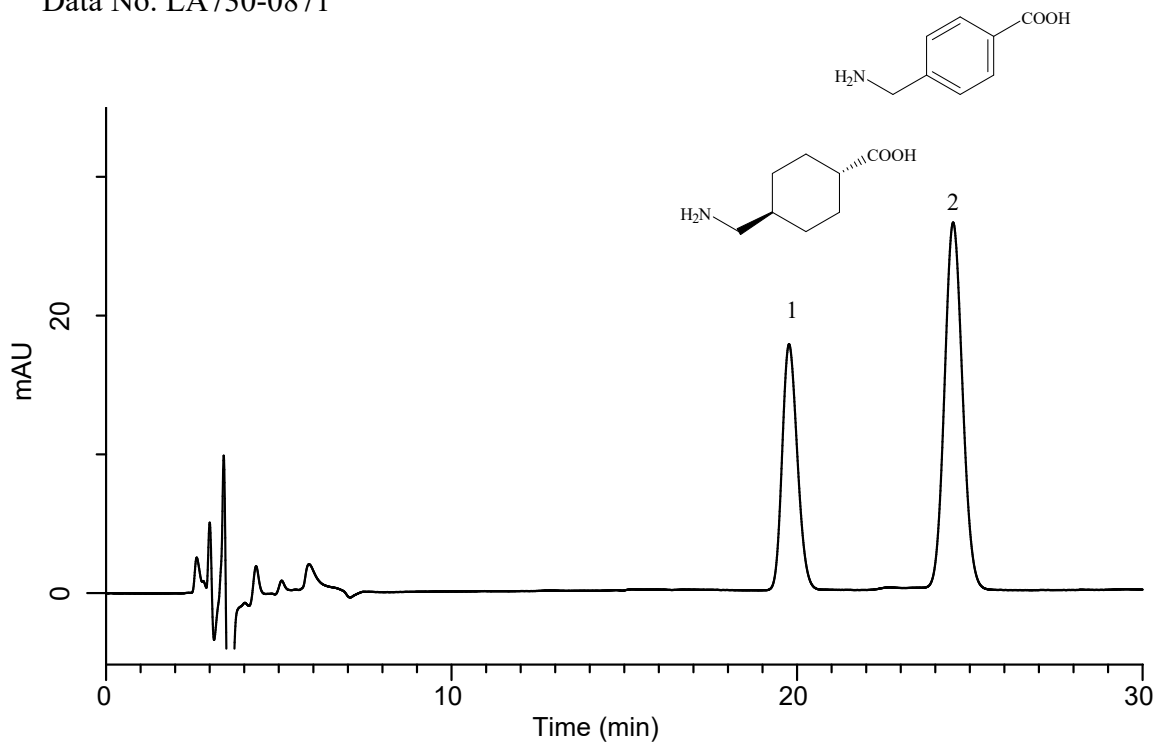


InertSearch™ for LC

Inertsil® Applications

Analysis of Tranexamic acid

Data No. LA730-0871



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-3 (5µm, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-01732
Eluent : A) Phosphate buffer*
 : B) CH₃OH
 : A/B = 60/40, v/v
Flow Rate : 0.7 mL/min
Col. Temp. : 25 °C
Detection : UV 220 nm (GL-7450 UV detector)
Injection Vol. : 20 µL

Analyte

1. Tranexamic acid (1 mg/mL)
2. 4-(aminomethyl)benzoic acid (0.01 mg/mL)

* Phosphate buffer:

11.0 g of NaH₂PO₄, 5 mL of triethyl amine and 1.4 g of sodium lauryl sulfate were dissolved in 500 mL of H₂O, and H₃PO₄ was added to the solution to adjust the pH value to 2.5. H₂O was added again to make up the solution to 600 mL.