



CERTIFICATE OF ANALYSIS



Date: 30-01-2026

Product Name	Clindamycin Phosphate EP Impurity I		
Chemical Name	Methyl 7-chloro-6,7,8-trideoxy-6-[[[(2S,4R)-1-methyl-4-propylpyrrolidin-2-yl]carbonyl]amino]-2,4-di-O-phosphono-1-thio-L-threo-?-D-galacto-octopyranoside		
Structure	<p>The chemical structure shows a complex carbohydrate molecule. It features a glucose moiety with a phosphate group at the C-1 position. Attached to the C-2 position is a thiomethyl group (-CH2S-). At the C-3 position, there is a methyl group (-CH3). The C-4 position is substituted with a propylpyrrolidin-2-yl group, which is further substituted with a carbonyl group (-C(=O)-) and an amino group (-NH-). The C-5 position is a hydroxyl group (-OH). The C-6 position is a methyl group (-CH3). The C-7 position is a chlorine atom (-Cl). The C-8 position is a deoxy group (-CH2-).</p>		
Batch No.	-	CAS No.	NA
Analysis Date	-	Retest Date	2
Mol. Formula	C ₁₈ H ₃₅ ClN ₂ O ₁₁ P ₂ S	Molecular Wt.	585.1
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	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			

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