



Diazepam

- 1 Standard
30 ng/mL
Human serum 20 ng/mL

Conditions of Primary separation

Precolumn CAPCELL PAK MF Cartridge (Ph-1) : 4.0 mm i.d.×10 mm
Mobile phase 100mmol/L Phosphate buffer / CH₃CN = 98 / 2, pH7.0
Flow rate [valve position A] 1.0 mL/min
[valve position B] 200 μL/min
Temperature 35 °C
Detect UV
Inj. vol. 80 μL

Conditions of Final separation

Analytical column CAPCELL PAK C₁₈ UG120 S5 : 2.0 mm i.d.×250 mm

Mobile phase	100mmol/L Phosphate buffer / CH ₃ CN = 50 / 50, pH7.0
Flow rate	200 μL/min
Temperature	35 °C
Detect	UV 230 nm