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## CERTIFICATE OF ANALYSIS

Analysis Date:

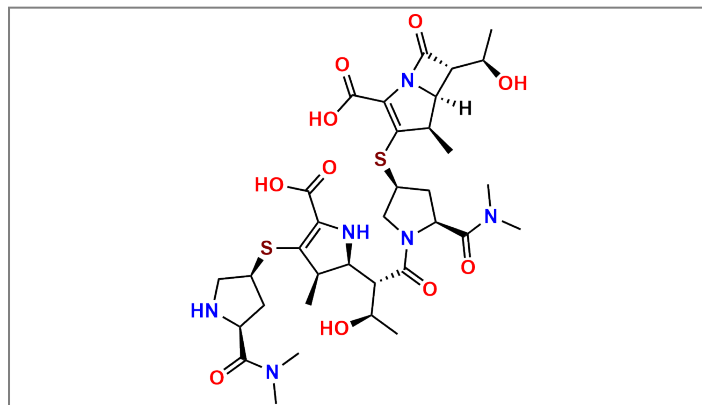
Re-test Date:

**Product Name: Meropenem EP impurity B**

### Identification:

Chemical Name: (4R,5S,6S)-3-[[[(3S,5S)-1-[(2S,3R)-2-[(2S,3R)-5-carboxy-4-[[[(3S,5S)-5-[[dimethylamino]carbonyl]pyrrolidin-3-yl]sulfanyl]-3-methyl-2,3-dihydro-1H-pyrrol-2-yl]-3-hydroxybutanoyl]-5-[[dimethylamino]carbonyl]pyrrolidin-3-yl]sulfanyl]-6-[(1R)-1-hydroxyethyl]-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid

Synonyms : NA  
CAS Number : 166901-45-7  
CAT Number : CP-M30002  
Molecular Formula : C<sub>34</sub>H<sub>50</sub>N<sub>6</sub>O<sub>10</sub>S<sub>2</sub>  
Molecular Weight : 766.93



### 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.