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## CERTIFICATE OF ANALYSIS

Analysis Date: May 2026

Re-test Date: Apr 2029

**Product Name: Latanoprost EP Impurity H**

### Identification:

Chemical Name: ((Z)-7-((1R,2R,3R,5S)-3,5-Dihydroxy-2-((3R)-3-hydroxy-5-phenylpentyl)cyclopentyl)-5-heptenoic acid)  
(as per USP)

Synonyms : Latanoprost USP Related  
Compound E ; Latanoprost Acid

CAS Number : 41639-83-2

CAT Number : CP-L32008

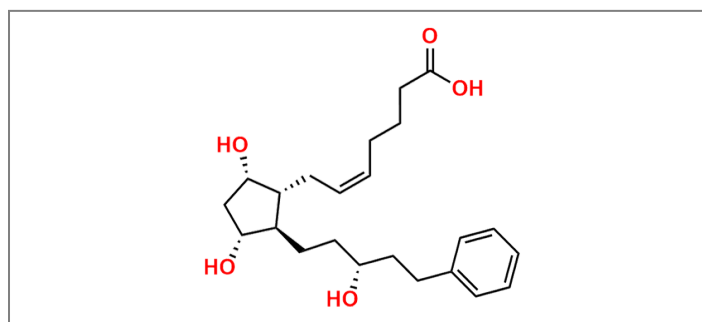
Molecular Formula : C<sub>23</sub>H<sub>34</sub>O<sub>5</sub>

Molecular Weight : 390.52

Batch Number : CP-LAT-H-0526

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	Pale Yellow Thick Oil
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	92.83%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	1.269%
9)	Potency by TGA	91.65%



**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.