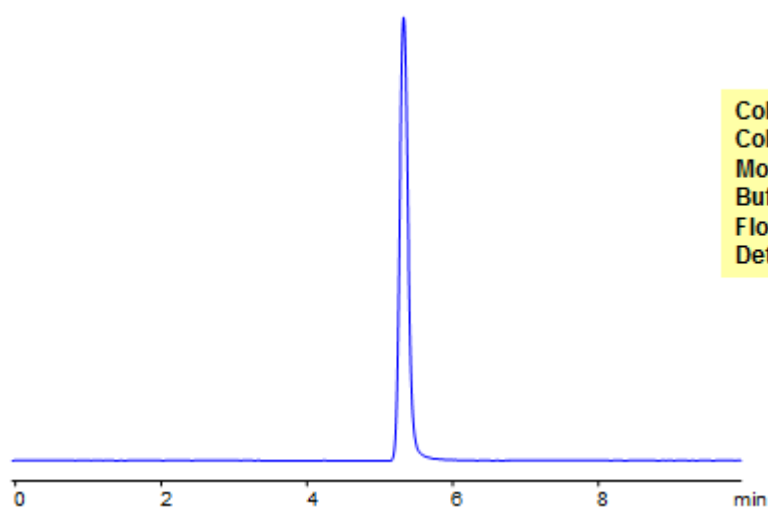


HPLC Analysis of Cefepime

<https://sielc.com/Applicatio-HPLC-Analysis-of-Cefepime>

Chromatogram



Column: Legacy L1
Column size: 4.6 x 250 mm
Mobile Phase: 10% MeOH,
Buffer: 5 mM NaH₂PO₄ pH 5.0
Flow: 1.0 mL/min
Detection: 250 nm

Description

Cefepime is a fourth generation cephalosporin antibiotic usually reserved to treat severe nosocomial pneumonia and febrile neutropenia as well as multiple drug-resistant microorganisms such as *Pseudomonas aeruginosa*, *Staphylococcus aureus*, and *Streptococcus pneumoniae*. Legacy L1 was used to retain Cefepime by reverse phase mechanism. Legacy L1 uses embedded C18 groups on porous silica and is useful for many USP HPLC applications. comparisons to Phenomenex columns are available by request.

Method Parameters

Mobile Phase	MeOH – 10%
Buffer	NaH ₂ PO ₄ pH 5.0- 5 mM
Flow Rate	1.0 ml/min
Detection	UV, 250 nm
Class of Compounds	Drug, Hydrophilic, Ionizable
Analyzing Compounds	Cefepime

HPLC Column Used

Legacy L1, 4.6x250 mm, 5 µm, 100A

[Order this column at hplc-shop.de →](https://hplc-shop.de)