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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

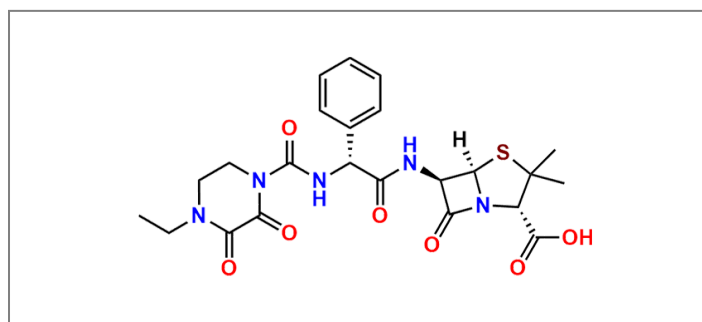
Re-test Date: Jun 2027

Product Name: Piperacillin (In House Standard)

Identification:

Chemical Name: (2S,5R,6R)-6-[(2R)-2-(4-Ethyl-2,3-dioxopiperazine-1-carboxamido)-2-phenylacetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid

Synonyms : NA
CAS Number : 61477-96-1
CAT Number : CP-P107000
Molecular Formula : C₂₃H₂₇N₅O₇S
Molecular Weight : 517.6
Batch Number : CP-PIP-IN-0724
Storage Condition : Tightly closed, Inert atmosphere at -20° C
Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.75%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.