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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

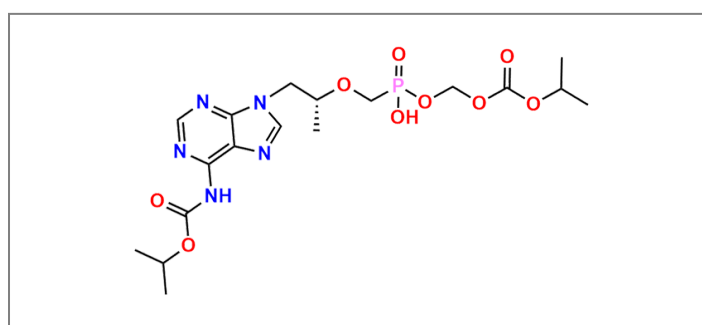
Re-test Date: Mar 2028

Product Name: Tenofovir Disoproxil Fumarate IP Impurity E

Identification:

Chemical Name: (8R)-9-(6-Isopropylaminocarbamate-9H-purin-9-yl)-5-hydroxy-8-methyl-2,4,7-trioxo-5-phosphonanoic Acid 1-Methylethyl Ester 5-Oxide

Synonyms : NA
CAS Number : 1244022-56-7
CAT Number : CP-T5031
Molecular Formula : C₁₈H₂₈N₅O₉P
Molecular Weight : 489.42
Batch Number : CP-TEN-DFE-0426
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	Yellow Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.67%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	6.500%
9)	Potency by TGA	89.45%



Prepared and Reviewed By



Mr. Shubham Bondre
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

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