:

Customer support for any PuriTox Column is available from Trilogy Analytical Laboratory. Mycotoxin methods are available upon request.

Trilogy Analytical Laboratory
870 Vossbrink Dr.
Washington, MO 63090

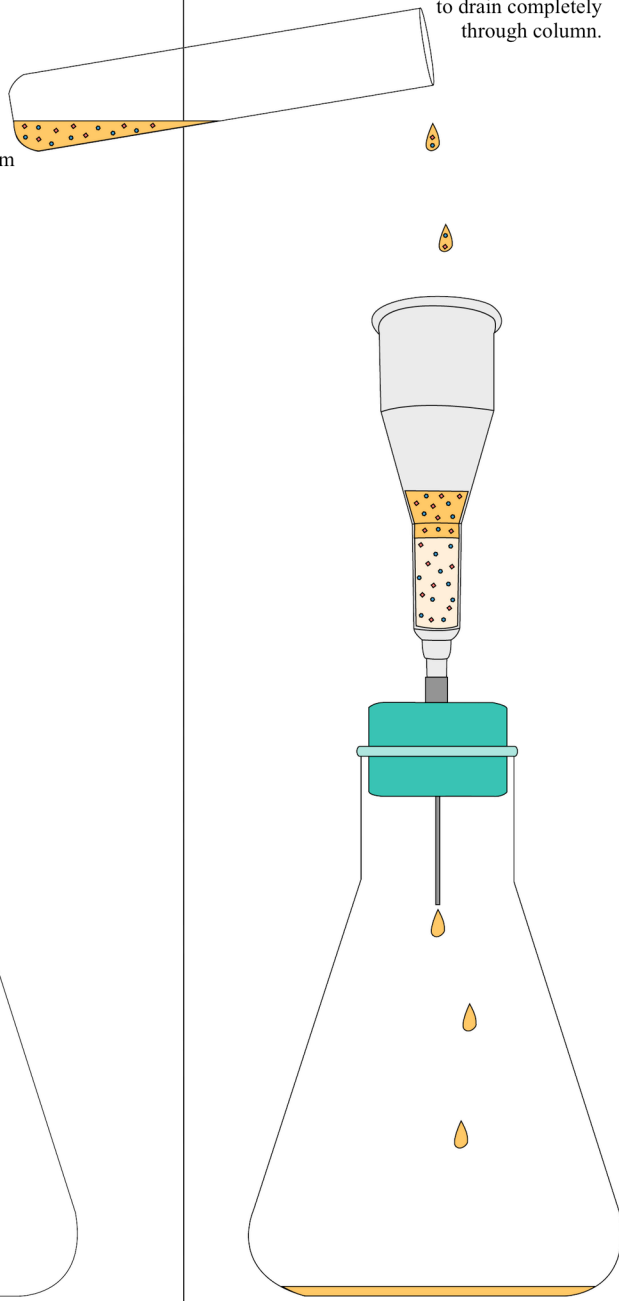
Phone: (636) 239-1521
Fax: (636) 239-1531
trilogylab.com



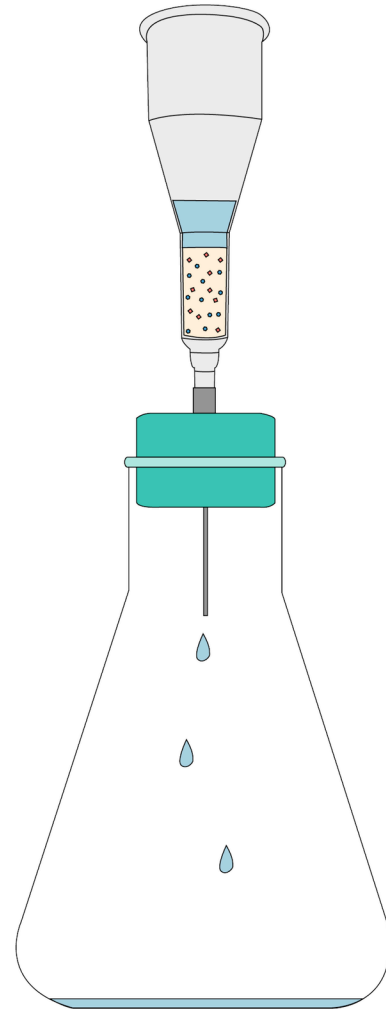


*vacuum manifold styles will vary

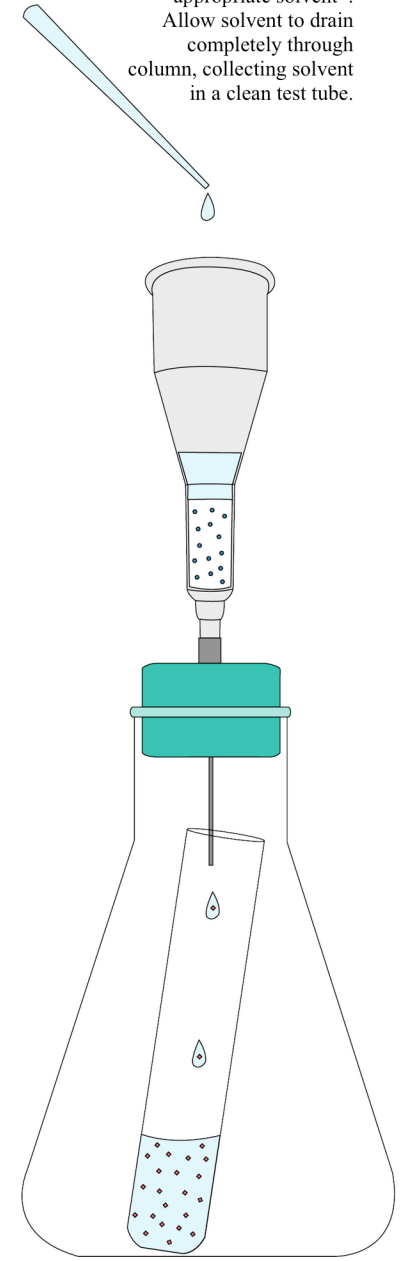
Pour sample and solvent solution* into top of column. Allow solution to drain completely through column.



Rinse column with appropriate wash solution*. Allow wash solution to drain completely through column.



Elute the column with the appropriate solvent*. Allow solvent to drain completely through column, collecting solvent in a clean test tube.



- - impurities
- ◆ - toxins

*Please refer to written instructions for further information.