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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Ampicillin EP Impurity D

Identification:

Chemical Name: (4S)-2-[[[(2R)-2-Amino-2-phenylacetyl]amino]carboxymethyl]-5,5-dimethyl-1,3-thiazolidine-4-carboxylic acid

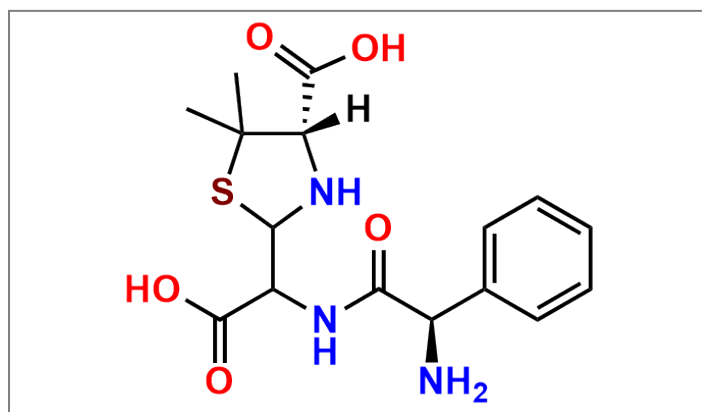
Synonyms : Ampicillin Penicilloic Acid ;
Ampicilloic acid ; α -
Aminobenzylpenicilloic acid

CAS Number : 32746-94-4

CAT Number : CP-A59004

Molecular Formula : C₁₆H₂₁N₃O₅S

Molecular Weight : 367.42



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.