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## CERTIFICATE OF ANALYSIS

Analysis Date:

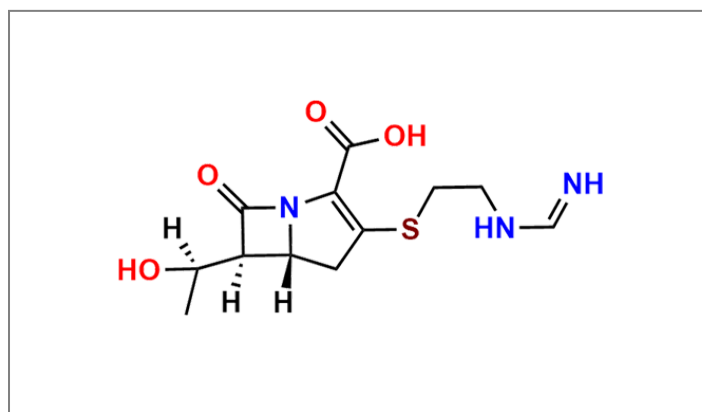
Re-test Date:

**Product Name: Imipenem (In House Standard)**

### Identification:

Chemical Name: (5R,6S)-3-((2-formimidamidoethyl)thio)-6-((R)-1-hydroxyethyl)-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid

Synonyms : NA  
CAS Number : 64221-86-9  
CAT Number : CP-I59006  
Molecular Formula : C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>4</sub>S  
Molecular Weight : 299.3



### 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	>98%
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.