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## CERTIFICATE OF ANALYSIS

Analysis Date:

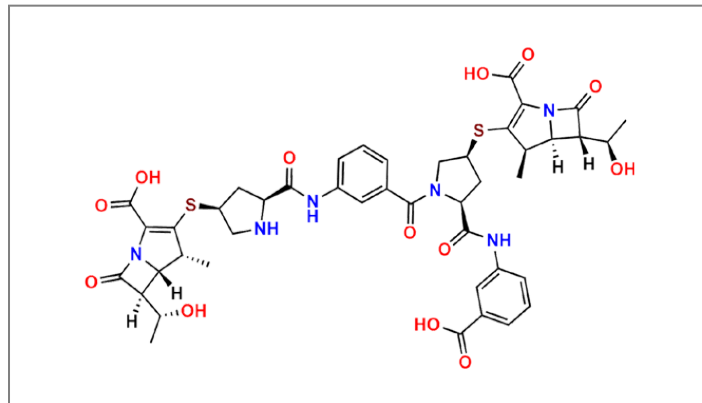
Re-test Date:

**Product Name: Ertapenem N-Carbonyl Dimer Impurity**

### Identification:

Chemical Name: (4R,5S,6S)-3-(((3S,5S)-5-((3-((2S,4S)-4-(((4R,5S,6S)-2-Carboxy-6-((R)-1-hydroxyethyl)-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-en-3-yl)thio)-2-((3-carboxyphenyl)carbamoyl)pyrrolidine-1-carbonyl)phenyl)carbamoyl)pyrrolidin-3-yl)thio)-6-((R)-1-hydroxyethyl)-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid

Synonyms : NA  
CAS Number : 1199797-43-7  
CAT Number : CP-E46002  
Molecular Formula : C<sub>44</sub>H<sub>48</sub>N<sub>6</sub>O<sub>13</sub>S<sub>2</sub>  
Molecular Weight : 933.02



### 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.