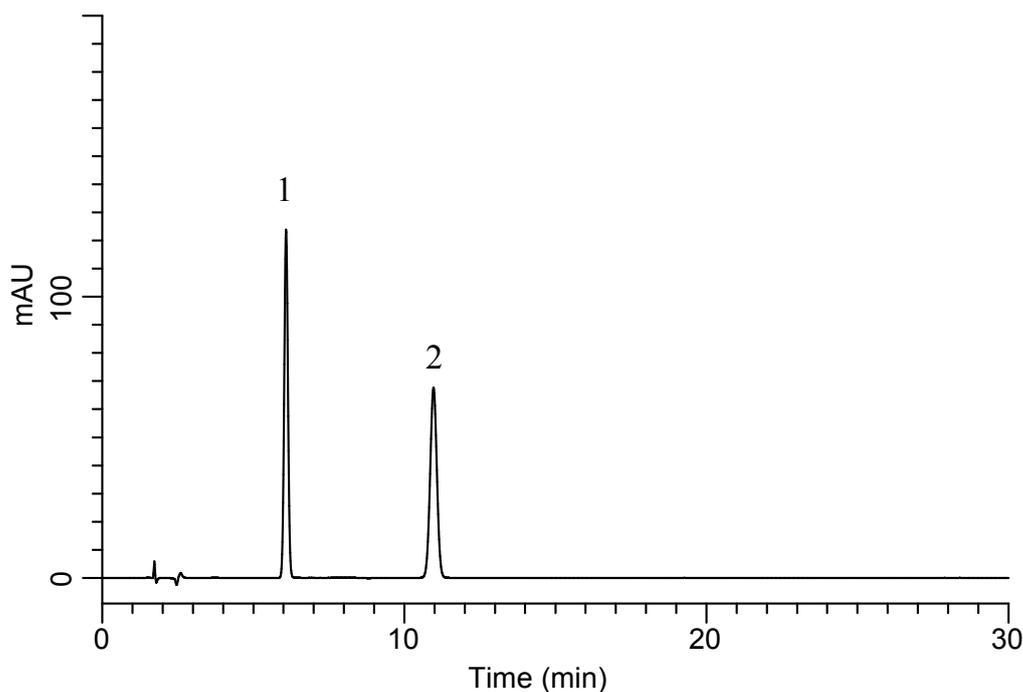


### Analysis of Zonisamide

Data No. LB428-0894



#### Conditions

**System** : GL7700 HPLC system  
**Column** : InertSustain AQ-C18  
(5  $\mu$  m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-89730  
**Eluent** : A) THF  
B) H<sub>2</sub>O  
A/B = 1/5, v/v  
**Flow Rate** : 0.95 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 239 nm (PD7752 PDA Detector)  
**Injection Vol.** : 10  $\mu$  L  
**Sample** : Standard

#### Analyte:

1. 4-Aminoacetophenone 50 mg/L  
2. Zonisamide 50 mg/L

Resolution (1, 2) : 15.2 ( $\geq 5$ )  
RSD of the peak  
area ratio of  
2 to 1 (%) (n=6) : 0.05 ( $\leq 1.0$ )