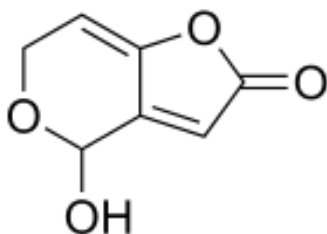


QuickClean PAT

spin columns for sample preparation



Patulin (PAT)

Background

aokinQuickCleanPAT columns allow a rapid and easy clean up of pomaceous fruit samples, for example apples and pears. The columns minimize matrix effects and are used prior to determining Patulin (PAT). They can be utilized in combination with all common analytical methods such as GC-MS and HPLC.

Process

1. Extraction of 25 g samples with 100 mL Acetonitrile
2. Add 500 µl sample onto spin column and centrifuge for 2 minutes at 5000 g.
Optional step: use eluate of first spin column and pipette onto new column, centrifuge again
3. Purified extract can be used directly for the analytical step

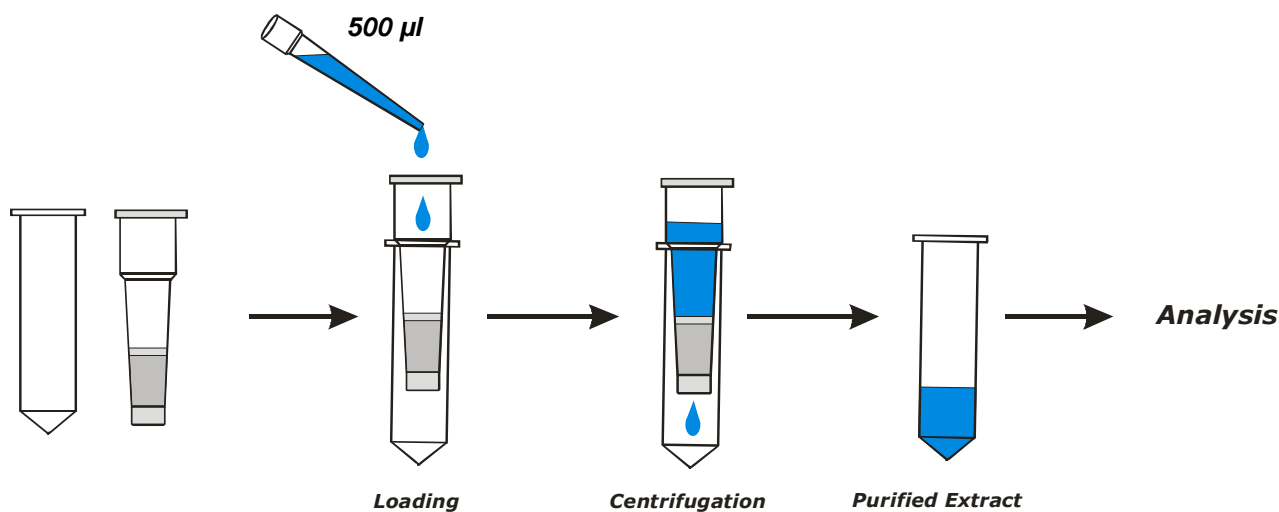


Fig. 1 Purification and concentration of mycotoxin extracts using the **aokin QuickClean** spin column.

Extraction solvent

Acetonitrile

Recommended procedure

Volume for loading the spin column	500 µL extract
g-force (centrifuge)	5000 g, 2 min
recovery rate for Patulin (PAT)	> 90 % (for apples and pears)