

Separation of fat soluble Vitamins

Method
HPLC

VFD0061J
RP Mode

Column: ProntoSIL 120-3 C18 SH, 250 x 3.0 mm ID

Order No. 25CF180PSG

Phase: ProntoSIL 120-3 C18 SH

Conditions:
Eluent: Methanol
Gradient: isocratic
Flow rate: 1.0 ml/min
Temperature: ambient
Volume: 5 µl (50 – 300 ppm each substance)

Detection: Evaporated Light Scattering Detector (T: 33 °C) / UV at 280 nm

Substances: Vitamin A acetate, Vitamin D3, Vitamin K1, Vitamin A alcohol, Vitamin D2, Vitamin E

Keywords: Vitamins, fat soluble

Chromatogram:

1. Vitamin A acetate
2. Vitamin D3
3. Vitamin K1
4. Vitamin A alcohol
5. Vitamin D2
6. Vitamin E

