

**TRUE COPY**  
DNV

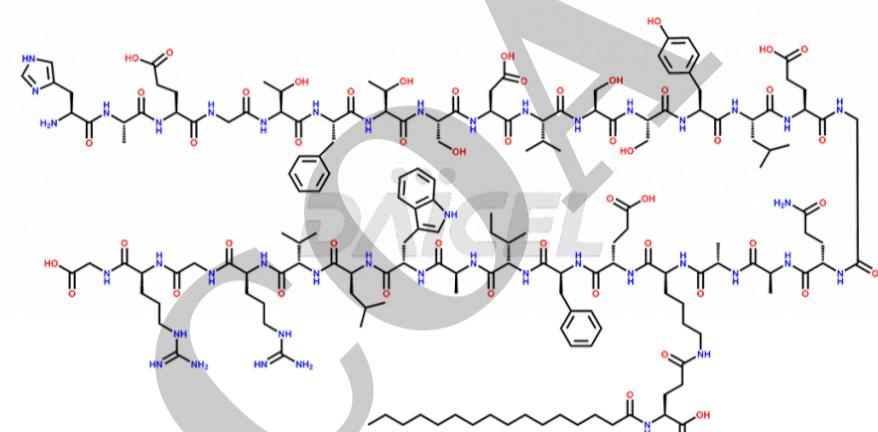
  
**DAICEL CHIRAL TECHNOLOGIES**  
(INDIA) PRIVATE LIMITED  
SUBSIDIARY OF **DAICEL** DAICEL CORPORATION



**ISO 9001:2015 CERTIFIED**

**CERTIFICATE OF ANALYSIS**

|                              |  |
|------------------------------|--|
| <b>Product Name</b>          | D-Ile(29)-Liraglutide  |
| <b>Molecular Formula</b>     | C <sub>172</sub> H <sub>265</sub> N <sub>43</sub> O <sub>51</sub>  |
| <b>Molecular Weight</b>      | 3751.26  |
| <b>Batch Number</b>          | XX-XXXX  |
| <b>Batch Quantity</b>        | XXX  |
| <b>Date of Manufacturing</b> | DD-MM-YYYY   |
| <b>Date of Analysis</b>      | DD-MM-YYYY   |
| <b>Next Retest Date</b>      | DD-MM-YYYY   |
| <b>Catalogue Number</b>      | XX   |
| <b>CAS Number</b>            | NA   |
| <b>COA Number</b>            | PA-XXXX  |
| <b>IUPAC Name</b>            | His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys (γ-Glu-palmitoyl)-Glu-Phe-D-Ile-Ala-Trp-Leu-Val-Arg-Gly-Arg-Gly-OH |
| <b>Storage and Handling</b>  | -20±5°C protect from light and moisture  |



| 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                             |

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