

PuriTox Fumonisin Column

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

Specification and Instruction Guide

PURITOX FUMONISIN PURIFICATION COLUMNS



SPECIFICATIONS

Product Number: TC-F120
Package: 25 units
Makeup: solid phase powder mixture contained in plastic syringe

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 in each column. Each column is easily identifiable with a pink strip at the neck of each barrel.

Instructions for Use

1. For each sample use a new column.
2. Connect PuriTox column to vacuum manifold apparatus.
3. The PuriTox column must be preconditioned before use. Rinse column with 5 ml of methanol followed by 5 ml of 3/1 methanol/water. Flow rate should be approximately 1 ml/minute.
4. Check the pH of each sample extract with a pH strip prior to analysis. The pH of each sample should be within a 6 - 9 range for optimum recovery through the column.
5. After the column has been preconditioned and sample extract is within the 6 - 9 range, pipette sample and solvents according to your method instructions or SOP into a separate test tube.
6. Pour this solution into the top of the PuriTox column. Let solution drain through the column.
7. Rinse column with appropriate wash solution according to your method instructions, let wash solution drain through the column.
8. After rinsing, place a clean test tube within the side-arm flask with the needle inside the test tube for collection.
9. Elute the PuriTox column with the appropriate solvent according to your method instructions or SOP and let drain through to the test tube.

10. Remove column and dispose of in proper receptacle.
11. Evaporate the purified extract to dryness per method instructions.
10. Derivatize the dried sample per method instructions or SOP and perform the chromatography analysis.

See reverse for visual instructions.

Customer Support

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

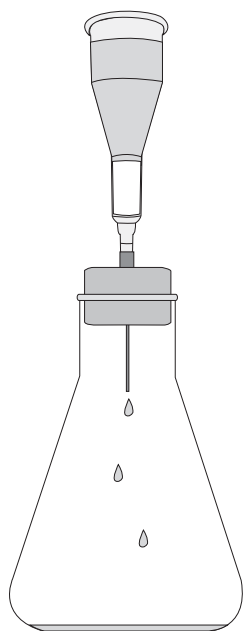
Video demonstrations for all PuriTox Columns, MSDS, and more information are all available on www.trilogylab.com.



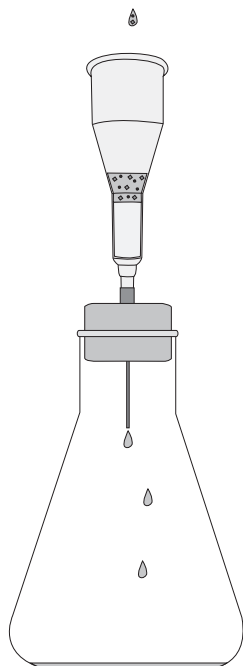
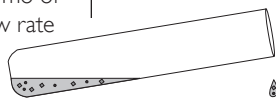
Trilogy Analytical Laboratory
870 Vossbrink Dr.
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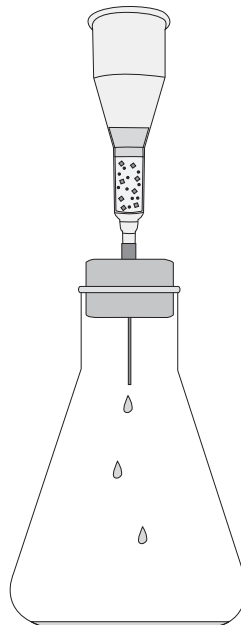
Connect column to vacuum apparatus, precondition column by rinsing with 5 ml of methanol followed by 5 ml of 3/1 methanol/water. Flow rate should be 1 ml/minute (vacuum styles will vary).



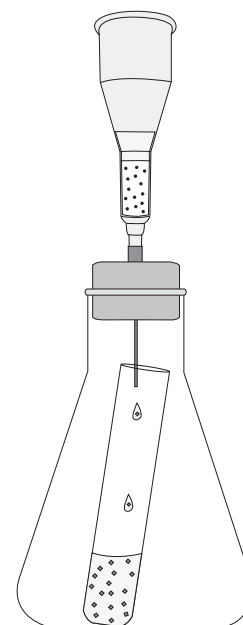
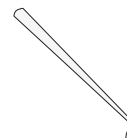
Pour sample and solvent solution* into top of column. Allow solution to drain completely through column.



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.



*refer to written instructions for detailed instructions.

- ◆ toxins
- impurities