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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

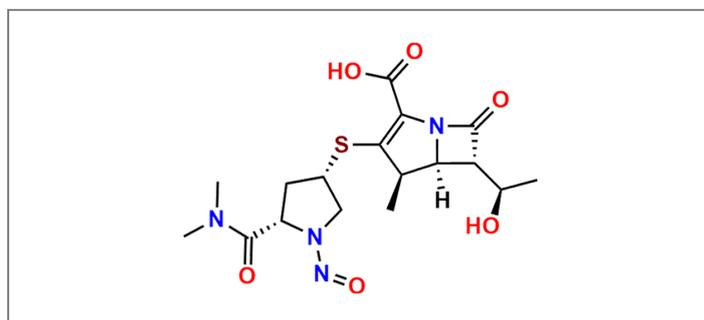
Re-test Date: Dec 2027

Product Name: N-Nitroso Meropenem

Identification:

Chemical Name: (4R,5S,6S)-3-(((3S,5S)-5-(dimethylcarbamoyl)-1-nitrosopyrrolidin-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-M30011
Molecular Formula : C₁₇H₂₄N₄O₆S
Molecular Weight : 412.46
Batch Number : CP-MER-NIT-1225
Storage Condition : Tightly closed, Inert atmosphere at -20° C
Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	Orange Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.49%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	3.507%
7)	Potency by TGA	96.00%



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.