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## CERTIFICATE OF ANALYSIS

Analysis Date:

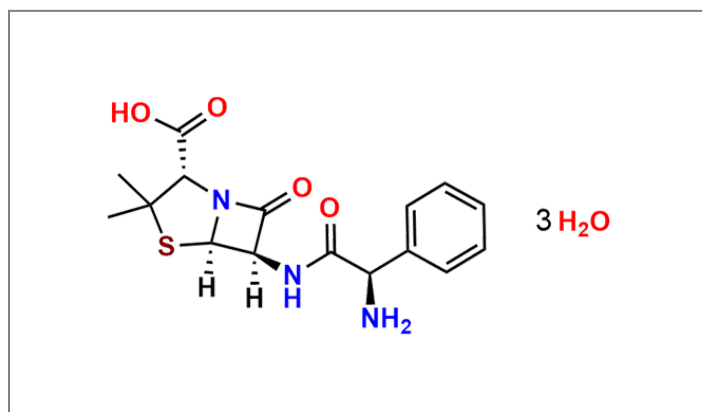
Re-test Date:

**Product Name: Ampicillin Trihydrate**

### Identification:

Chemical Name: (2S,5R,6R)-6-[[[(2R)-2-Amino-2-phenylacetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid trihydrate (as per EP)

Synonyms : Ampicillin acid  
CAS Number : 7177-48-2  
CAT Number : CP-A59024  
Molecular Formula : C<sub>16</sub>H<sub>19</sub>N<sub>3</sub>O<sub>4</sub>S · 3(H<sub>2</sub>O)  
Molecular Weight : 349.4 : 3(18.0)



### 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.