

Chiral separation of Warfarin (4-Hydroxy-3-(3-Oxo-1-Phenyl-Butyl)-Cumarin)

Method VCR0048J
HPLC Chiral HPLC

Column: Eurocel 01 5 μm , 250 x 4.6 mm ID

Order No. 25EM370ECJ

Phase: Eurocel 01, 5 μm

Conditions: Eluent: Acetonitrile / Water (50:50) + 0.1% TFA
Gradient: isocratic
Flow rate: 1.0 ml/min
Temperature: 25 $^{\circ}\text{C}$
Volume: 10 μl

Detection: UV at 270 nm

Substances: Warfarin (4-Hydroxy-3-(3-Oxo-1-Phenyl-Butyl)-Cumarin)

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

Chromatogram:

$k'1 = 2.88$

$k'2 = 4.39$

$\alpha = 1.53$

