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CERTIFICATE OF ANALYSIS

Analysis Date:

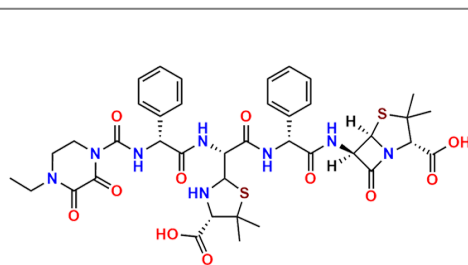
Re-test Date:

Product Name: Piperacillin EP Impurity R

Identification:

Chemical Name: (2S,5R,6R)-6-[(2R)-2-[(2E)-2-[(2E,4S)-4-carboxy-5,5-dimethyl-1,3-thiazolidin-2-yl]-2-[(2R)-2-(4-ethyl-2,3-dioxopiperazine-1-carboxamido)-2-phenylacetamido]acetamido]-2-phenylacetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid (as per EP)

Synonyms : NA
CAS Number : NA
CAT Number : CP-P107075
Molecular Formula : C₃₉H₄₆N₈O₁₁S₂
Molecular Weight : 867



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)	¹ HNMR	Confirm to structure



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.