

HPLC Application

ID No.: 19467

Veterinary Drugs in Horse Urine on Luna 3µm C18(2) 100x4.6mm

Column: Luna® 3 µm C18(2) 100 Å, LC Column 100 x 4.6 mm, Ea

Dimensions: 100 x 4.6 mm ID

Order No: 00D-4251-E0

Elution Type: Gradient

Eluent A: 0.1% Phosphoric Acid in Water

Eluent B: 0.1% Phosphoric Acid in Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
| | 1 | 0 | 70 | 30 |
| | 2 | 4 | 50 | 50 |
| | 3 | 7.5 | 30 | 70 |
| | 4 | 9 | 5 | 95 |
| | 5 | 10 | 70 | 30 |

Flow Rate: 1.5 mL/min

Col. Temp.: 25 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 230 nm (ambient)

Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C18 4 x 3.0mm ID, 10/Pk Part No.: AJ0-4287

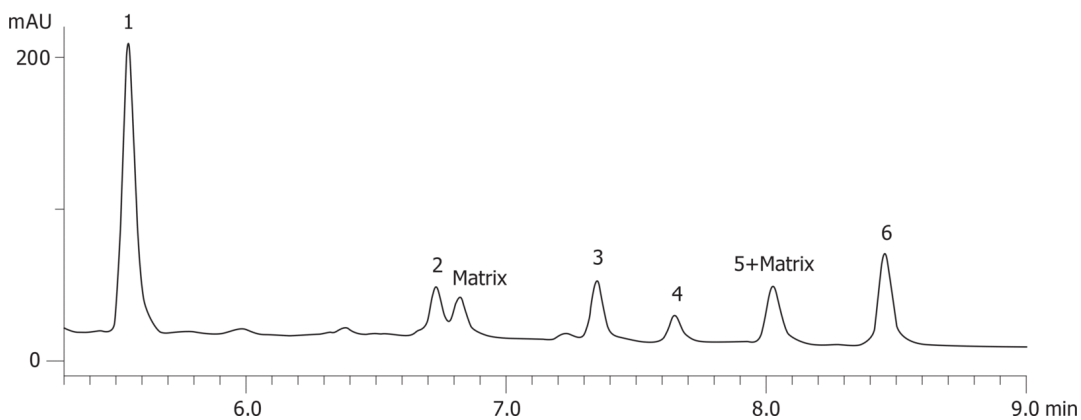
- Holder Part No.: KJ0-4282



Products used in this application:



19467



ANALYTES:

- 1 Naproxen
- 2 Fenoprofen
- 3 Ibuprofen
- 4 Phenylbutazone
- 5 Indomethacin
- 6 Meclofenamic acid
- 7 matrix impurity
- 8 matrix impurity

