

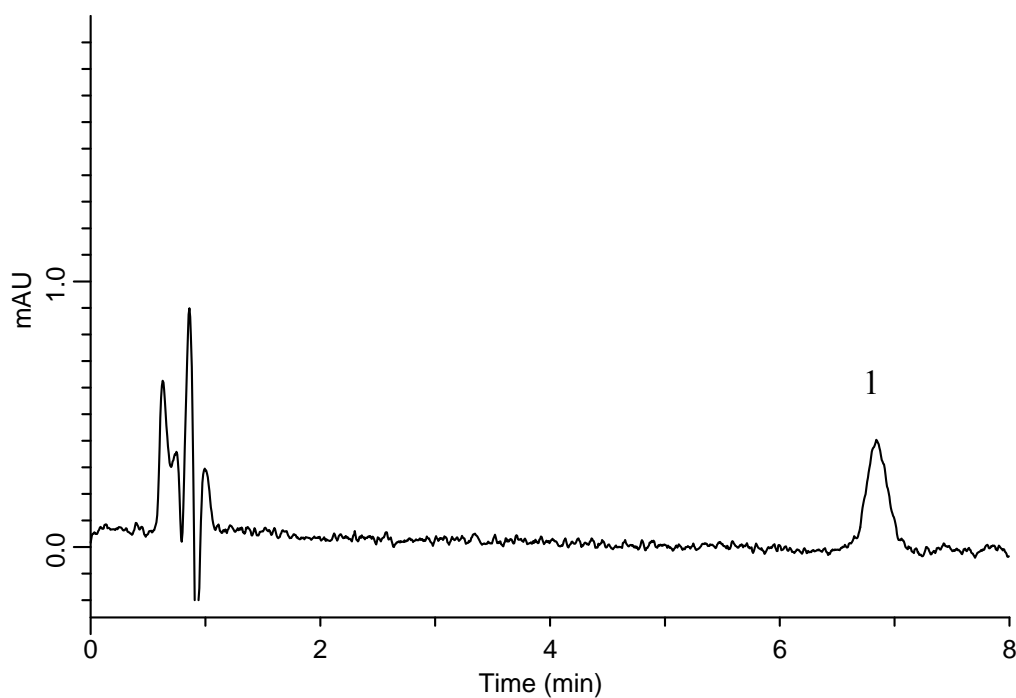
InertSearch™ for LC

Inertsil® Applications

Analysis of Tranilast (InertSustain C18)

(Under the Condition of the Japanese Pharmacopoeia)

Data No. LB063-0894



Conditions

System : GL-7400 HPLC system
Column : InertSustain C18
(5 μ m, 150 \times 4.6 mm I.D.)
Column Cat. No. : 5020-07345
Eluent : A) CH₃CN
B) 1 % CH₃COOH
A/B = 40/60, v/v
Flow Rate : 1.8 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 : 6,377 (\geq 5,000)
Tailing factor : 1.16 (\leq 1.5)
RSD of the
peak area (n=6) : 2.55 (\leq 3.0)