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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Benzylpenicillin EP Impurity D

Identification:

Chemical Name: (3S,7R,7aR)-5-benzyl-2,2-dimethyl-2,3,7,7a-tetrahydroimidazo[5,1-b]thiazole-3,7-dicarboxylic acid (as per EP)

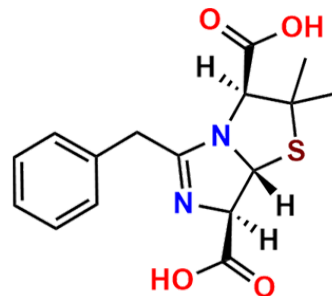
Synonyms : Penillic acid of benzylpenicillin (EP)

CAS Number : NA

CAT Number : CP-B76004

Molecular Formula : C₁₆H₁₈N₂O₄S

Molecular Weight : 334.39



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.