Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

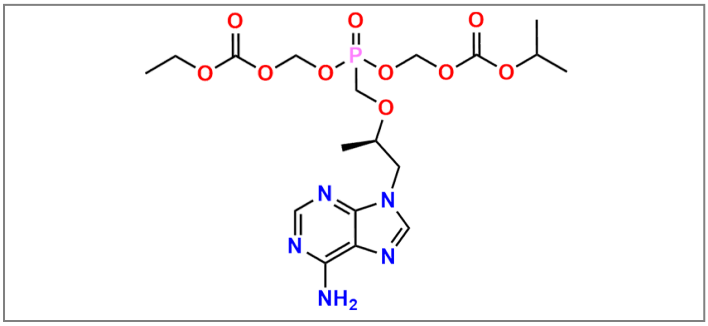
# CERTIFICATE OF ANALYSIS

Analysis Date: Re-test Date:

**Product Name: Tenofovir Isopropyl Ethyl Diester**

**Identification:**

Chemical Name: Ethyl 1-methylethyl (5RS)-5-{[(1R)-2-(6-amino-9H-purin-9-yl)-1-methylethoxy]methyl}-5-oxo-2,4,6,8-tetraoxa-5-λ5-phosphanonanedioate



| | | |
|---|---|---|
| Synonyms | : | Tenofovir Disoproxil Fumarate IP Impurity M |
| CAS Number | : | 1422284-16-9 |
| CAT Number | : | CP-T5030 |
| Molecular Formula | : | C18H28N5O10P |
| Molecular Weight | : | 505.42 |
| Storage Condition | : | Tightly closed, Inert atmosphere at 2 to 8° C |
| Shipping condition | : | All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA |

**Analytical Information:**

| Sr. No. | Test | Result |
|---|---|---|
| 1) | Description | Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | Mass Spectrometry | Confirm to structure |
| 4) | Purity By HPLC | >95% |
| 5) | 1HNMR | Confirm to structure |
| 6) | FT-IR | Confirm to Structure |
| 7) | Weight loss by TGA | - |
| 8) | Potency | - |

**Prepared and Reviewed By**

Mr. Shubham Bondre
(Quality Control)

**Approved By**

Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.