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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

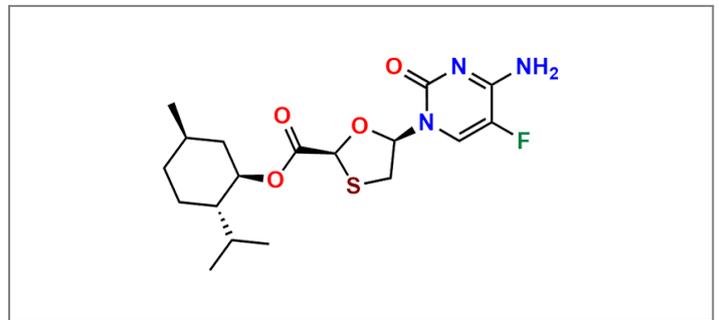
Re-test Date: Dec 2028

Product Name: Emtricitabine Impurity 15

Identification:

Chemical Name: (1R,2S,5R)-2-isopropyl-5-methylcyclohexyl (2S,5R)-5-(4-amino-5-fluoro-2-oxopyrimidin-1(2H)-yl)-1,3-oxathiolane-2-carboxylate

Synonyms : NA
CAS Number : 147126-75-8
CAT Number : CP-E5052
Molecular Formula : C₁₈H₂₆FN₃O₄S
Molecular Weight : 399.48
Batch Number : CP-EMT-15-0126
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.86%
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.024%
8)	Potency by TGA	99.84%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.