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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Ticarcillin Sodium EP Impurity E (Mixture of Diastereomers)

Identification:

Chemical Name: (4S)-2-((2-carboxy-2-(thiophen-3-yl)acetamido)methyl)-5,5-dimethylthiazolidine-4-carboxylic acid

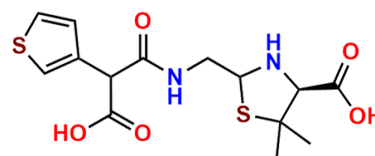
Synonyms : NA

CAS Number : 2747990-79-8

CAT Number : CP-T264003

Molecular Formula : C₁₄H₁₈N₂O₅S₂

Molecular Weight : 358.43



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.