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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Penicillin (In House Standard)

Identification:

Chemical Name: (2S,5R,6R)-3,3-dimethyl-7-oxo-6-(2-phenoxyacetamido)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid

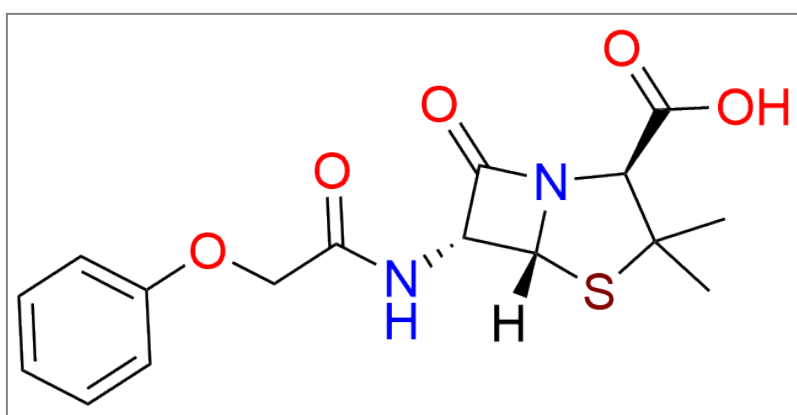
Synonyms : Penicillin V ;
Phenoxymethylpenicillinic acid

CAS Number : 87-08-1

CAT Number : CP-P39000

Molecular Formula : C₁₆H₁₈N₂O₅S

Molecular Weight : 350.39



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	>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.