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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Ertapenem Impurity 24**

### Identification:

Chemical Name: (4R,5S,6S)-3-(((3S,5R)-5-((3-(((R)-1-((4R,5S,6S)-2-carboxy-3-(((3S,5R)-5-((3-carboxyphenyl)carbamoyl)pyrrolidin-3-yl)thio)-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-en-6-yl)ethoxy)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

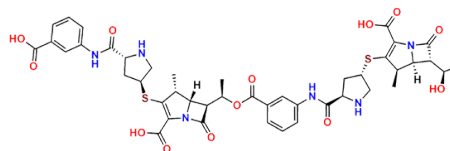
Synonyms : NA

CAS Number : NA

CAT Number : CP-E46039

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



### 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)	<sup>1</sup> 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.