

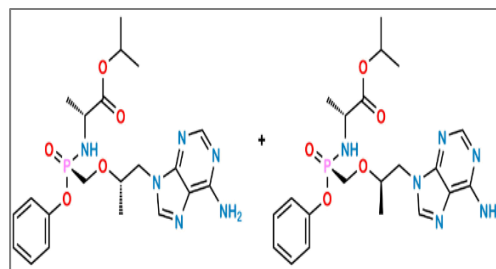
Analysis Date: 26-11-2025

Re-test Date: 26-11-2028

TENOFOVIR IMPURITY 72

Identification

Chemical Name	: Isopropyl ((S)-(((R)-1-(6-amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)(phenoxy)phosphoryl)-D-alaninate compound with isopropyl ((S)-(((S)-1-(6-amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)(phenoxy)phosphoryl)-D-alaninate (1:1)
CAT No	: ALL-TENO-141
CAS No	: N.A.
Molecular Formula	: C ₂₁ H ₂₉ N ₆ O ₅ P
Molecular Weight	: 476.5



Analytical Information

Batch Code	: ALL-TENO-141	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.87%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.024%	1HNMR	: Confirm
Residue Of Ignition	: 0.108%		

Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA } \% + \text{Residue Of Ignition } \%) \times \text{Chromatographic Purity}\%] / 100 = [100 - (0.024 + 0.108) \times 98.00] / 100 = 97.87\%$$

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