

Ion pair chromatography of Alkyl Sulphates and Alkyl Sulphosuccinates

Method VEV0010J
HPLC RP Mode

Column: Eurospher 100-5 C18, 250 x 4.0 mm ID

Order No. 25DE181ESJ

Phase: Eurospher 100-5 C18

Conditions: Eluent: 0.01 M aqueous Tetrabutylammonium Sulphate / Methanol (23:77), adjusted to pH 3.0 with 0.01 M HCl
Gradient: Isocratic
Flow rate: 2.0 ml/min
Temperature: ambient
Volume: 50 µl

Detection: Refractive Index (RI)

Substances: Octyl Hydrogen Sulphate, C10 Sulphosuccinate, C12 Sulphosuccinate, C14 Sulphosuccinate

Keywords: Surfactants , Ion pair chromatography , Alkyl sulphates , Alkyl sulphosuccinates

Chromatogram:

1. Octyl hydrogen sulphate
2. C10 Sulphosuccinate
3. C12 Sulphosuccinate
4. C14 Sulphosuccinate

