



BioPharmaSpec Ltd - Protein Identification and Characterization

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CERTIFICATE OF ANALYSIS

REPORT NO. CRM/LAB/TR10/2026

Certified: 06-08-2026

Client: Glowup Peptides Inc.

Report Issued To: Noah Williams, Laboratory Director

SAMPLE INFORMATION

|                     |                                                       |                    |                |
|---------------------|-------------------------------------------------------|--------------------|----------------|
| Sample Name         | Tirzepatide 10 mg/vial                                |                    |                |
| Active Ingredient   | Tirzepatide (GIP/GLP-1 Receptor Dual Agonist Peptide) |                    |                |
| Manufacturer/Brand  | Glow.                                                 |                    |                |
| Package             | Lyophilized powder, single-use vial                   | Exp. Date          | 03-08-2028     |
| Batch/Lot No.       | GUP-TR10-20260803                                     | Received Date      | 03-08-2026     |
| Sample Condition    | Received sealed, intact                               | Sample Qty         | 1 vial         |
| Storage Condition   | Store below 25C, away from direct sunlight            | Company Reg. No.   | 13507942       |
| Sample Submitted By | Noah Williams, Laboratory Director                    | Country of Testing | United Kingdom |

Reference Protocol: CRM-SOP-2026, CMC-LAB/SOP/TR10  
Analysis Started: 03-08-2026 | Review/Release: 06-08-2026

TEST RESULTS

| Test Parameter / Specification                                                                                           | Result      |
|--------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>Description</b><br>Specification: White to off-white powder; Method: Visual                                           | Complies    |
| <b>Nominal Volume</b><br>Specification: 1.9-2.1ml; Method: Gravimetric                                                   | 2.00ml      |
| <b>Identification</b><br>Specification: Positive for Tirzepatide (GIP/GLP-1 Receptor Dual Agonist Peptide); Method: HPLC | Complies    |
| <b>Assay of Tirzepatide (GIP/GLP-1 Receptor Dual Agonist Peptide)</b><br>Specification: 98.0%-102.0%; Method: HPLC       | 99.5%       |
| <b>Water Content</b><br>Specification: NMT 5.0%; Method: KF                                                              | 3.0%        |
| <b>Bacterial Endotoxin</b><br>Specification: NMT 0.2 EU/mg; Method: USP<85>                                              | <0.07 EU/mg |



This Certificate of Analysis certifies that the sample submitted by GLOWUP PEPTIDES INC. was tested by BioPharmaSpec Ltd using validated analytical methods and was found to **COMPLIES** with the declared specifications and is of standard pharmaceutical quality with respect to the parameters tested.

Isla Taylor

Isla Taylor  
Chief Analyst  
BioPharmaSpec Ltd



Noah Williams

Noah Williams  
Laboratory Director  
BioPharmaSpec Ltd