



CERTIFICATE OF ANALYSIS

Date: 30-01-2026

Product Name	Entecavir Impurity 7		
Chemical Name	2-Amino-9-((1R,3R,4S)-4-(hydroxydimethylsilyl)-3-(hydroxymethyl)-2-methylenecyclopentyl)-1,9-dihydro-6H-purin-6-one		
Structure	<p>The chemical structure shows a purine ring system with an amino group (NH2) at position 2 and a carbonyl group (C=O) at position 6. A cyclopentylmethyl group is attached to the purine ring at position 9. The cyclopentylmethyl group is substituted with a hydroxymethyl group (-CH2OH) and a hydroxyl group (-OH). A silicon atom (Si) is bonded to the cyclopentylmethyl group, with two methyl groups (-CH3) and a hydroxyl group (-OH) attached to it.</p>		
Batch No.	-	CAS No.	NA
Analysis Date	-	Retest Date	5
Mol. Formula	C ₁₄ H ₂₁ N ₅ O ₃ Si	Molecular Wt.	335.4
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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