

HPLC Application

ID No.: 27880



USP Tigecycline Assay System Suitability Solution on Prodigy 5u ODS(2) 150x4.6mm using Agilent 1260 Quatern

Column: Prodigy™ 5 µm ODS-2 150 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-3300-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

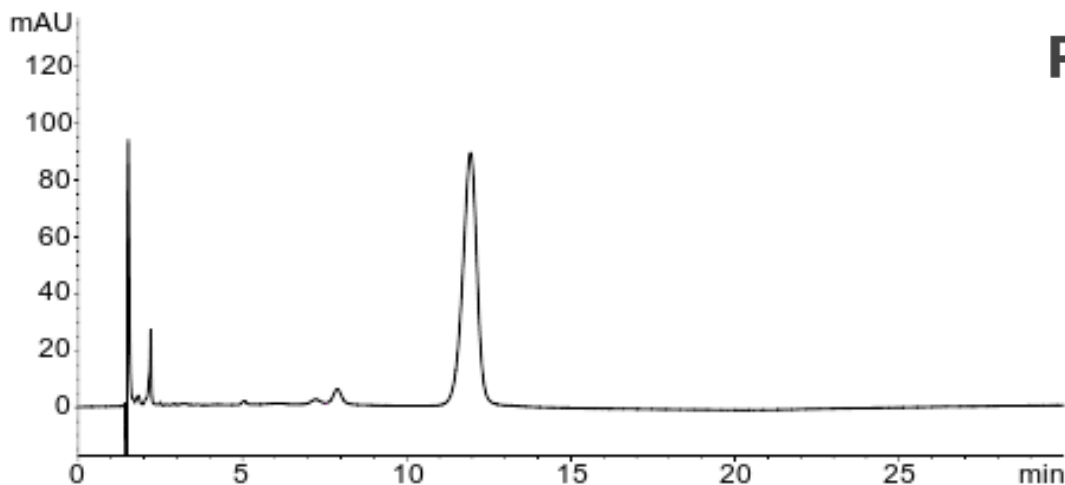
Detection: UV-Vis Abs.-Diode Array (PDA) @ 248.000000000 nm (nanometers) (ambient)



Phosphori

Products used in this application:

Prodigy™



ANALYTES:

- 1 Tigecycline Epimer
Retention Time: 7.898 min
- 2 Tigecycline
Retention Time: 11.949 min

