



ISO 9001:2015 CERTIFIED

CERTIFICATE OF ANALYSIS

| | | |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Product Name | [β-Ala18]-Tirzepatide | |
| Molecular Formula | C ₂₂₅ H ₃₄₈ N ₄₈ O ₆₈ | |
| Molecular Weight | 4813.53 | |
| 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-D-321 | |
| CAS Number | NA | |
| COA Number | PA-XXXX | |
| IUPAC Name | H-Tyr-Aib-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile-Aib-Leu-Asp-Lys-Ile-β-Ala-Gln-Lys(AEEAc-AEEAc-γ-Glu-18-carboxy nonadecanoyl)-Ala-Phe-Val-Gln-Trp-Leu-Ile-Ala-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH ₂ | |
| Storage and Handling | -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 | | | | |

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

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