











CERTIFICATE OF ANALYSIS

Date: 30-11-2025

Product Name	N-Nitroso Cilastatin Impurity 13	N-Nitroso Cilastatin Impurity 13				
Chemical Name	(Z)-7-(((S)-2-carboxy-2-((S)-2,2-dime carboxamido)hept-2-enoic acid	(Z)-7-(((S)-2-carboxy-2-((S)-2,2-dimethyl-N-nitrosocyclopropane-1-carboxamido) ethyl) thio)-2-((S)-2,2-dimethyl-N-nitrosocyclopropane-1-carboxamido) hept-2-enoic acid				
Structure						
	O O O O O O					
Batch No.	-	CAS No.	NA			
Batch No. Analysis Date	- 17	CAS No. Retest Date	NA 5			
	- 17 C ₂₂ H ₃₂ N ₄ O ₈ S		NA 5 512.58			
Analysis Date	$C_{22}H_{32}N_4O_8S$	Retest Date	5 512.58			

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			