

Separation and determination of Opium Alkaloids

Method
HPLC

VPH0008J
RP Mode

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

Order No. 25DE181ESJ

Phase: Eurospher 100-5 C18

Conditions: Eluent: 1% Ammonium acetate pH 5.8 / Acetonitrile (65:35)
Gradient: isocratic
Flow rate: 1.5 ml/min
Temperature: 25 °C
Volume: 20 µl

Detection: UV at 254 nm

Substances: Morphine, Codeine, Cryptopine, Thebaine, Papaverine, Narcotine

Keywords: Alkaloids

Chromatogram:

1. Morphine
2. Codeine
3. Cryptopine
4. Thebaine
5. Papaverine
6. Narcotine

