

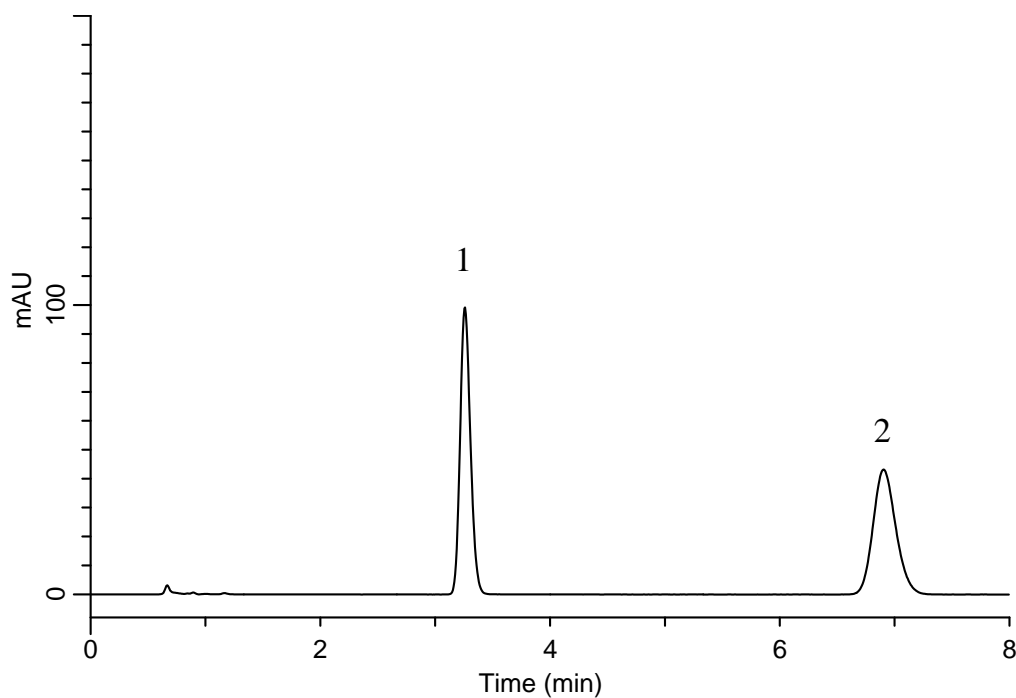
InertSearch™ for LC

Inertsil® Applications

Analysis of Tranilast

(Under the Condition of the Japanese Pharmacopoeia, Tranilast Capsules)

Data No. LB253-0894



Conditions

System : GL-7400 HPLC system
Column : InertSustain C18
(5 μ m, 150 x 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
Sample : Standard

Analyte:

1. Ethyl *p*-hydroxybenzoate 40 mg/L
2. Tranilast 100 mg/L
Resolution : 14.0 (≥ 8)
Relative standard deviation of the peak area ratio of 1 to 2 (%) (n=6) : 0.15 (≤ 1.0)