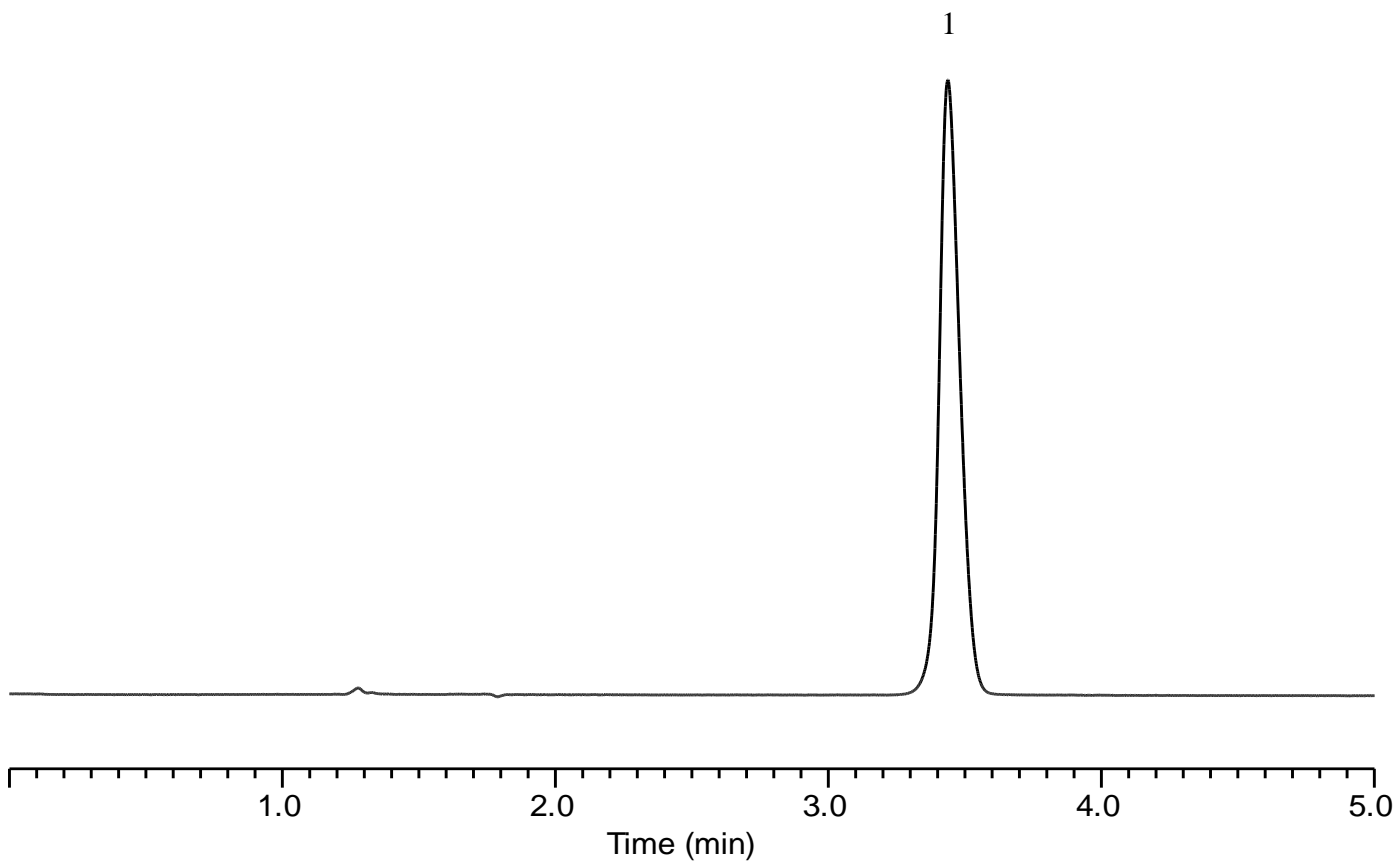


# InertSearch™ for LC

Inertsil™ Applications

## Analysis of Tetracaine

Data No. LB612-0806



### Conditions

**Column** : InertSustain Cyano (5  $\mu$  m, 250 x 4.6 mm I.D.)

**Column Cat. No.** : 5020-89277

**Eluent** : A) CH<sub>3</sub>CN  
B) Buffer\*  
A/B = 30/70, v/v

**Flow rate** : 2.0 mL/min

**Col. Temp.** : 40 °C

**Detection** : UV 280 nm

**Injection Vol.** : 10  $\mu$  L

**Sample** : Standard

### Analyte:

1. Tetracaine 100 mg/L

Theoretical plates (1) : 9,679

Symmetry factor (1) : 1.16

\* Prepare 0.01 M of dibasic ammonium phosphate in water, and adjust with phosphoric acid to a pH of 3.0.