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## CERTIFICATE OF ANALYSIS

Analysis Date:

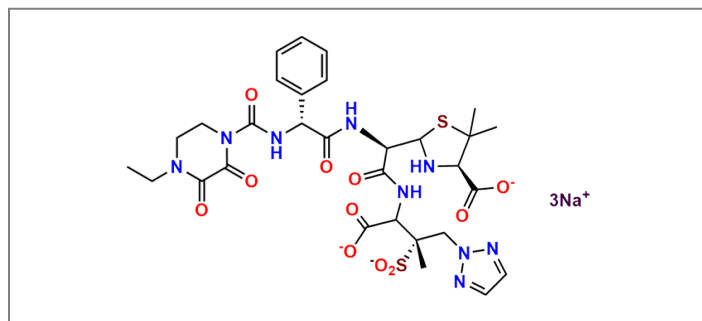
Re-test Date:

**Product Name: Piperacillin Impurity 27**

### Identification:

Chemical Name: trisodium mono((4R)-2-((1R)-2-(((2S)-1-carboxylato-2-methyl-2-sulfonato-3-(2H-1,2,3-triazol-2-yl)propyl)amino)-1-((R)-2-(4-ethyl-2,3-dioxopiperazine-1-carboxamido)-2-phenylacetamido)-2-oxoethyl)-5,5-dimethylthiazolidine-4-carboxylate)

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-P107034  
Molecular Formula : C<sub>30</sub>H<sub>36</sub>N<sub>9</sub>O<sub>11</sub>S<sub>2</sub> : 3(Na)  
Molecular Weight : 762.79 : 3(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.