











## CERTIFICATE OF ANALYSIS

**Date:** 31-10-2025

Product Name	N-Nitroso Meropenem Impurity 1					
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				
Structure						
	HO O HO HO					
Batch No.	-	CAS No.	NA			
Analysis Date	3	Retest Date	5			
Mol. Formula	$C_{17}H_{24}N_4O_6S$	Molecular Wt.	412.5			
Long term Storage Condition		00000. 11.1	Store at 2-8 °C in well closed container			
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Test	Result	
Appearance	-	
Solubility	-	
1H-NMR	Conforms to structure	
MASS	Conforms to structure	
Chromatographic Purity	>90%	

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

## **CLEANCHEM LABORATORIES LLP**