

## Chiral separation of Flavanone (2-Phenyl-1,4-Benzopyrone)

**Method**  
HPLC

VCR0029J  
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: n-Heptane / 2-Propanol (90:10)  
Gradient: isocratic  
Flow rate: 1.0 ml/min  
Temperature: 25 °C  
Volume: 10  $\mu\text{l}$

**Detection:** UV at 254 nm

**Substances:** Flavanone (2-Phenyl-1,4-Benzopyrone)

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

**Chromatogram:**

$k'1 = 1.41$

$k'2 = 1.83$

$\alpha = 1.30$

