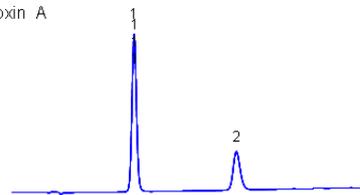


HPLC Analysis of Zearalenone and Ochratoxin A on Primesep B2 Mixed-Mode Column

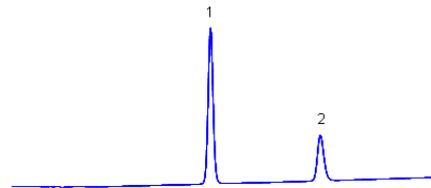
Separation of Zearalenone and Ochratoxin A

1. Zearalenone
2. Ochratoxin A

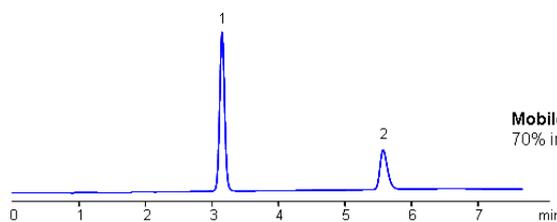
Column: Primesep B2
Size: 4.6 x 50 mm
Flow: 1.0 mL/min
Detection: UV 250 nm



Mobile phase: gradient MeCN from 50% to 70% in 5 min, 5 min hold, 0.3% Formic acid



Mobile phase: gradient MeCN from 40% to 70% in 5 min, 5 min hold, 0.3% Formic acid



Mobile phase: gradient MeCN from 40% to 70% in 5 min, 5 min hold, 0.1% Formic acid

Zearalenone and Ochratoxin A are harmful mycotoxins commonly found in grains and other foods. They were separated using the Primesep B2 reversed-phase anion-exchange mode column. Retention can be controlled by adjusting concentration of both acetonitrile and buffer.

Method Parameters

| | |
|---------------------|--------------------------------------|
| Column | Primesep B2, 4.6x150 mm, 5 µm, 100 Å |
| Mobile Phase | MeCN/H ₂ O |
| Buffer | Formic Acid |
| Flow Rate | 1.0 mL/min |
| Detection | UV, 250 nm |

Quelle:

https://sielc.com/HPLC_Analysis_of_Zearalenone_and_Ochratoxin_A_on_Primesep_B2_Mixed-Mode_Column