

HPLC Application

ID No.: 25472

Aloe Emodin, Eugenol Methyl Ether, and Aloins (A and B) from Aloe Standards Screen on Kinetex 2.6u PS C18 50

Column: Kinetex[®] 2.6 μm PS C18 100 Å, LC Column 50 x 4.6 mm, Ea

Dimensions: 50 x 4.6 mm ID

Order No: 00B-4780-E0

Elution Type: Gradient

Eluent A: 0.1% Formic Acid in Water

Eluent B: 0.1% Formic Acid in MeOH

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
| | 1 | 0 | 75 | 25 |
| | 2 | 0.5 | 75 | 25 |
| | 3 | 5 | 20 | 80 |
| | 4 | 7 | 20 | 80 |
| | 5 | 7.1 | 75 | 25 |
| | 6 | 9 | 75 | 25 |

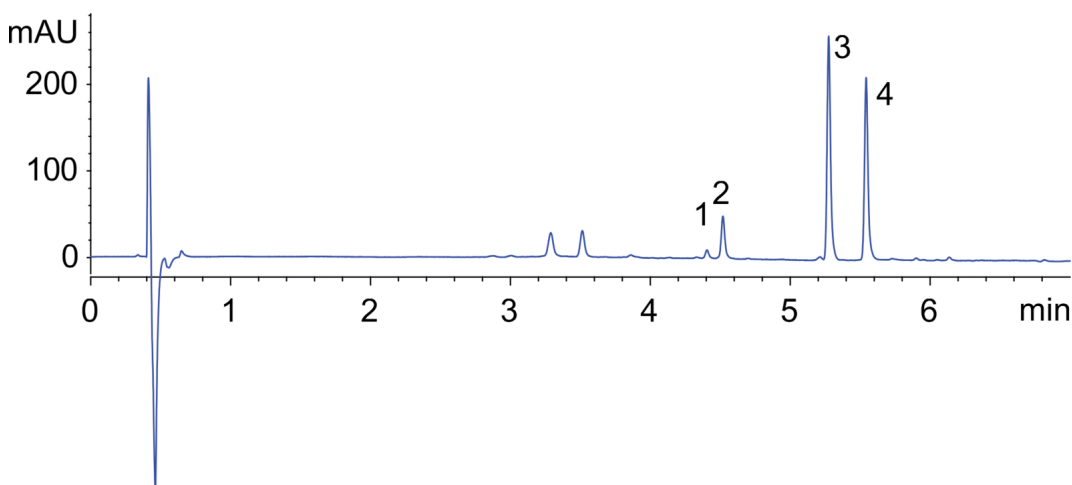
Flow Rate: 1.2 mL/min

Col. Temp.: 30 °C

Detection: LC/UV (DAD, PDA) @ 220.000000000 nm (nanometers) (30 °C)
25472



Products used in this application:



ANALYTES:

- 1** Aloin A
Retention Time: 4.405 min
- 2** Aloin B
Retention Time: 4.519 min
- 3** Methyl Eugenol
Retention Time: 5.275 min
- 4** Aloe Emodin
Retention Time: 5.543 min

