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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2023

Re-test Date: May 2026

**Product Name: Cefuroxime Axetil EP Impurity A**

### Identification:

Chemical Name: 1-(Acetyloxy)ethyl (6R,7R)-3-[(carbamoyloxy)methyl]-7-[(Z)-2-(furan-2-yl)-2-(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-3-ene-2-carboxylate (as per EP)

Synonyms : Cefuroxime Axetil Delta-3-Isomers (USP)

CAS Number : 123458-61-7

CAT Number : CP-C92001

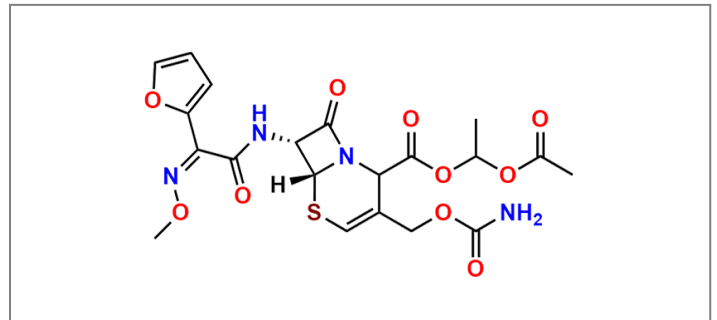
Molecular Formula : C<sub>20</sub>H<sub>22</sub>N<sub>4</sub>O<sub>10</sub>S

Molecular Weight : 510.47

Batch Number : CP-CEF-A-0623

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	Pale Yellow hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	92.28%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)

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