

# Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

E-mail: [greenindustry@163.com](mailto:greenindustry@163.com)

Web: [www.taiangreenindustry.com](http://www.taiangreenindustry.com)

## TECHNICAL DATA SHEETS

1. Product name: Tenofovir Alafenamide Fumarate
2. Chemical Name:  
N-[(S)-[[[(1R)-2-(6-Amino-9H-purin-9-yl)-1-methylethoxy]methyl]phenoxyphosphiny  
l]-L-alanine 1-methylethyl ester (2E)-2-butenedioate (2:1); GS 7340-03
3. CAS No.: 1392275-56-7
4. MF:  $2(C_{21}H_{29}N_6O_5P).C_4H_4O_4$
5. MW: 1069.02
6. Technical specifications

Item	Specifications	Results
Appearance	White to off-white powder	White powder
Assay	$\geq 99\%$	99.2%
Any single impurity	$\leq 0.1\%$	0.02%
Moisture	$\leq 1\%$	0.6%
Heavy metals	$\leq 20\text{ppm}$	12ppm
Conclusion	The results conforms with enterprise standards	

### 7. Usage

Tenofovir alafenamide (TAF), a novel nucleotide reverse transcriptase inhibitor developed by Gilead, treats chronic hepatitis B virus infection and compensatory liver disease. Tenofovir alafuamine is an oral prodrug of tenofovir (TFV), a modified version of the marketed drug tenofovir disoproxil fumarate (TDF), compared to TDF, TAF clinically The dosage is smaller, and it is easier to enter the cell to exert the effect, the antiviral effect is stronger, and the adverse reaction is reduced.

### 8. Package

25kg/drum