











CERTIFICATE OF ANALYSIS

Date: 30-11-2025

Product Name	N-Nitroso Piperacilin Impurity 4			
Chemical Name	2S,4R)-2-((R)-1-((R)-2-(4-ethyl-2,3-dioxopinitrosothiazolidine-4-carboxylic acid	2S,4R)-2-((R)-1-((R)-2-(4-ethyl-2,3-dioxopiperazine-1-carboxamido)-2-phenylacetamido)-2-methoxy-2-oxoethyl)-5,5-dimethyl-3-nitrosothiazolidine-4-carboxylic acid		
Structure				
	NII IN NI			
Batch No.	_	CAS No.	NA	
Daten No.		CAS NO.	1111	
Analysis Date	3	Retest Date	5	
	$\frac{3}{C_{24}H_{30}N_{o}O_{9}S}$		5 578.6	
Analysis Date		Retest Date	5 578.6	

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			