

Chiral separation of Benzoin (α -Hydroxy- α -Phenylacetophenon)

Method VCR0012J
HPLC 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-Hexane / 2-Propanol (90:10)
Gradient: isocratic
Flow rate: 1.0 ml/min
Temperature: ambient
Volume: 10 μ l

Detection: UV at 254 nm

Substances: Benzoin, (α -Hydroxy- α -Phenylacetophenon)

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

Chromatogram:

$k'1 = 7.18$

$k'2 = 11.33$

$\alpha = 1.58$

