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## CERTIFICATE OF ANALYSIS

Analysis Date:

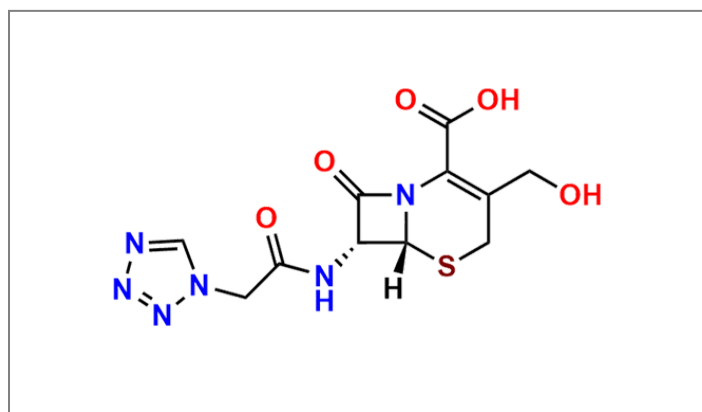
Re-test Date:

**Product Name: Cefazolin 3-Hydroxymethyl Impurity**

### Identification:

Chemical Name: (6R,7R)-7-(2-(1H-Tetrazol-1-yl)acetamido)-3-(hydroxymethyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid (as per USP)

Synonyms : NA  
CAS Number : 478494-71-2  
CAT Number : CP-C149015  
Molecular Formula : C<sub>11</sub>H<sub>12</sub>N<sub>6</sub>O<sub>5</sub>S  
Molecular Weight : 340.31



### 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.