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CERTIFICATE OF ANALYSIS

Analysis Date:

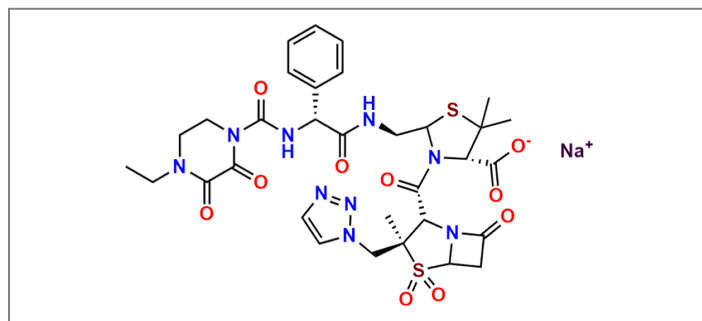
Re-test Date:

Product Name: Piperacillin Impurity 33

Identification:

Chemical Name: sodium (4S)-3-((2S,3S)-3-((1H-1,2,3-triazol-1-yl)methyl)-3-methyl-4,4-dioxido-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carbonyl)-2-(((R)-2-(4-ethyl-2,3-dioxopiperazine-1-carboxamido)-2-phenylacetamido)methyl)-5,5-dimethylthiazolidine-4-carboxylate

Synonyms : NA
CAS Number : NA
CAT Number : CP-P107027
Molecular Formula : C₃₂H₃₈N₉O₁₀S₂ : Na
Molecular Weight : 772.83 : 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.