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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Cefoperazone EP Impurity E**

### Identification:

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

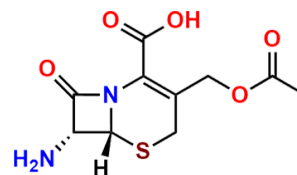
Synonyms : 7-Aminocephalosporanic Acid ;  
7-ACA (EP)

CAS Number : 957-68-6

CAT Number : CP-C154005

Molecular Formula : C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub>S

Molecular Weight : 272.3



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	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.