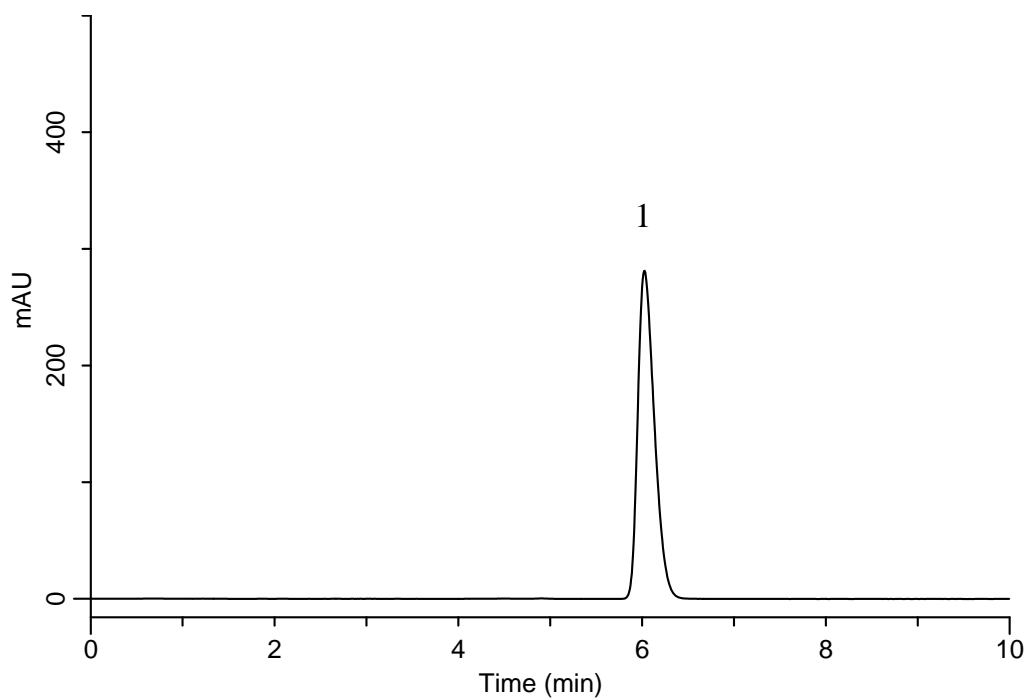


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Aripiprazole

Data No. LB067-0894



### 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) CH<sub>3</sub>OH  
C) 20 mM Na<sub>2</sub>SO<sub>4</sub>  
D) CH<sub>3</sub>COOH  
A/B/C/D = 33/11/56/1, v/v/v/v  
**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 25 °C  
**Detection** : UV 254 nm (GL-7452 PDA Detector)  
**Injection Vol.** : 20  $\mu$  L

### Analyte:

1. Aripiprazole 100 mg/L  
Theoretical plates : 5,307  
Tailing factor : 1.38  
RSD of the peak area (%) (n=6) : 0.05