

Separation of Sulfa drugs I

Method
HPLC

VPH0032J
RP Mode

Column: ProntoSIL 120-5 C18 ace-EPS, 150 x 4.6 mm ID

Order No. 15EF18APSJ

Phase: ProntoSIL 120-5 C18 ace-EPS

Conditions: Eluent: Methanol / Water / Acetic acid (20:79:1) with
6 g/l Ammonium acetate and 1.5 g/l Sulfuric acid
Gradient: isocratic
Flow rate: 1.0 ml/min
Temperature: 25 °C
Volume: 3 µl

Detection: UV at 254 nm

Substances: Sulfanilamide, Sulfadiazine, Sulfathiazole, Sulfamerazine, Sulfamethazine

Keywords: Sulfa drugs

Chromatogram:

1. Sulfanilamide
2. Sulfadiazine
3. Sulfathiazole
4. Sulfamerazine
5. Sulfamethazine

