

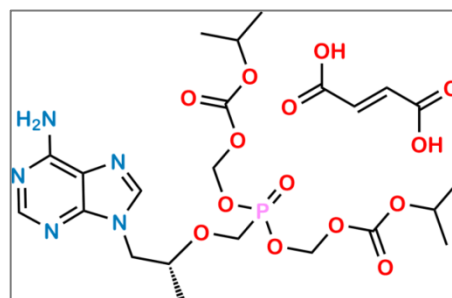
Analysis Date: 28-02-2024

Re-test Date: 28-02-2027

TENOFOVIR DISOPROXIL FUMARATE

Identification

Chemical Name	: 5-[[[(1R)-2-(6-Amino-9H-purin-9-yl)-1-methylethoxy]methyl]-2,4,6,8-tetraoxa-5-phosphanonanedioic acid 1,9-bis(1-methylethyl) ester 5-oxide (2E)-2-butenedioate
CAT No	: ALL-TENO-10
CAS No	: 202138-50-9
Molecular Formula	: C ₂₃ H ₃₄ N ₅ O ₁₄ P
Molecular Weight	: 635.51



Analytical Information

Batch No.	: ALL-TENO-10	HPLC Purity	: 99.75 %
Solubility	: MeOH: ACN	Potency	: 98.94 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.146 %	¹ HNMR	: Confirm
Residue Of Ignition	: 0.657 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.146 + 0.657) \times 99.75] / 100 = 98.94 \%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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