











## CERTIFICATE OF ANALYSIS

**Date:** 30-10-2025

Product Name	N-Nitroso Spectinomycin Im	N-Nitroso Spectinomycin Impurity F				
Chemical Name		N,N'-((1R,2R,3S,4R,5r,6S)-2,4,6-trihydroxy-5-(((2S,4S,6R)-4-hydroxy-6-methyl-3-oxotetrahydro-2H-pyran-2-yl)oxy)cyclohexane-1,3-diyl)bis(N-methylnitrous amide)				
Structure						
	HO OH NO					
Batch No.	-	CAS No.	NA			
Analysis Date	18	Retest Date	5			
Mol. Formula	$C_{14}H_{24}N_4O_9$	Molecular Wt.	392.37			
Long term Storage Condition		Store at 2-8 °C in well closed contain	Store at 2-8 °C in well closed container			
Handling and Transit Condition		0.500.001 11 1 1 1	25-30 °C in well closed container			

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**