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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2023

Re-test Date: Feb 2025

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

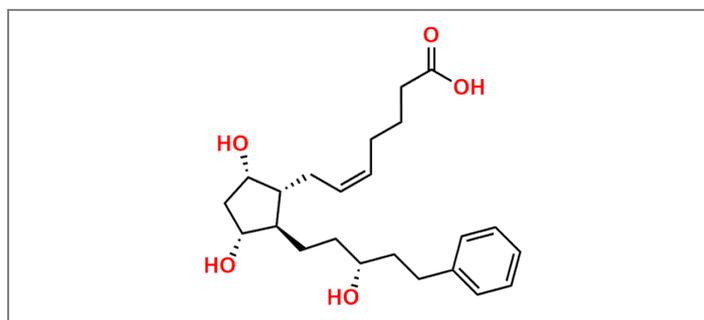
Molecular Formula : C₂₃H₃₄O₅

Molecular Weight : 390.52

Batch Number : CHEM-LAT-H

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	Colorless Thick Oil
2)	Solubility	Soluble in Methanol/CDCl ₃
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	94.22%
5)	¹ HNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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