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CERTIFICATE OF ANALYSIS

Analysis Date:

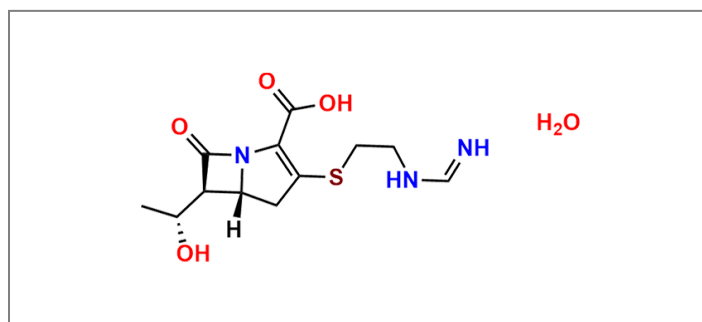
Re-test Date:

Product Name: Imipenem Monohydrate (In House Standard)

Identification:

Chemical Name: (5R,6S)-6-[(R)-1-Hydroxyethyl]-3-[[2-[(iminomethyl)amino]ethyl]sulfanyl]-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid monohydrate

Synonyms : NA
CAS Number : 74431-23-5
CAT Number : CP-I59000
Molecular Formula : C₁₂H₁₇N₃O₄S · H₂O
Molecular Weight : 299.34 : 18.0



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	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>98%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



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.