



## CERTIFICATE OF ANALYSIS

Date: 27-07-2026

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |       |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------|
| Product Name                   | Selamectin EP Impurity C                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |       |
| Chemical Name                  | [2aE,2'R,4E,5'S,6S,6'S,7S,8E,11R,15S,17aR,20Z,20aR,20bS)-6'-Cyclohexyl-7,20b-dihydroxy-20-(hydroxyimino)-3',4',5',6,6',7,10,11,14,15,17a,20,20a,20b-tetradecahydrospiro[2H,17H-11,15-methanofuro[4,3,2-pq][2,6]benzodioxacyclooctadecene-13,2'-pyran]-17-one ((5Z,21R,25S)-25-cyclohexyl-13-O-de[2,6-dideoxy-4-O-(2,6-dideoxy-3-O-methyl-a-L-arabino-hexopyranosyl)-3-O-methyl-a-L-arabino-hexopyranosyl]-5-demethoxy-25-de(1-methylpropyl)-22,23-dihydro-5-(hydroxyimino)avermectin A1a) |               |       |
| Structure                      |                                                                                                                                                                                                                                                                                                                                                                                                          |               |       |
| Batch No.                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CAS No.       | NA    |
| Analysis Date                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Retest Date   | 4     |
| Mol. Formula                   | C <sub>23</sub> H <sub>41</sub> NO <sub>5</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                           | Molecular Wt. | 625.8 |
| 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                                                                                                                                                                                                                      | -                     |
| <sup>1</sup> H-NMR                                                                                                                                                                                                              | Conforms to structure |
| MASS                                                                                                                                                                                                                            | Conforms to structure |
| Chromatographic Purity                                                                                                                                                                                                          | >90%                  |
| <b>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.</b> |                       |

|           | 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