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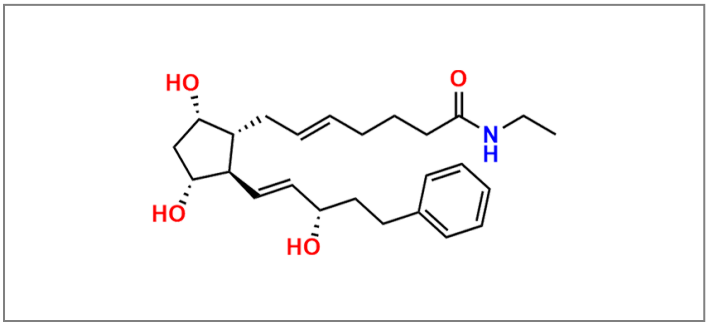
# CERTIFICATE OF ANALYSIS

Analysis Date: May 2026 Re-test Date: Apr 2029

**Product Name: Bimatoprost USP Related Compound A**

**Identification:**

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




| | | |
|---|---|---|
| Synonyms | : | 5,6-trans-Bimatoprost ; (5E)-Bimatoprost |
| CAS Number | : | 1163135-95-2 |
| CAT Number | : | CP-B40002 |
| Molecular Formula | : | C25H37NO4 |
| Molecular Weight | : | 415.57 |
| Batch Number | : | CP-BIM-RCA-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 | Colorless Liquid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | Mass Spectrometry | Confirm to structure |
| 4) | Purity By HPLC | 97.49% |
| 5) | 1HNMR | Confirm to structure |
| 6) | 13CNMR | Confirm to Structure |
| 7) | FT-IR | Confirm to Structure |
| 8) | Weight loss by TGA | 0.294% |
| 9) | Potency | 97.20% |

**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.