



1 Melatonin
5 ng/mL

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 ₁₈ UG120 S5 : 2.0 mm i.d.×35 mm
Mobile phase	10mmol/L Sodium 1-octanesulfonate, 100mmol/L NaH ₂ PO ₄ / CH ₃ CN = 99 / 1
Flow rate	[valve position A] 500 μL/min [valve position B] 250 μL/min
Detect	FL
Inj. vol.	10 μL

Conditions of Final separation

Analytical column	CAPCELL PAK C ₁₈ UG120 S5 : 1.5 mm i.d.×250 mm
Mobile phase	10mmol/L Sodium 1-octanesulfonate, 100mmol/L NaH ₂ PO ₄ / CH ₃ CN = 80 / 20
Flow rate	100 μL/min
Temperature	35 °C
Detect	FL Ex. 265 nm, Em. 370 nm

