

Separation of Engelhardt Mixture

Method VEV0015J
HPLC RP Mode

Column: Eurospher II 100-5 C18, 150 x 2.0 mm ID

Order No. 15BE181E2J

Phase: Eurospher II 100-5 C18

Conditions: Eluent: A: Water
B: ACN
Gradient: 30% B – 90% B 0 - 20 min (2 min hold)
Flow rate: 0.2 ml/min
Temperature: 40 °C
Volume: 1 µl

Detection: UV, 254 nm

Substances: Aniline, Benzoic acid ethylester, Ethylbenzene, p-Ethylaniline, N,N-Dimethylaniline, Phenol, Toluene, Uracil

Keywords: Engelhardt Mixture, Column Selectivity ,

Chromatogram:

- 1 Uracil
- 2 Aniline
- 3 Phenol
- 4 p-Ethylaniline
- 5 N,N-Dimethylaniline
- 6 Benzoic acid ethylester
- 7 Toluene
- 8 Ethylbenzene

