

Chiral separation of Ethyl-Mandelate

Method
HPLC

VCR0027J
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: Hexane / 2-Propanol (90:10)
Gradient: isocratic
Flow rate: 1.0 ml/min
Temperature: 25 °C
Volume: 10 μ l

Detection: UV at 220 nm

Substances: Ethyl-Mandelate

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

Chromatogram:

$k'1 = 1.10$

$k'2 = 2.32$

$\alpha = 2.11$

