



CERTIFICATE OF ANALYSIS



Date: 30-01-2026

Product Name	Clindamycin Phosphate EP Impurity E		
Chemical Name	Methyl 7-chloro-6,7,8-trideoxy-6-[[[(2S,4R)-1-methyl-4-propylpyrrolidin-2-yl]carbonyl]amino]-1-thio-L-threo-2-D-galacto-octopyranoside		
Structure	<p>The chemical structure shows a complex carbohydrate molecule. It features a glucose moiety with a methyl group (Me) at the C1 position, a chlorine atom (Cl) at the C7 position, and a phosphate group (OPO3^2-) at the C6 position. Attached to the C1 position is a thiomethyl group (-SMe). Attached to the C2 position is a propyl group (-CH2CH2CH3). Attached to the C4 position is a pyrrolidin-2-yl group. Attached to the C5 position is a carbonyl group (-C(=O)NH-), which is further linked to a thioether group (-S-CH2-CH2-CH3).</p>		
Batch No.	-	CAS No.	18323-44-9
Analysis Date	-	Retest Date	2
Mol. Formula	C ₁₈ H ₃₃ ClN ₂ O ₅ S	Molecular Wt.	425
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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