

Registered Office:

**Anjaneey Enterprise**

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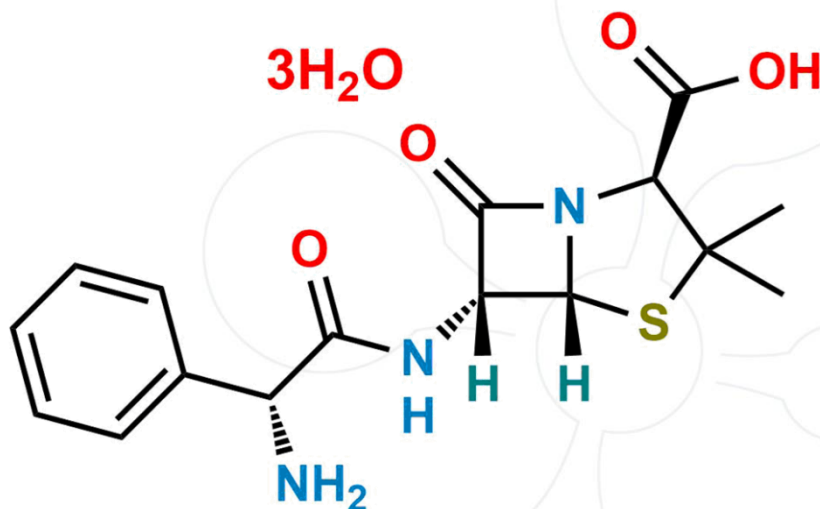


## CERTIFICATE OF ANALYSIS

### Ampicillin Trihydrate In-House Reference Standard

#### Identification

Product Name : Ampicillin Trihydrate In-House Reference Standard  
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  
CAS No. : 7177-48-2  
Molecular Formula : C<sub>16</sub>H<sub>19</sub>N<sub>3</sub>O<sub>4</sub>S · 3H<sub>2</sub>O  
Molecular Weight : 349.4 : 3(18.0)  
Structure :



#### Analytical Information

Appearance of Product : White Solid  
Solubility : Water  
Long Term Storage : 2° 8° C for long term storage  
HPLC Purity : 100.00 %  
Weight Loss by TGA : 6.01 %