

Chiral separation of n-Methylephedrin (2-Dimethylamino-1-Phenyl-Propanol)

Method
HPLC

VCR0034J
Chiral HPLC

Column: Eurocel 01 5 μ m, 250 x 4.6 mm ID

Order No. 25EM370ECJ

Phase: Eurocel 01, 5 μ m

Conditions: Eluent: n-Heptane / 2-Propanol (80:20) + 0.1% DEA
Gradient: isocratic
Flow rate: 1.0 ml/min
Temperature: 25 °C
Volume: 10 μ l

Detection: UV at 210 nm

Substances: N-Methylephedrin (2-Dimethylamino-1-Phenyl-Propanol)

Keywords: amphetamine, chiral separation, Eurocel 01, cellulose based chiral selector

Chromatogram:

$k'1 = 0.88$

$k'2 = 1.25$

$\alpha = 1.42$

