# CERTIFICATE OF ANALYSIS

Artifact ID: coa_cbf765572a53dea71ab54b55d3dc6b88

**ORDERED BY**

ZYCARE PEPTIDES.COM

Your Peptide Brand

**PRODUCT**

| | |
|---|---|
| NAME | GLP-RT 20 mg |
| SKU | YPC.213 |
| CATEGORY | Identify, Purity, Assay, Heavy metals and Microbial. |

**SAMPLE**

| | |
|---|---|
| BATCH | 20261212L07CSU100 |
| TESTED | 2026-05-11 |

**DESCRIPTION**

Vial with white powder to white off-white lyophilized powder sealed with plastic security cap. Flag tag attached at neck with manufacturer / product SKU number, PO, and expiration

**PERFORMING LAB**

**Analytical Formulations, Inc.**
LAB Zycare Peptides
Link Zycarepeptide.com
Lab certified result data: 2026-05-16

Vial image not provided

Submitted vial — YPB.222

**DIGITALLY SIGNED BY**
Zycare Peptides

| | |
|---|---|
| ISSUED | 2026-05-23 |
| ISSUER | Sectigo RSA Document Signing CA |
| ALGORITHM | RSA-SHA512 |
| FIELD | Purity Signature |
| TYPE | adbe.pkcs.deatached |
| CERT SERIAL | 10251225M04CC6S10 |
| CERT SHA-256 | E2467E58CFKE3DA8.....AF9CBFFB76666610 |
| TIMESTAMP | Sectigo RFC 3161 TSA |

Click this panel in Adobe Reader to validate the embedded signature. Cryptographic validity is also shown at verify.zycarepeptides.com.

## ANALYTICAL RESULTS

| COMPONENT | ANALYTE | SPECIFICATION | RESULT | P/F |
|---|---|---|---|---|
| GLP-RT 20 mg | Qualitative ID (Lambda Max) | TS λmax is a match compared to its characteristic reference standard. | Matches | ✓ |
| | Percent Purity | NLT 98% $r_{xy} = \frac{\sum (x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum (x_i - \bar{x})^2} \cdot \sqrt{\sum (y_i - \bar{y})^2}}$ | 99.93% | ✓ |
| GLP-RT 20 mg | Quantitative Assay | NLT 95% label claim $\% = \frac{A_{TS}}{A_{STD}} \times \frac{C_{STD}}{C_{TS}} \times 100$ | 20.63 | ✓ |
| | Heavy Metals (Total Quantity) | NMT 150 ppb/vial (including Pb, Cd, Hg, Ni, Fe & Co) | <20 ppb | ✓ |
| | TAMC (Aerobic/Coliform) | NMT 1,000 CFU · Incubated 48 hrs @ 37°C | 0 CFU | ✓ |
| | TYMC (Yeast & Molds) | NMT 100 CFU · Incubated 48 hrs @ 30°C | 0 CFU | ✓ |

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## METHODS

- Qualitative ID - Lambda Max
- Percent Purity - Correlation Coefficient
- Quantitative Assay - Beer-Lambert
- Heavy Metals - Total Quantity
- TAMC (Total Aerobic Microbial Counts)
- TYMC (Total Yeast and Mold Counts)

Microbial specifications follow the Substances for Pharmaceutical Use compendium. UV-Vis measurements performed on a Jenway 6715 UV/Vis Spectrophotometer.

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## PERFORMING LABORATORY & CERTIFICATION

### PERFORMING LABORATORY

**Analytical Formulations, Inc.**

8940 Fourwinds Drive STE 107, Windcrest, TX 78239

https://analyticalformulations.com

**A laboratory-authorized user certified on 2026-06-02 that the submitted result data and the Purity Analytics COA generated from that data accurately represent the laboratory's reported findings for the sample identified in this report.**

**RESEARCH USE ONLY. ANALYTICAL INFORMATION ONLY.**
**NOT FOR HUMAN OR VETERINARY CONSUMPTION. NOT FOR CLINICAL, DIAGNOSTIC, THERAPEUTIC, OR DRUG USE.**

**Laboratory role.**
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