

## Chiral separation of Lactic Acid

**Method** VCR0032J  
**HPLC** Chiral HPLC

**Column:** Eurocel 01 5  $\mu\text{m}$ , 250 x 4.6 mm ID

**Order No.** 25EM370ECJ

**Phase:** Eurocel 01, 5  $\mu\text{m}$

**Conditions:** Eluent: Heptane / 2-Butanole (95:5) + 0.1% TFA  
Gradient: isocratic  
Flow rate: 1.0 ml/min  
Temperature: 25 °C  
Volume: 10  $\mu\text{l}$

**Detection:** UV at 210 nm

**Substances:** Lactic acid

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

### Chromatogram:

$k'1 = 2.99$

$k'2 = 3.47$

$\alpha = 1.16$

