

# HPLC Application

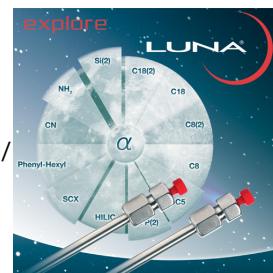
ID No.: 27882

## USP Tigecycline Assay Standard Solution on Luna 5u C18(2) 150x4.6mm using Agilent 1260 Quaternary UHPLC s

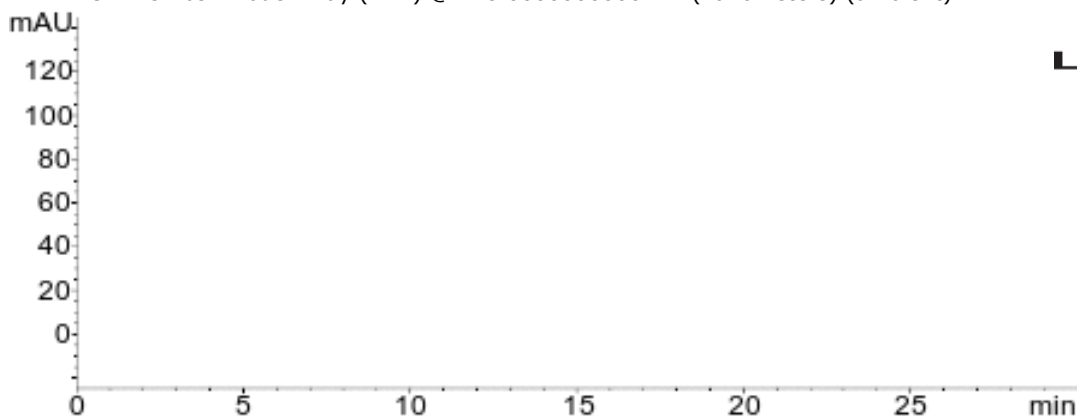
**Column:** Luna® 5 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea  
**Dimensions:** 150 x 4.6 mm ID  
**Order No:** 00F-4252-E0  
**Elution Type:** Isocratic  
**Eluent A:** Acetonitrile:Buffer (140:860) Buffer: 4.35g/L of dibasic Potassium Phosphate and 0.93 g/  
**Gradient**  

Step No.	Time (min)	Pct A
1	45	100

  
**Profile:**  
**Flow Rate:** 1 mL/min  
**Col. Temp.:** 30 °C  
**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 248.000000000 nm (nanometers) (ambient)



Products used in this application:



### ANALYTES:

- 1 Tigecycline  
Retention Time: 12.758 min

