

Separation of Maltooligosaccharides by HILIC

Method VFD0120J
HPLC

Column: Eurospher II 100-3 NH₂, 100 x 3 mm ID

Order No. 10CE190E2G

Conditions: Eluent: 30 % Water 70 % Acetonitrile
Gradient: isocratic
Flow rate: 1.5 ml/min
Temperature: 30 °C
Volume: 5 µL

Detection: Refractive Index (RI)

Substances: Glucose, Maltose, Maltotriose, Maltotetraose and Maltopentose dissolved in 50% Acetonitrile

Keywords: Glucose, Maltose, Maltooligosaccharide, HILIC, Amino phase

Chromatogram:

* Injection Peak

1 Glucose (G1) 5 mg/mL

2 Maltose (G2) 5 mg/mL

3 Maltotriose (G3) 5 mg/mL

4 Maltotetraose (G4) 5 mg/mL

5 Maltopentose (G5) 5 mg/mL

