

## CERTIFICATE OF ANALYSIS

Date: 04-02-2026

|                                |   |               |       |
|--------------------------------|---|---------------|-------|
| Product Name                   | <b>Bimatoprost Cyclohexyl Amide</b>   |               |       |
| Chemical Name                  | (Z)-N-Cyclohexyl-7-((1R,2R,3R,5S)-3,5-dihydroxy-2-((S,E)-3-hydroxy-5-phenylpent-1-en-1-yl)cyclopentyl)hept-5-enamide  |               |       |
| Structure                      | <p>The chemical structure shows a complex molecule. It features a cyclohexyl group attached to an amide group (CONH). This amide group is linked to a hept-5-enyl chain. The hept-5-enyl chain has a double bond between the 5th and 6th carbons. The chain also includes a cyclopentyl group substituted with a 5-phenylpent-1-en-1-yl group. The phenyl group is attached to a pent-1-enyl chain, which has a double bond between the 1st and 2nd carbons. The pent-1-enyl chain is further substituted with a 3-hydroxy-5-phenylpent-1-en-1-yl group. This group consists of a pent-1-enyl chain with a double bond between the 1st and 2nd carbons, substituted with a phenyl group and a 3-hydroxy-5-phenylpent-1-en-1-yl group. The phenyl group is attached to a cyclopentyl group, which is substituted with a 3,5-dihydroxy-2-((S,E)-3-hydroxy-5-phenylpent-1-en-1-yl)cyclopentyl group. This final group is a cyclopentyl ring with a hydroxyl group (HO) and a 3,5-dihydroxy-2-((S,E)-3-hydroxy-5-phenylpent-1-en-1-yl) group.</p> |               |       |
| Batch No.                      | -   | CAS No.       | NA    |
| Analysis Date                  | -   | Retest Date   | -     |
| Mol. Formula                   | C <sub>29</sub> H <sub>43</sub> NO <sub>4</sub>   | Molecular Wt. | 469.7 |
| Long term Storage Condition    | Store at 2-8 °C in well closed container  |               |       |
| Handling and Transit Condition | 25-30 °C in well closed container   |               |       |

| Test                   | Result                |
|------------------------|-----------------------|
| Appearance             | -                     |
| Solubility             | -                     |
| 1H-NMR                 | Conforms to structure |
| MASS                   | Conforms to structure |
| Chromatographic Purity | >90%                  |

**Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.**

|           | Prepared By | Checked By | Approved By |
|-----------|-------------|------------|-------------|
| Signature |             |            |             |
| Date      |             |            |             |

### CLEANCHEM LABORATORIES LLP

Plot No. A-737/2, TTC Industrial Area, MIDC Khairane, Navi Mumbai, Maharashtra, INDIA- 400710

sales@cleanchemlab.com +91-9324132198 www.cleanchemlab.com