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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2026

Re-test Date: Feb 2029

Product Name: Cefepime EP Impurity E

Identification:

Chemical Name: (6R,7R)-7-Amino-3-[(1-methylpyrrolidinio)methyl]-8-oxo-5-thia-1-azabicyclo [4.2.0]oct-2-ene-2-carboxylate chloride (as per EP)

Synonyms : Cefepime USP Related
Compound D ; Thiazolylglyoxalic
methyloxime ; Cefepime Amine
Derivative (USP)

CAS Number : 103121-85-3

CAT Number : CP-C105005

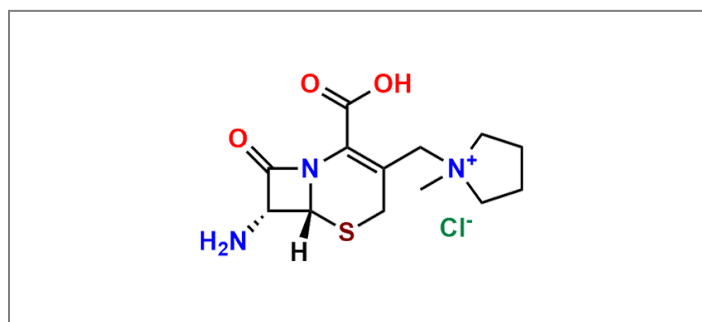
Molecular Formula : C₁₃H₂₀N₃O₃S : Cl

Molecular Weight : 298.38 : 35.5

Batch Number : CP-CEF-E-0326

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.73%
5)	¹ H NMR	Confirm to structure
6)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.