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## CERTIFICATE OF ANALYSIS

Analysis Date: May 2026

Re-test Date: Apr 2029

**Product Name: 15-epi Bimatoprost**

### Identification:

Chemical Name: (Z)-7-((1R,2R,3R,5S)-3,5-Dihydroxy-2-((R,E)-3-hydroxy-5-phenylpent-1-en-1-yl)cyclopentyl)-N-ethylhept-5-enamide

Synonyms : (15R)-Bimatoprost

CAS Number : 1163135-92-9

CAT Number : CP-B40004

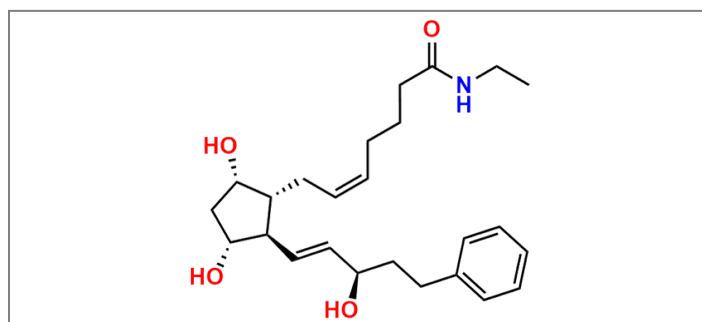
Molecular Formula : C<sub>25</sub>H<sub>37</sub>NO<sub>4</sub>

Molecular Weight : 415.57

Batch Number : CP-BIM-15EPI-0526

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Brown Sticky mass
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	99.72%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	FT-IR	Confirm to Structure
8)	Weight loss by TGA	3.912 %
9)	Potency	95.82%

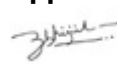


**Prepared and Reviewed By**



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.