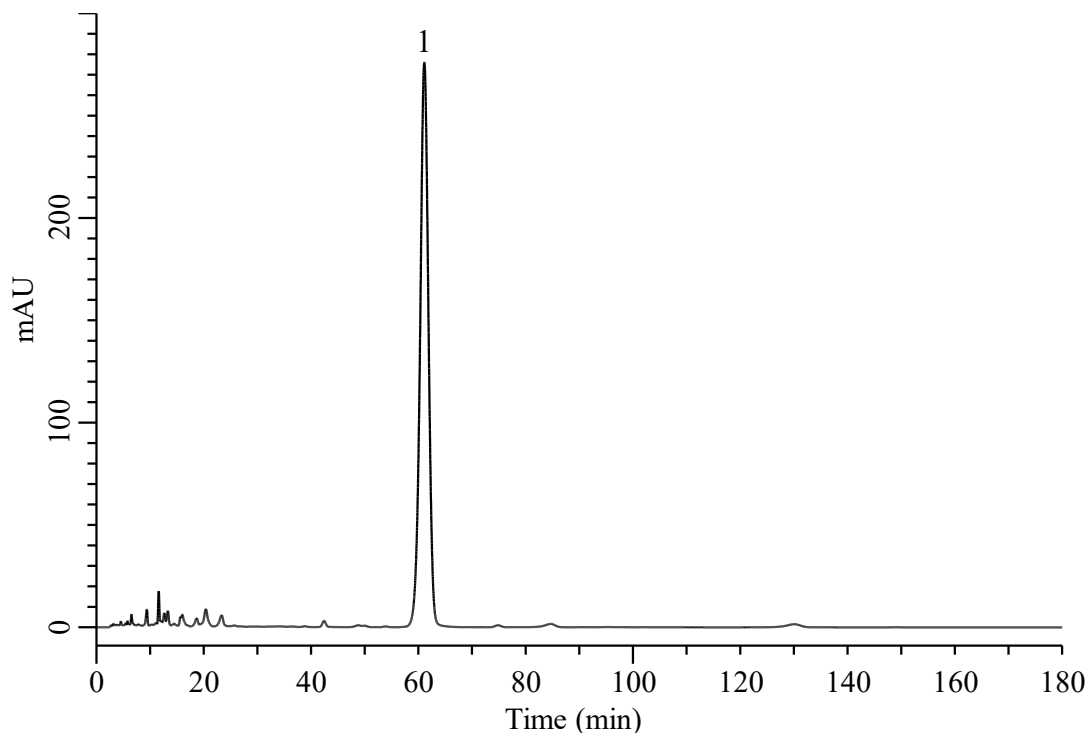


## Analysis of Spiramycin



### Conditions

**System** : Chromaster PLUS (HITACHI)  
**Column** : Inertsil Hybrid-C18 (GL Sciences Inc.)  
 (5  $\mu\text{m}$ , 250 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-76017  
**Eluent** :  $\text{CH}_3\text{CN}/\text{H}_2\text{O}/\text{Solution}^*$   
 = 40/55/5, v/v/v  
**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 70  $^\circ\text{C}$   
**Detection** : UV 232 nm  
**Injection Vol.** : 20  $\mu\text{L}$   
**Sample** : Standard in  $\text{CH}_3\text{OH}/\text{H}_2\text{O} = 30/70$ , v/v

### Analyte:

1 . Spiramycin 1.0 mg/mL  
 Tailing factor : 0.98 ( $\geq 0.7$ )

\*: mix 5 volumes of a 34.8 g/L solution of dipotassium hydrogen phosphate adjusted to pH 6.5 with a 27.2 g/L solution of potassium dihydrogen phosphate.