

Quality control mixture of Acetyl cystein

Method
HPLC

VPH0007J
RP Mode

Column: Eurospher 100-5 C18, 250 x 4.0 mm ID

Order No. 25DE181ESJ

Phase: Eurospher 100-5 C18

Conditions: Eluent: 1.6 g Heptansulfonic acid in 960 ml Water (pH with H₃PO₄ 85%) and 40 ml MeOH
Gradient: isocratic
Flow rate: 0.6 ml/min
Temperature: 25 °C
Volume: 10 µl

Detection: UV at 240 nm (Ascorbic acid); UV at 216 nm

Substances: Ascorbic acid, Citric acid, Adipic acid, Acetyl cysteine (ACC), Cysteine

Keywords: Organic acids, Cysteine, ACC

Chromatogram:

1. Ascorbic acid
2. Citric acid
3. Adipic acid
4. Acetyl cysteine
5. Cysteine

