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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2023

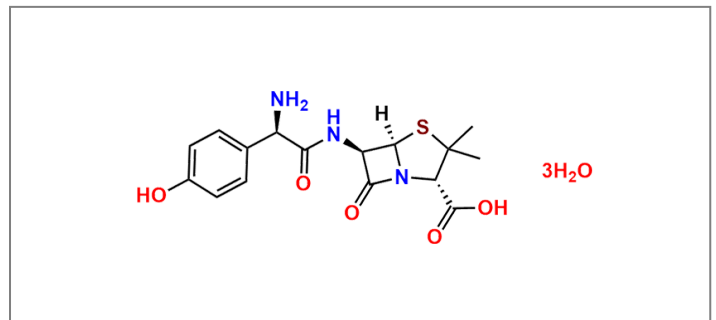
Re-test Date: Jun 2026

Product Name: Amoxicillin Trihydrate (In House Standard)

Identification:

Chemical Name: (2S,5R,6R)-6-[(R)-(-)-2-Amino-2-(p-hydroxyphenyl)acetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic Acid Trihydrate

Synonyms : NA
CAS Number : 61336-70-7
CAT Number : CP-A20011
Molecular Formula : C₁₆H₁₉N₃O₅S · 3(H₂O)
Molecular Weight : 365.4 : 3(18.0)
Batch Number : CP-AMO-TRI-0723
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off-White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.93%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	8.071%
8)	Potency by TGA	91.85%



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.