

Determination of Sulfa Drugs III

Method VPH0036J
HPLC RP Mode

Column: Eurospher II 100-3 C18A, 150 x 3 mm ID

Order No. 15CE184E2G

Phase: Eurospher II 100-3 C18A

Conditions: Eluent: A: 0.2 g NaH₂PO₄ pH 4 B: ACN
Gradient: 0 – 6.1 min 8 % B
6.1 – 10.1 min 8 - 40 % B
10.1 – 13.5 min 40 % B
Flow rate: 1 ml/min
Temperature: 50 °C
Volume: 10 µl

Detection: UV, 265 nm (20 Hz, 0.05 s)

Substances: Sulfadiazine, Sulfamethiazole, Sulfamethoxypyridazine, Sulfamethoxazole, Sulfadimethoxine

Keywords: Sulfa Drugs, Antibiotics

Chromatogram:

- 1 Sulfadiazine,
- 2 Sulfamethiazole,
- 3 Sulfamethoxypyridazine
- 4 Sulfamethoxazole,
- 5 Sulfadimethoxine

