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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2023

Re-test Date: Jun 2026

Product Name: Cefadroxil EP Impurity B

Identification:

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

Synonyms : Cefadroxil USP Related
Compound B ; 7-
Aminodesacetoxycephalosporanic
acid ; 7-ADCA ;
Deacetoxycephalosporanic acid

CAS Number : 22252-43-3

CAT Number : CP-C61002

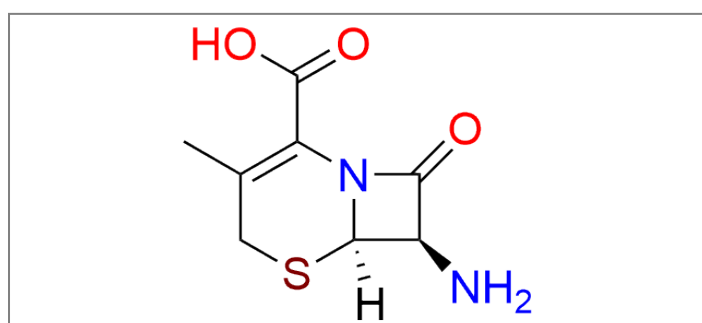
Molecular Formula : C₈H₁₀N₂O₃S

Molecular Weight : 214.2

Batch Number : CP-CEF-B-0723

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	White to Off White Solid
2)	Solubility	ACN:H ₂ O:NH ₃ (8:2:0.1)
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.91%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to structure
7)	Weight loss by TGA	0.164%
8)	Potency by TGA	99.74%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

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