

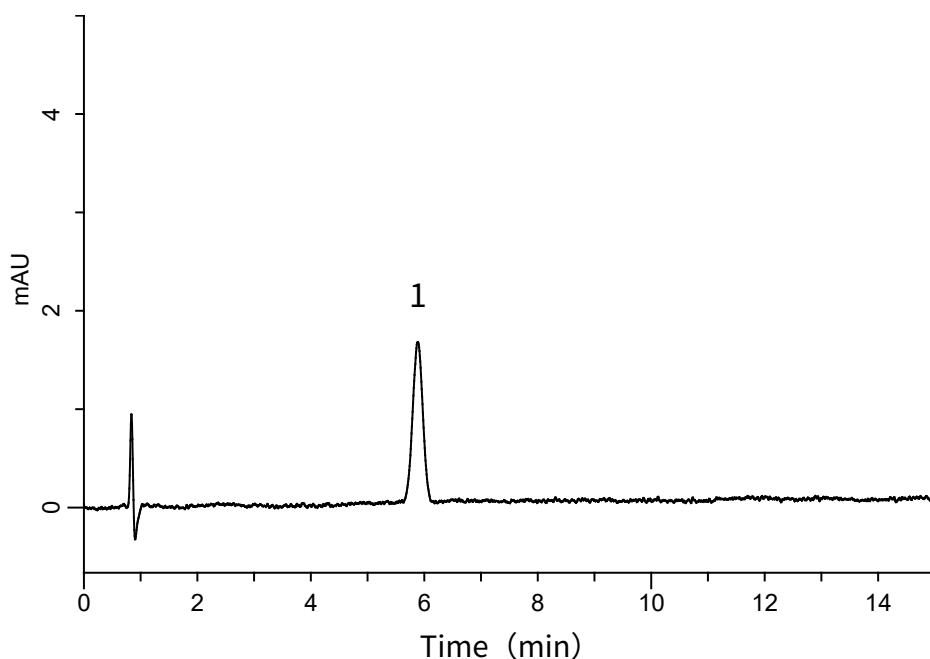
InertSearch™ for LC

Inertsil® Applications

Analysis of Ipriflavone

(Under the Condition of the Japanese Pharmacopoeia)

Data No. LB124-0894



Conditions

System : GL-7400 HPLC system
Column : InertSustain C8
(5 μ m, 150 x 4.0 mm I.D.)
Column Cat. No. : 5020-16020
Eluent : A) CH₃CN
B) H₂O
A/B = 60/40, v/v
Flow Rate : 1.1 mL/min
Col. Temp. : 25 °C
Detection : UV 280 nm (GL-7452 PDA Detector)
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

1. Ipriflavone 0.6 mg/L

Theoretical plates : 4,756 ($\geq 2,000$)
Tailing factor : 1.02 (≤ 1.5)
RSD of the
peak area (%) (n=6) : 1.46 (≤ 2.0)