



Midazolam  
1  
100 ppb

#### Conditions of Primary separation and Focusing

Precolumn	CAPCELL PAK MF Cartridge (Ph-1) : 4.0 mm i.d.×10 mm
Intermediate column	CAPCELL PAK C <sub>18</sub> UG120 S5 : 2.0 mm i.d.×35 mm
Mobile phase	100mmol/L Phosphate buffer (pH6.9) / CH <sub>3</sub> CN = 80 / 20
Flow rate	[valve position A] 500 μL/min [valve position B] 250 μL/min
Detect	UV
Inj. vol.	100 μL

#### Conditions of Final separation

Analytical column	CAPCELL PAK C <sub>18</sub> UG120 S5 : 1.5 mm i.d.×250 mm
Mobile phase	100mmol/L Phosphate buffer (pH6.9) / CH <sub>3</sub> CN = 60 / 40
Flow rate	100 μL/min
Temperature	40 °C

Detect

UV 220 nm