

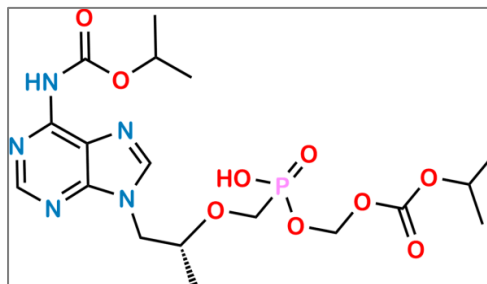
Analysis Date: 29-07-2024

Re-test Date: 29-07-2027

TENOFOVIR DISOPROXIL FUMARATE IP IMPURITY E

Identification

Chemical Name	: (1-Methylethyl) (8R)-5-hydroxy-8-methyl-9-(6-[[[1-methylethoxy)carbonyl]amino]-9H-purin-9-yl)-5-oxo-2,4,7-trioxa-5-?5-phosphanonanoate
CAT No	: ALL-TENO-15
CAS No	: 1244022-56-7
Molecular Formula	: C ₁₈ H ₂₈ N ₅ O ₉ P
Molecular Weight	: 489.4



Analytical Information

Batch No.	: ALL-TENO-15	HPLC Purity	: 95.91 %
Solubility	: MeOH: ACN	Potency	: 93.93 %
Appearance of Product	: Light Green Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.781 %	¹ HNMR	: Confirm
Residue Of Ignition	: 1.281 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.781 + 1.281) \times 95.91] / 100 = 93.93 \%$$

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

NOTE:- MATERIAL IS HYDROSCOPIC IN NATURE. PLEASE HANDLE WITH CARE

Corporate Office

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203