

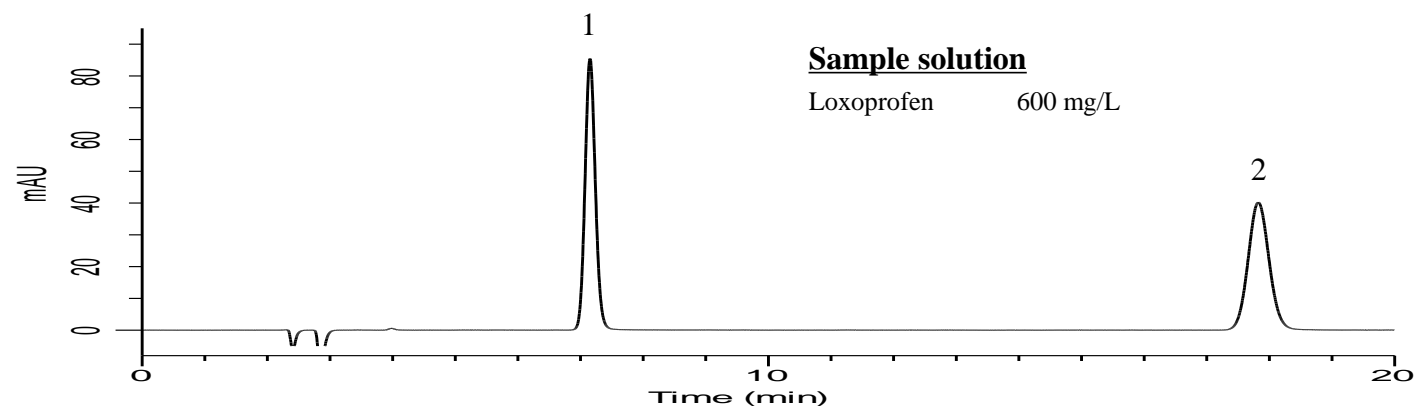
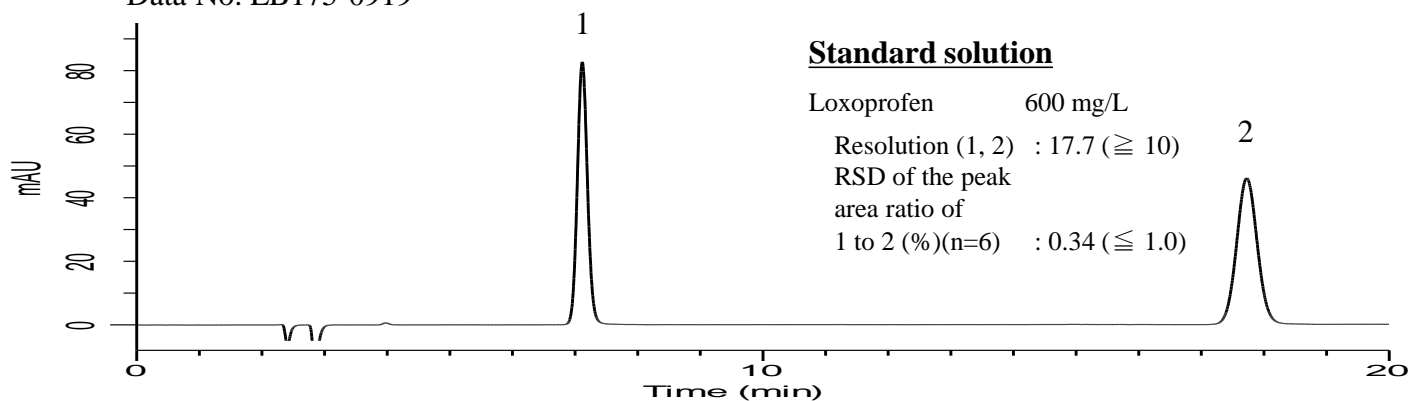
# InertSearch™ for LC

Inertsil® Applications

## Analysis of Loxoprofen

(Under the Condition of the Japanese Pharmacopoeia,  
Loxoprofen sodium Tablets)

Data No. LB175-0919



### Conditions

**System** : GL-7400 HPLC system  
**Column** : InertSustain C18  
(5  $\mu$  m, 150 x 6.0 mm I.D.)  
**Column Cat. No.** : 5020-07355  
**Eluent** : A) CH<sub>3</sub>OH  
B) H<sub>2</sub>O  
C) CH<sub>3</sub>COOH  
D) Triethylamine  
A/B = 600/400/1/1, v/v/v/v  
**Flow Rate** : 1.1 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 222 nm (GL-7452 PDA Detector)  
**Injection Vol.** : 10  $\mu$  L  
**Sample** : Standard

### Analyte:

1. Loxoprofen  
2. Ethyl benzoate