

CERTIFICATE OF ANALYSIS

Date: 01-09-2026

Product Name	Bacitracin EP Impurity H		
Chemical Name	4(R)-5-[(2S)-1-[(3S,6R,9S,12R,15S,21S)-9-[(1H-imidazol-5-yl)methyl]-3-(2-amino-2-oxoethyl)-18-(3-aminopropyl)-12-benzyl-15-(5S)-sec-butyl-6-(carboxymethyl)-2,5,8,11,14,17,20-heptamino-1,4,7,10,13,16,19-heptaazacyclopentacosan-21-yl]amino]-3-methyl-1-oxobutan-2-yl]amino]-4-(2-[(5S)-5-methyl-1-(2-[(5S)-5-methyl-1-oxobutan-2-yl]amino)-2-oxoethyl]-1H-imidazol-4-yl)-1,2-dioxhexan-3-yl]hydrazinyl]-5-oxopentanoic acid		
Structure			
Batch No.	1	CAS No.	144572-55-4
Analysis Date	2	Retest Date	
Mol. Formula	C ₁₁₁ H ₁₆ N ₁₆ O ₁₀ S	Molecular Wt.	1405.6
Long term Storage Condition	Store at 2-8 °C in well closed container		
Flow-Biospec and Transfer Condition	2-5,30 °C in well closed container		

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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