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## CERTIFICATE OF ANALYSIS

Analysis Date:

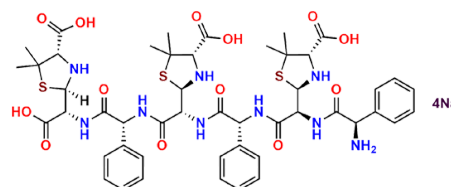
Re-test Date:

**Product Name: Ampicillin Open Ring Trimer**

### Identification:

Chemical Name: (2R,2`R,2``R,4S,4`S,4``S)-2,2`,2``-((1R,7R,10R,13S,16R)-16-amino-1-carboxy-3,6,9,12,15-pentaoxo-4,10,16-triphenyl-2,5,8,11,14-pentaazahexadecane-1,7,13-triyl)tris(5,5-dimethylthiazolidine-4-carboxylic acid) Quaternary sodium salt

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-A59026  
Molecular Formula : C<sub>48</sub>H<sub>59</sub>N<sub>9</sub>O<sub>13</sub>S<sub>3</sub> : 4(Na)  
Molecular Weight : 1066.2 : 4(23.0)



### 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.