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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Phenoxyethylpenicillin Potassium Impurity A**

**Identification:**

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

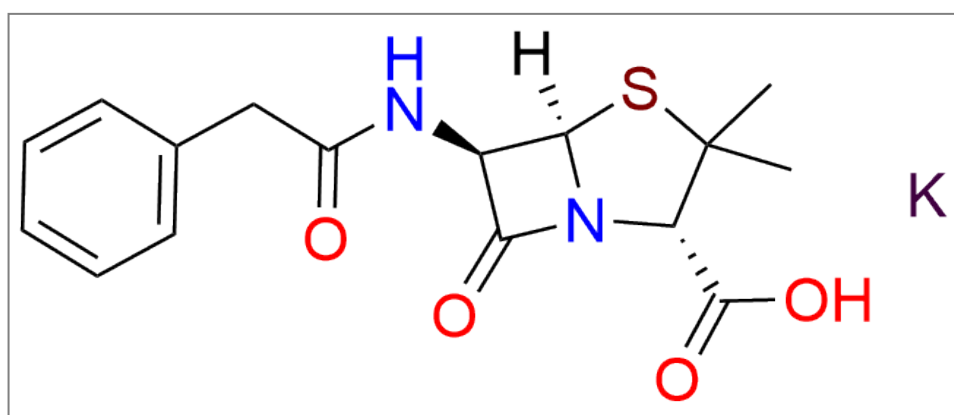
Synonyms : NA

CAS Number : 113-98-4

CAT Number : CP-P39002

Molecular Formula : C<sub>16</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>S : K

Molecular Weight : 334.4 : 39.1



**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.