

HPLC Application

ID No.: 27879

USP Tigecycline Assay System Suitability Solution on Luna Omega 5u C18 150x4.6mm using Agilent 1260 Quater

Column: Luna® Omega 5 µm C18 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4785-E0

Elution Type: Isocratic

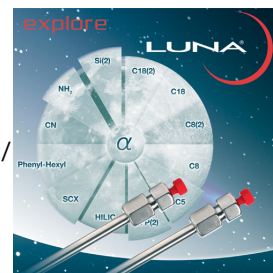
Eluent A: Acetonitrile:Buffer (140:860) Buffer: 4.35g/L of dibasic Potassium Phosphate and 0.93 g/

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

Flow Rate: 1 mL/min

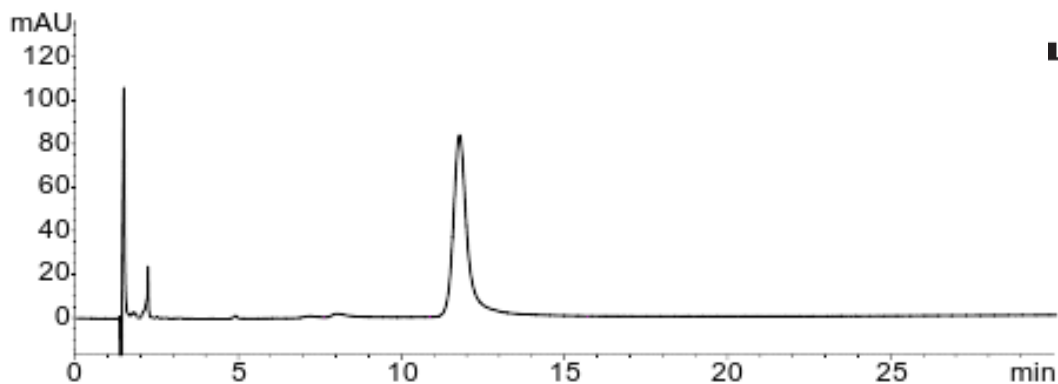
Col. Temp.: 30 °C

Detection: UV-Vis Abs.-Diode Array (PDA) @ 248.000000000 nm (nanometers) (ambient)



Phosphori

Products used in this application:



ANALYTES:

- 1** Tigecycline Epimer
Retention Time: 7.971 min
- 2** Tigecycline
Retention Time: 11.707 min

