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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Amoxicillin EP Impurity J

Identification:

Chemical Name: co-oligomers of amoxicillin and penicilloic acids of amoxicillin (as per EP) ; (2S,5R,6R)-6-((2R)-2-(2-((R)-2-amino-2-(4-hydroxyphenyl)acetamido)-2-((4S)-4-carboxy-5,5-dimethylthiazolidin-2-yl)acetamido)-2-(4-hydroxyphenyl)acetamido)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid

Synonyms : Amoxicillin USP Related
Compound J ; Amoxicillin Close
Ring Dimer

CAS Number : 2088960-43-2

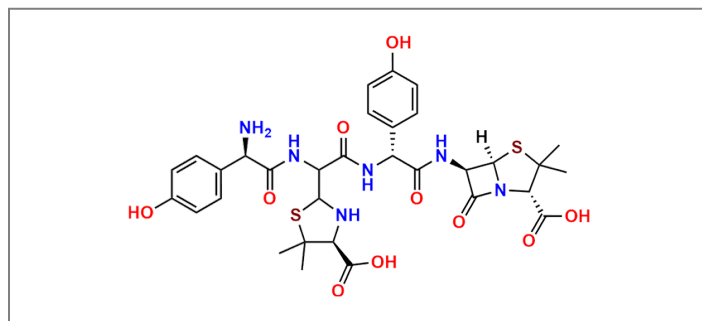
CAT Number : CP-A20010

Molecular Formula : C₃₂H₃₈N₆O₁₀S₂

Molecular Weight : 730.81

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 Spectrometry	Confirm to structure
4)	Purity By HPLC	>95%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency	-

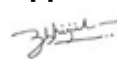


Prepared and Reviewed By



Mr. Shubham Bondre
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.