



# Certificate of analysis

Productname: Tafluprost

Cas number: 209860-87-7

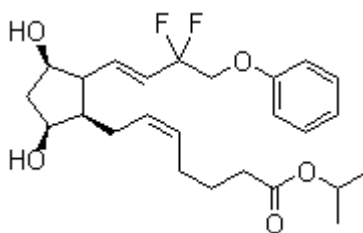
Molecular Formula: C<sub>25</sub>H<sub>34</sub>F<sub>2</sub>O<sub>5</sub>

Molecular Weight: 452.53

Date of production: May. 16, 2017

Batch NO: 20170516

Exp Date: May. 15, 2019



Chemical structure:

Items	Specifications	Results
Description	pale yellow to colorless Oil	Conforms
<b>Identification</b>	NMR HPLC	Conforms
Specific Rotation	+17.0° ~ +25°	+20.0°
Water	< 0.5 %	0.25%
Related substances	Impurity A ≤ 0.6% Impurity B ≤ 0.6 % Impurity C ≤ 0.5 % Any other impurity: ≤ 0.1 % Total other impurities: ≤ 1.0 %	0.09% 0.20% Not detectable 0.01% 0.30%
Residue Solvent	Ethanol: ≤ 1000PPM n-Hexane: ≤ 50PPM Ethyl acetate ≤ 1000ppm	Not detectable 22ppm Not detectable
Purity by HPLC	97.0-103% (On anhydrous basis)	99.4 %

**Conclusion: It complies with the Enterprise Standard.**

Analyst: Zhao

Checker: Liu

Q.C Director: Fang F

