



## SAMPLE INFORMATION

**Sample Name:**  
GLP-2 (TZ) 60mg  
**Lot Number:**  
WL-TZ-60-0826-1  
**Sample Matrix:**  
Lyophilized Peptide  
**Manufactured Date:**  
August 1, 2026  
**Received Date:**  
August 25, 2026

**Sample ID:**  
0968.OPT.260821  
**Client:**  
Wholesome labs  
**Intended Use:**  
Research Use Only  
**Expiration Date:**  
August 1, 2028  
**Report Date:**  
August 26, 2026



IDENTITY  
**TIRZEPATIDE**  
LC-MS



POTENCY  
**59.81** mg/vial  
HPLC



PURITY  
**99.5%**  
RP-HPLC



ENDOTOXIN  
**PASS**  
LAL



RESIDUAL  
SOLVENTS  
**PASS**  
GC-MS



HEAVY  
METALS  
**PASS**  
ICP-OES

## RESULTS SUMMARY

| TEST PANEL                                                                                              | METHOD        | SPECIFICATION | RESULT        | STATUS        |
|---------------------------------------------------------------------------------------------------------|---------------|---------------|---------------|---------------|
|  Identity Verification | LC-MS         | -             | Tirzepatide   | <b>TESTED</b> |
|  Potency (Assay)       | HPLC          | -             | 59.81 mg/vial | <b>TESTED</b> |
|  Purity                | RP-HPLC       | ≥ 98.0%       | 99.5%         | <b>TESTED</b> |
|  Endotoxin             | LAL           | ≤ 0.05 EU/mg  | Pass          | <b>PASS</b>   |
|  Total Yeast & Mold    | USP <61>/<62> | Within Limits | Pass          | <b>PASS</b>   |
|  Residual Solvents     | GC-MS         | -             | Pass          | <b>PASS</b>   |
|  Heavy Metals          | ICP-OES       | Within Limits | Pass          | <b>PASS</b>   |



## Residual Solvents

Instrument: GC-MS Analysis Date: August 26, 2026

PASS

| Analyte              | LOD (µg/g) | LOQ (µg/g) | Action Limit (µg/g) | Result (µg/g) | Status |
|----------------------|------------|------------|---------------------|---------------|--------|
| Propane              | 15.4688    | 46.875     | 5000                | ND            | PASS   |
| Butane               | 15.4688    | 46.875     | 5000                | ND            | PASS   |
| Methanol             | 15.4688    | 46.875     | 3000                | ND            | PASS   |
| Ethylene Oxide       | 0.1547     | 0.4688     | 1                   | ND            | PASS   |
| Pentane              | 15.4688    | 46.875     | 5000                | ND            | PASS   |
| Ethanol              | 15.4688    | 46.875     | 5000                | ND            | PASS   |
| Ethyl Ether          | 15.4688    | 46.875     | 5000                | ND            | PASS   |
| Acetone              | 15.4688    | 46.875     | 5000                | ND            | PASS   |
| Isopropyl Alcohol    | 15.4688    | 46.875     | 5000                | ND            | PASS   |
| Acetonitrile         | 15.4688    | 46.875     | 410                 | ND            | PASS   |
| Methylene Chloride   | 0.1547     | 0.4688     | 1                   | ND            | PASS   |
| n-Hexane             | 15.4688    | 46.875     | 290                 | ND            | PASS   |
| Ethyl Acetate        | 15.4688    | 46.875     | 5000                | ND            | PASS   |
| Chloroform           | 0.1547     | 0.4688     | 1                   | ND            | PASS   |
| Benzene              | 0.1547     | 0.4688     | 1                   | ND            | PASS   |
| 1,2-Dichloroethane   | 0.1547     | 0.4688     | 1                   | ND            | PASS   |
| Heptane              | 15.4688    | 46.875     | 5000                | ND            | PASS   |
| Trichloroethylene    | 0.1547     | 0.4688     | 1                   | ND            | PASS   |
| Toluene              | 15.4688    | 46.875     | 890                 | ND            | PASS   |
| Total Xylenes        | -          | -          | 2170                | ND            | PASS   |
| Total Xylenes (m, p) | 23.2032    | 70.3125    | -                   | ND            | PASS   |
| Total Xylenes (o)    | 23.2032    | 70.3125    | -                   | ND            | PASS   |

## Heavy Metals

Instrument: ICP-OES Analysis Date: August 26, 2026

PASS

| Analyte | LOD (µg/g) | LOQ (µg/g) | Action Limit (µg/g) | Result (µg/g) | Status |
|---------|------------|------------|---------------------|---------------|--------|
| Arsenic | 0.015      | 0.05       | -                   | 0             | PASS   |
| Cadmium | 0.0113     | 0.05       | -                   | 0             | PASS   |
| Lead    | 0.00615    | 0.05       | -                   | 0             | PASS   |
| Mercury | 0.00126    | 0.005      | -                   | 0             | PASS   |