

CERTIFICATE OF ANALYSIS

Date: 27-07-2026

Product Name	Amoxicillin Impurity 1		
Chemical Name	3S,6R,7R,2S,2R,2S,2S,7R,6S,3R,3H,2a)3-Amino-2-oxethy-4-[[2-(2-O-amino-2,4,6-trihydro-3-C-methyl-4-L-tyrosylpropanoyl)8-D-glucopyranosyl]oxy]10-19-dichloro-7,22,28,36,32-pentahydroxy-4-[[2R]-4-methyl-2-methylaminoethyl]amino-2,5,24,38,39-pentaoxo-2,3,4,5,6,7,21,24,25,26,36,37,38,39-tetradecahydro-22H-4,11,18,21-dithieno-21,36-dioxolimidazolo [3,1-b:3',3'-dimetheno [1,6,13H]1,4,9-benzoxazacyclodecaden-4,5-m[10,2,16]benzoxazacyclotetramino-26-carboxylic acid		
Structure			
Batch No.		CAS No.	38
Analysis Date		Expiry Date	
Mol. Formula	C ₂₇ H ₃₇ Cl ₂ N ₅ O ₁₃		
Long term Storage Condition	Molecular Wt.		
Handling and Transport Condition	Store at 2-8 °C in well closed container		
	10-30 °C in well closed container		
	P433.2		

Test	Result
Appearance	-
Solubility	-
¹ H-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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