

Separation of Isomaltulose (Palatinose) and Isomalt

Method VFD0104J
HPLC

Column: Eurokat Pb, 10 µm, 300 x 8 mm ID

Order No. 30GX350EKN

Phase: Eurokat Pb, 10 µm

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

Detection: Refractive Index (RI)

Substances: Isomaltulose (Palatinose), Isomalt

Keywords: Palatinose, Isomaltulose, Isomalt, 6-O- α -D-glucopyranosido-D-sorbitol (GPS), 1-O- α -D-glucopyranosido-D-mannitol-dihydrate (GPM)

Chromatogram:

- 1 Isomaltulose (Palatinose)
- 2 1-O- α -D-glucopyranosido-D-mannitol-dihydrate (GPM)
- 3 6-O- α -D-glucopyranosido-D-sorbitol (GPS)

