

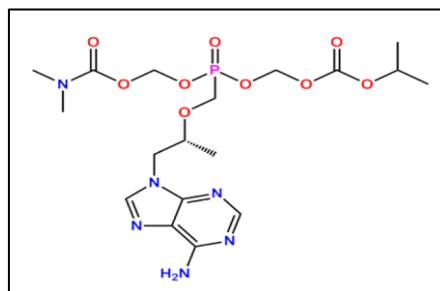
Analysis Date: 31-10-2025

Re-test Date: 31-10-2028

## TENOFOVIR DISOPROXIL FUMARATE IP IMPURITY L

### Identification

Chemical Name	: (1-Methylethyl) (5RS)-5-{[(1R)-2-(6-amino-9H-purin-9-yl)-1-methylethoxy]methyl}-10-methyl-5,9-dioxo-2,4,6,8-tetraoxa-10-aza-5-?5-phosphaundecanoate
CAT No	: ALL-TENO-23
CAS No	: N.A.
Molecular Formula	: C <sub>18</sub> H <sub>29</sub> N <sub>6</sub> O <sub>9</sub> P
Molecular Weight	: 504.43



### Analytical Information

Batch No.	: ALL-TENO-23	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 97.11 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 <sup>0</sup> C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.818 %	<sup>1</sup> H NMR	: Confirm
Residue Of Ignition	: 0.083 %		

### Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.818 + 0.083) \times 98.00] / 100 = 97.11 \%$$

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, <sup>1</sup>H NMR, IR, TGA

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

### Corporate Office

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