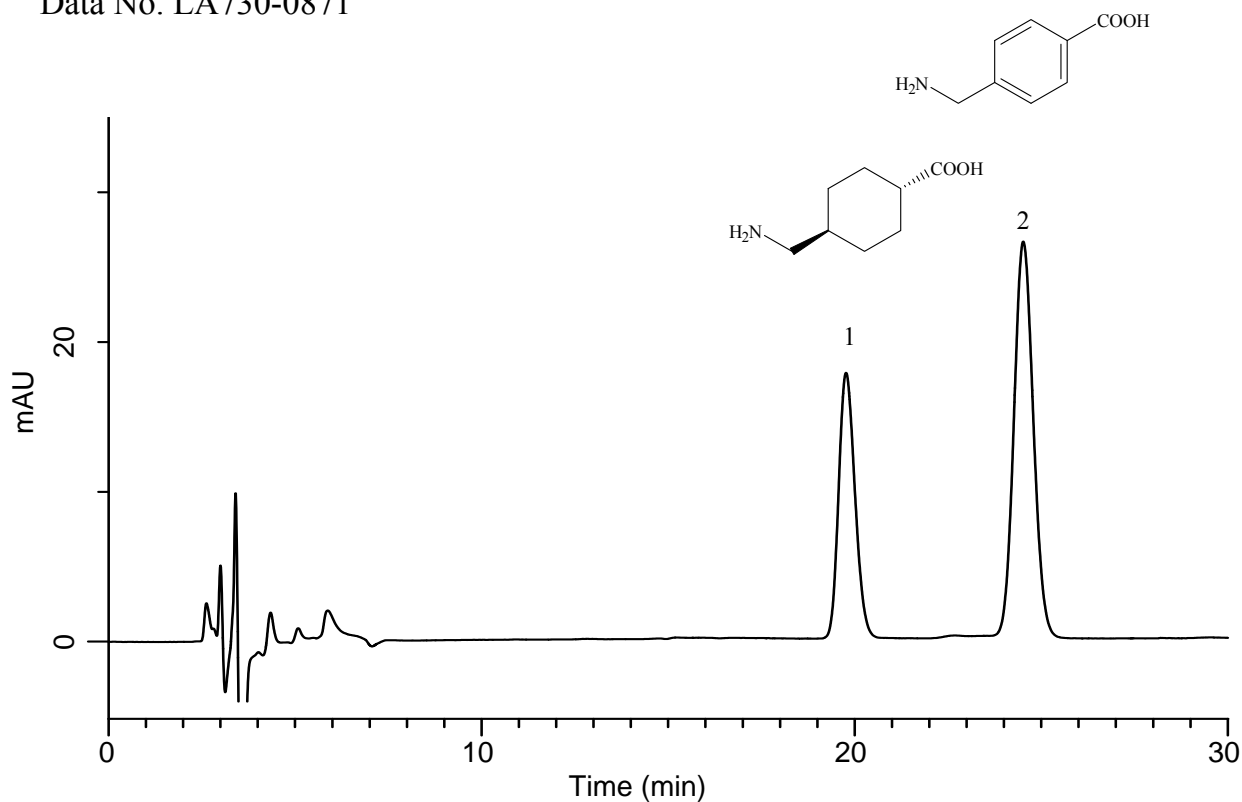


# InertSearch™ for LC

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) CH<sub>3</sub>OH  
          : 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 NaH<sub>2</sub>PO<sub>4</sub>, 5 mL of triethyl amine and 1.4 g of sodium lauryl sulfate were dissolved in 500 mL of H<sub>2</sub>O, and H<sub>3</sub>PO<sub>4</sub> was added to the solution to adjust the pH value to 2.5. H<sub>2</sub>O was added again to make up the solution to 600 mL.