



## CERTIFICATE OF ANALYSIS

Date: 04-08-2026

|                                |                                                                                                                                                                                                                                                                                                                                                                                                        |               |        |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------|
| Product Name                   | Daptomycin Impurity 20                                                                                                                                                                                                                                                                                                                                                                                 |               |        |
| Chemical Name                  | [2-(1S,3S,5S,9S,13S,16R,21S,24S,30S,31R)-50-(1S,2-(4R)-2-(5S)-3-(1H-indol-3-yl)-2-(8-methylnonanamido)propanamido)-4-amino-4-oxobutanamido)-3-carboxypropanamido)-3-(2-(2-aminophenyl)-2-methoxy)-24-(3-aminopropyl)-6-(R)-1-carboxypropan-2-yl)-9-hydroxymethyl)-18,31-dimethyl-2,5,8,11,14,17,20,23,26,29-decano-1-oxo-4,7,10,13,16,19,22,25,28-nonaazacyclotriacontane-15,21-diyl)dicarboxylic acid |               |        |
| Structure                      |                                                                                                                                                                                                                                                                                                                       |               |        |
| Batch No.                      |                                                                                                                                                                                                                                                                                                                                                                                                        | CAS No.       | NA     |
| Analyte Date                   |                                                                                                                                                                                                                                                                                                                                                                                                        | Expiry Date   | 2      |
| Mol. Formula                   | $C_{114}H_{166}N_{28}O_{36}$                                                                                                                                                                                                                                                                                                                                                                           | Molecular Wt. | 1620.7 |
| 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                                                                                                                                                                                                                      | -                     |
| <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