

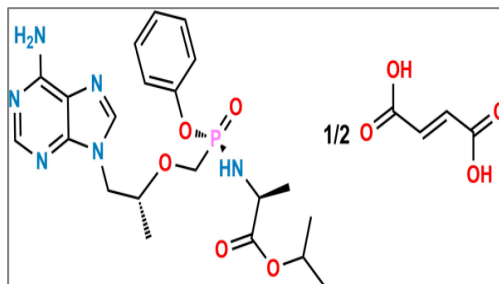
Analysis Date: 04-11-2025

Re-test Date: 04-11-2028

## TENOFOVIR ALAFENAMIDE HEMIFUMARATE

### Identification

|                          |   |
|--------------------------|---|
| <b>Chemical Name</b>     | : (S)-Isopropyl 2-(((S)-(((R)-1-(6-amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)(phenoxy)phosphoryl)amino)propanoate Hemifumarate |
| <b>CAT No</b>            | : ALL-TENO-49   |
| <b>CAS No</b>            | : 1392275-56-7  |
| <b>Molecular Formula</b> | : C <sub>21</sub> H <sub>29</sub> N <sub>6</sub> O <sub>5</sub> P : 1/2(C <sub>4</sub> H <sub>4</sub> O <sub>4</sub> )          |
| <b>Molecular Weight</b>  | : 476.5 : 1/2(116.1)  |



### Analytical Information

|                              |                      |                         |           |
|------------------------------|----------------------|-------------------------|-----------|
| <b>Batch No.</b>             | : ALL-TENO-49        | <b>HPLC Purity</b>      | : 98.00%  |
| <b>Solubility</b>            | : MeOH: ACN          | <b>Potency</b>          | : 95.14%  |
| <b>Appearance of Product</b> | : Off White Solid    | <b>Mass</b>             | : Confirm |
| <b>Long Term Storage</b>     | : 2-8 <sup>o</sup> C | <b>IR Analysis</b>      | : Confirm |
| <b>Weight Loss By TGA</b>    | : 1.256 %            | <b><sup>1</sup>HNMR</b> | : Confirm |
| <b>Residue Of Ignition</b>   | : 1.658 %            |                         |           |

### Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (1.256 + 1.658) \times 98.00] / 100 = 95.14\%$$

**Recommendation** : Released

|                          | Department | Name                               | Signature |
|--------------------------|------------|------------------------------------|-----------|
| Prepared and Reviewed by | Analytical | Mr. Vipul khadase<br>Jr. Executive |           |
| Approved By              | QA&QC      | Dr. Ashish Keche<br>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