

Separation of derivatised D-/L-Amino acids

Method VBS0028J
HPLC **RP Mode**

Column: Eurospher II 100-3 C18, 250 x 3.0 mm ID

Order No. 25CE181E2G

Phase: Eurospher II 100-3 C18

Conditions: Eluent: A: ACN/MeOH 2:1 (0.1% TFA)
B: H₂O (0.1% TFA)
Gradient: 0.0 – 35 min 75% B
35 – 55 min 75% - 60% B
55 – 70 min 60% - 50% B
70 – 90 min 50% - 40% B
90 – 100 min 40% B
100 – 105 min 40% - 30% B
105 – 115 min 30% B
Flow rate: 1 ml/min
Temperature: 25 °C
Volume: 25 µl

Detection: UV PDA, 260 nm, 330 nm, 340 nm, 410 nm (10 Hz)

Substances: D/L-Ala, D/L-Asn, D/L-Asp, D/L-Cys, Glu, Gly, D/L-His, D/L-Ile, D/L-Lys, D/L-Leu, D/L-Met, D/L-Phe, Pro, D/L-Ser, D/L-Thr, D/L-Trp, D/L-Tyr, D/L-Val

Keywords: D-/L-Amino acids; L-FDVA-D/L-Amino acids; N-a-(5-fluoro-2,4-dinitrophenyl)-L-valinamide

Chromatogram:
(at 330 nm)

