

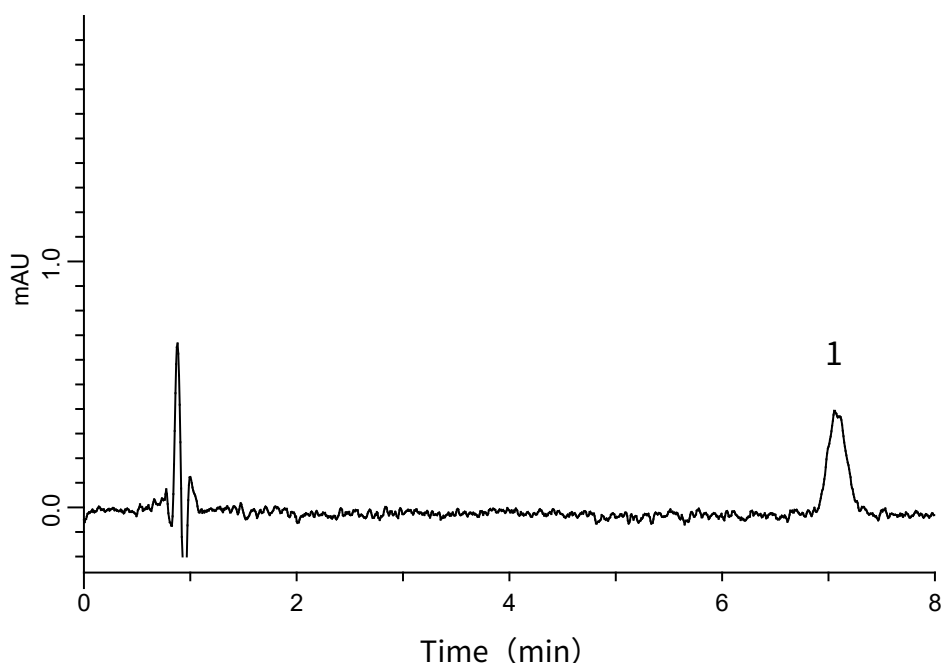
InertSearch™ for LC

Inertsil® Applications

Analysis of Tranilast (Inertsil ODS-4)

(Under the Condition of the Japanese Pharmacopoeia)

Data No. LB064-0894



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-4
 5 μ m, 150 $\times$ 4.6 mm I.D.)
Column Cat. No. : 5020-03945
Eluent : A) CH₃CN
 B) 1 % CH₃COOH
 A/B = 40/60, v/v
Flow Rate : 1.9 mL/min
Col. Temp. : 25 °C
Detection : UV 255 nm (GL-7452 PDA Detector)
Injection Vol. : 5 μ L

Analyte:

1. Tranilast 1 mg/L

Theoretical plates : 7,198 ($\geq$ 5,000)
Tailing factor : 1.11 ($\leq$ 1.5)
RSD of the
peak area (%) (n=6) : 2.44 ($\leq$ 3.0)