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## CERTIFICATE OF ANALYSIS

Analysis Date:

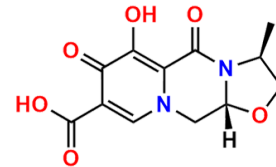
Re-test Date:

**Product Name: Cefotetan Impurity 3**

### Identification:

Chemical Name: Benzhydryl (6R,7S)-7-amino-3-(((1-methyl-1H-tetrazol-5-yl)thio)methyl)-7-(methylthio)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate

Synonyms : NA  
CAS Number : 67366-04-5  
CAT Number : CP-C378001  
Molecular Formula : C<sub>24</sub>H<sub>24</sub>N<sub>6</sub>O<sub>3</sub>S<sub>3</sub>  
Molecular Weight : 540.68



### 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.