

Chiral separation of Carazolol II

Method
HPLC

VCR0056J
Chiral HPLC

Column: Eurocel 04, 250 x 4.6 mm ID
with precolumn

Order No. 25VM480ECJ

Phase: Eurocel 04, 5 μm

Conditions: Eluent: Methanol / Water 80:20 (v/v) + 0.1% TFA
Gradient: isocratic
Flow rate: 1.0 ml/min
Temperature: 20 $^{\circ}\text{C}$
Volume: 10 μl

Detection: UV at 240 nm

Substances: Carazolol, 1-(9H-carbazol-4-yloxy)-3-(propan-2-ylamino)propan-2-ol,

Keywords: chiral separation, Eurocel 04, cellulose based chiral selector, Carazolol

Chromatogram:

$k'1 = 0.97$

$k'2 = 1.56$

$\alpha = 1.6$

