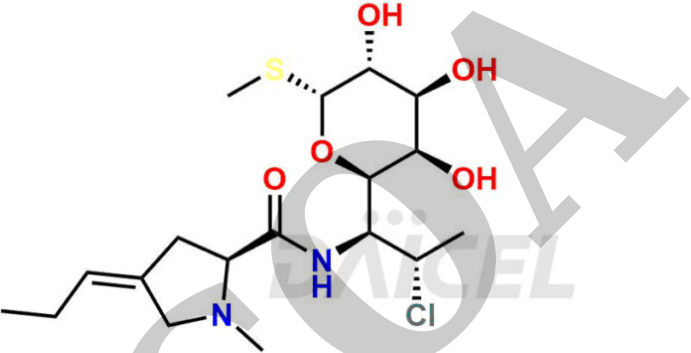




ISO 9001:2015 CERTIFIED      CERTIFICATE OF ANALYSIS

|                       |                                                                                                                                                               |                                                                                      |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Product Name          | Clindamycin impurity E                                                                                                                                        |                                                                                      |
| Molecular Formula     | C <sub>18</sub> H <sub>31</sub> ClN <sub>2</sub> O <sub>5</sub> S                                                                                             |  |
| Molecular Weight      | 422.97                                                                                                                                                        |                                                                                      |
| Batch Number          | XX-XXXX                                                                                                                                                       |                                                                                      |
| Batch Quantity        | XXX                                                                                                                                                           |                                                                                      |
| Date of Manufacturing | DD-MM-YYYY                                                                                                                                                    |                                                                                      |
| Date of Analysis      | DD-MM-YYYY                                                                                                                                                    |                                                                                      |
| Next Retest Date      | DD-MM-YYYY                                                                                                                                                    |                                                                                      |
| Catalogue Number      | DCTI-C-1985                                                                                                                                                   |                                                                                      |
| CAS Number            | 1440605-51-5                                                                                                                                                  |                                                                                      |
| COA Number            | PA-XXXX                                                                                                                                                       |                                                                                      |
| IUPAC Name            | (S,Z)-N-((1S,2S)-2-chloro-1-((2R,3R,4S,5R,6R)-3,4,5-trihydroxy-6-(methylthio)tetrahydro-2H-pyran-2-yl)propyl)-1-methyl-4-propylidenepyrrolidine-2-carboxamide |                                                                                      |
| Storage and Handling  | 2-8°C                                                                                                                                                         |                                                                                      |

| Sl. No | * Test                                        | Result |
|--------|-----------------------------------------------|--------|
|        | Description                                   |        |
| 1.     | Identification i) By IR ii) By NMR iii) By MS | --     |
| 2.     | Chromatographic Purity (% by HPLC)            | --     |

Remarks: \*Test or tests as mentioned above may vary as per the product nature or customer's requirement

| Function      | Compiled by         | Reviewed by         | Reviewed by       | Approved by       |
|---------------|---------------------|---------------------|-------------------|-------------------|
| Name          | xxx                 | xxx                 | xxx               | xxx               |
| Department    | Pharma Standards QC | Pharma Standards QC | Quality Assurance | Quality Assurance |
| Sign and Date |                     |                     |                   |                   |

|                  |                                         |
|------------------|-----------------------------------------|
| Attachments      | IR, NMR, MS spectra, HPLC Chromatogram. |
| Date of Shipment | DD-MMM-YYYY                             |