

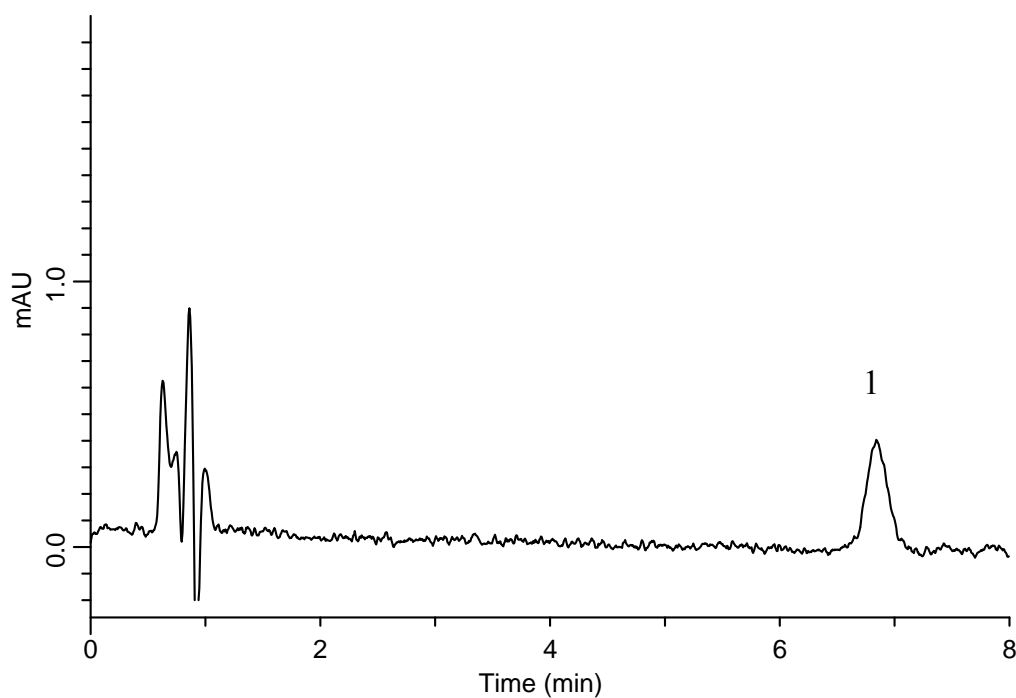
# InertSearch™ for LC

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 $\mu$ m, 150  $\times$  4.6 mm I.D.)  
**Column Cat. No.** : 5020-07345  
**Eluent** : A) CH<sub>3</sub>CN  
B) 1 % CH<sub>3</sub>COOH  
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  $\mu$ 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)