

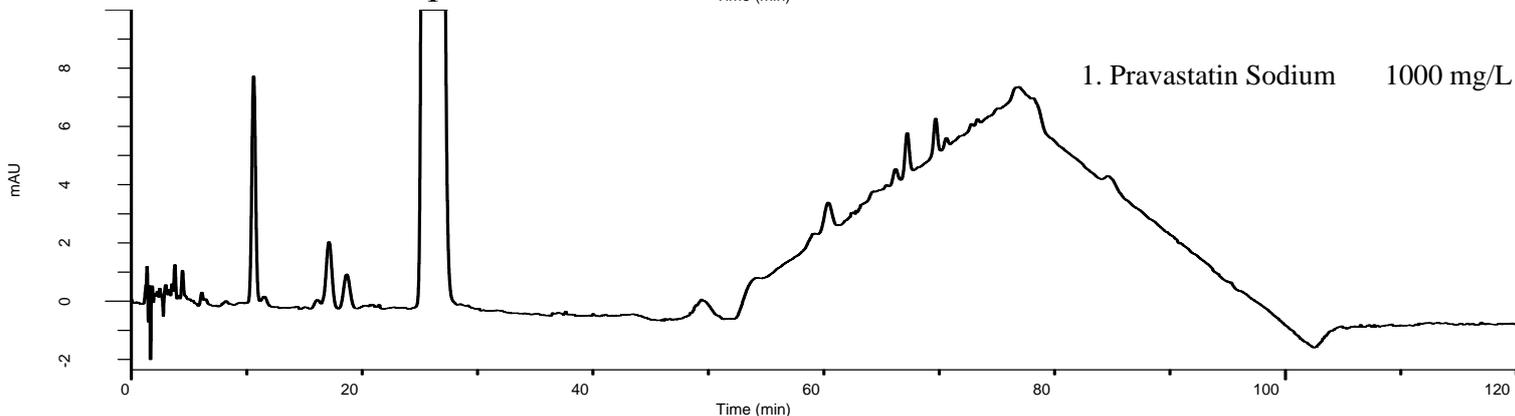
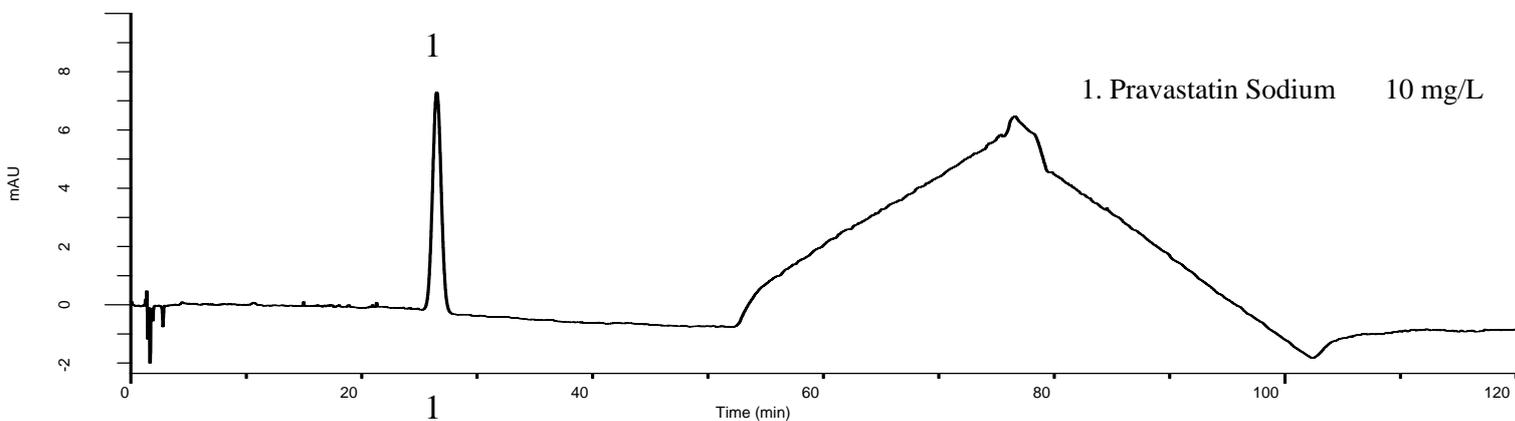
InertSearch™ for LC

Inertsil® Applications

Analysis of Pravastatin Sodium

(Under the Condition of the Japanese Pharmacopoeia, Pravastatin Sodium Tablets)

Data No. LB165-0894



Conditions

System : GL-7400 HPLC system

Column : Inertsil ODS-4
(5 μ m, 150 x 4.6 mm I.D.)

Column Cat. No. : 5020-03945

Eluent : A) H₂O/CH₃OH/CH₃COOH/Triethylamine = 750/250/1/1, v/v/v/v
B) CH₃OH/H₂O/CH₃COOH/Triethylamine = 650/350/1/1, v/v/v/v

Analyte:

1. Pravastatin Sodium

| Time(min) | A(vol%) | B(vol%) |
|-----------|---------|---------|
| 0~50 | 50 | 50 |
| 50~75 | 50→0 | 50→100 |

Flow Rate : 1.3 mL/min

Col. Temp. : 25 °C

Detection : UV 238 nm (GL-7452 PDA Detector)

Injection Vol. : 20 μ L

Sample : Standard

Theoretical plates : 5,826 (\geq 3,500)

Tailing factor : 1.05 (\leq 1.6)

RSD of the
peak area (n=6) : 0.58 (\leq 1.5)