

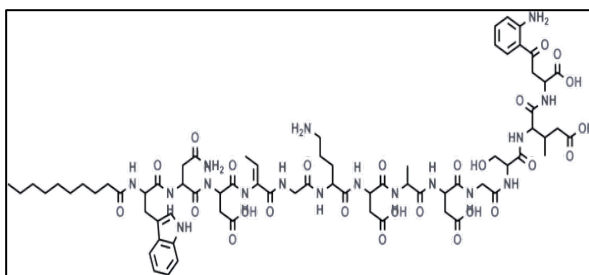
Analysis Date: 25-06-2025

Re-test Date: 25-06-2028

## DAPTOMYCIN IMPURITY 32

### Identification

|                          |   |
|--------------------------|---|
| <b>Chemical Name</b>     | : (Z)-32-(4-Amino-2-(2-decanamido-3-(1H-indol-3-yl)propanamido)-4-oxobutanamido)-2-(2-(2-aminophenyl)-2-oxoethyl)-23-(3-aminopropyl)-14,20-bis(carboxymethyl)-5-(1-carboxypropan-2-yl)-29-ethylidene-8-(hydroxymethyl)-17-methyl-4,7,10,13,16,19,22,25,28,31-decaoxo-3,6,9,12,15,18,21,24,27,30-decaazatetradecacontanedioic acid |
| <b>CAT No</b>            | : ALL-D07812  |
| <b>CAS No</b>            | : N.A.  |
| <b>Molecular Formula</b> | : C72H101N17O26   |
| <b>Molecular Weight</b>  | : 1620.7  |



### Analytical Information

|                              |                                   |                    |           |
|------------------------------|-----------------------------------|--------------------|-----------|
| <b>Batch Code</b>            | : ALL-D07812                      | <b>HPLC Purity</b> | : 98.00%  |
| <b>Solubility</b>            | : USP Diluent / EP Diluent (MEOH) | <b>Potency</b>     | : 97.53   |
| <b>Appearance of Product</b> | : Off White Solid                 | <b>Mass</b>        | : Confirm |
| <b>Long Term Storage</b>     | : -20 <sup>0</sup> C              | <b>IR Analysis</b> | : Confirm |
| <b>Weight Loss By TGA</b>    | : 0.149%                          | <b>1HNMR</b>       | : Confirm |
| <b>Residue Of Ignition</b>   | : 0.279%                          |                    |           |

### Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.149 + 0.279) \times 98.00] / 100 = 97.53\%$$

**Recommendation** : Released

|                          | Department | Name                               | Signature |
|--------------------------|------------|------------------------------------|-----------|
| Prepared and Reviewed by | Analytical | Mr. Vipul Khadase<br>Jr. Executive |           |
| Approved By              | QA&QC      | Dr. Ashish Keche<br>Director QA&QC |           |

**Attachment** : HPLC, Mass, 1H NMR, IR, TGA

**Shipping Condition** : All Product are stable to be shipped at room temperature, unless otherwise specified

#### Corporate Office