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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2023

Re-test Date: Feb 2025

Product Name: Latanoprost EP Impurity F

Identification:

Chemical Name: Isopropyl (E)-7-((1R,2R,3R,5S)-3,5-dihydroxy-2-((R)-3-hydroxy-5-phenylpentyl)cyclopentyl)hept-5-enoate

Synonyms : Latanoprost USP Related
Compound A ; 5,6-trans-
Latanoprost

CAS Number : 913258-34-1

CAT Number : CP-L32006

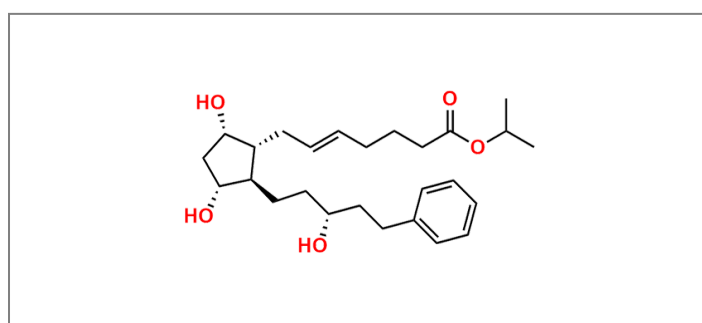
Molecular Formula : C₂₆H₄₀O₅

Molecular Weight : 432.60

Batch Number : CHEM-LAT-F

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	Colourless Oil
2)	Solubility	Soluble in Methanol/CDCI ₃
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.37%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.391%
8)	Potency by TGA	94.97%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

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