



ISO 9001:2015 CERTIFIED

CERTIFICATE OF ANALYSIS

|                              |  |  |
|------------------------------|--|--|
| <b>Product Name</b>          | [β-Ala-35]-Tirzepatide   |  |
| <b>Molecular Formula</b>     | C <sub>225</sub> H <sub>348</sub> N <sub>48</sub> O <sub>68</sub>  |  |
| <b>Molecular Weight</b>      | 4813.53  |  |
| <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>      | DCTI-D-341   |  |
| <b>CAS Number</b>            | NA   |  |
| <b>COA Number</b>            | PA-XXXX  |  |
| <b>IUPAC Name</b>            | H-Tyr-Aib-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile-Aib-Leu-Asp-Lys-Ile-Ala-Gln-Lys(AEEAc-AEEAc-γ-Glu-18-carboxy nonadecanoyl)-Ala-Phe-Val-Gln-Trp-Leu-Ile-Ala-Gly-Gly-Pro-Ser-Ser-Gly-β-Ala-Pro-Pro-Pro-Ser-NH <sub>2</sub> |  |
| <b>Storage and Handling</b>  | -20±5°C, Protect from light and moisture   |  |

| Sl. No | * Test  | Result |
|--------|---|--------|
|        | <b>Description</b>                            |        |
| 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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