

Separation of Alcohols, Carbohydrates and Organic acids I

Method VFD0022J
HPLC

Column: Eurokat H, 300 x 8 mm ID

Order No. 30GX340EKN

Phase: Eurokat H, 10 µm (polymer phase)

Conditions: Eluent: 0.01 N H₂SO₄
Gradient: isocratic
Flow rate: 0.5 ml/min
Temperature: 75 °C
Volume: 20 µl

Detection: Refractive Index (RI)

Substances: Isomalt, Lactide, Gluconic acid, Mannitol, Xylitol, Threitol, Glycerine, Acetic acid, Ethylene glycol, 1,2- Propandiol, Methanol, Ethanol

Keywords: Carbohydrates, Alcohols, Organic acids, Eurokat H

Chromatogram:

1. Isomalt
2. Lactite
3. Gluconic acid
4. Mannitol
5. Xylitol
6. Threitol
7. Glycerine
8. Acetic acid
9. Ethylene glycol
10. 1,2- Propandiol
11. Methanol
12. Ethanol

