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|---|---------------|---|-----------|
| 1 | Carbamazepine | 2 | Phenytoin |
| | 12.5 ppb | | 50 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 C18 UG120 S5 : 1.5 mm i.d.×35 mm |
| Mobile phase | 100mmol/L Phosphate buffer (pH7) / CH ₃ CN = 90 / 10 |
| Flow rate | [valve position A] 500 μL/min [valve position B] 250 μL/min |
| Temperature | 40 °C |
| Detect | UV |
| Inj. vol. | 100 μL |

Conditions of Final separation

| | |
|-------------------|---|
| Analytical column | CAPCELL PAK C18 UG120 S5 : 1.5 mm i.d.×250 mm |
| Mobile phase | 100mmol/L Phosphate buffer (pH7) / CH ₃ CN = 70 / 30 |

Flow rate 100 μ L/min

Temperature 40 $^{\circ}$ C

Detect UV 254 nm