



# Certificate Of Analysis

## COA

Report: SNTEK2025122410271

Date: December 24, 2025

| Product information  |  |                     |                    |
|--|--|---------------------|--------------------|
| Product Name   | Tirzepatide  |                     |                    |
| product Model  | Tr 20  |                     |                    |
| Client   | sciencepeptidelab  |                     |                    |
| Domain Name  | sciencepeptidelab.com  |                     |                    |
| Production Batch   | 20251216-1   | Date of Manufacture | 2025-12-16         |
| Color  | White  | Appearance          | Lyophilized Powder |
| Ingredients and proportions  |  |                     |                    |
| Component  | CAS No.  | Appr. %             |                    |
| Tirzepatide  | 2023788-19-2   | ≥99.8               |                    |
| Performance indicators   |  |                     |                    |
| Item   | Result   |                     |                    |
| Appearance   | White loose powder, no visible foreign matter  |                     |                    |
| Identification   | Consistent with reference standard   |                     |                    |
| Heavy metal content  | Not detected: Pb, Cd, Hg,As  |                     |                    |
| Purity   | ≥99.8%   |                     |                    |
| Assay  | 98.5%–102.0% (calculated on anhydrous basis)   |                     |                    |
| Impurities   | Individual known impurity ≤0.05%, Total impurities ≤0.2%   |                     |                    |
| Acetate content  | 6.0%~10%   |                     |                    |
| Polymers   | ≤0.03%   |                     |                    |
| Water Content  | ≤0.5%  |                     |                    |
| Solubility   | 10mg/mL in Water for Injection, clear solution, dissolution time 0.2-0.4min  |                     |                    |
| Bacterial Endotoxin  | ≤0.4 EU/mg   |                     |                    |
| Sterility  | Complies with the requirements   |                     |                    |
| Visible Particulates   | No visible particulates  |                     |                    |
| <b>Note:</b> All tests were performed with reference to the corresponding methods in the United States Pharmacopeia (USP), European Pharmacopoeia (EP), and Chinese Pharmacopoeia. |  |                     |                    |
| Term of validity   | 12-24 months   |                     |                    |
| Transport  | Transport under cold chain conditions at ≤ -20°C with dry ice or at 2~8°C, avoid severe extrusion and vibration.   |                     |                    |
| keep in storage  | -20~-80°C (long-term storage) / 2~8°C (short-term storage); protected from light, avoid repeated freeze-thaw cycles, stored in a dry and sealed container. |                     |                    |



This report is not replicable without the written permission of the Company. Changes, forgery, or alteration of the content or appearance of this report are illegal, and offenders will be held accountable. This report is only responsible for the test samples.

3, Building F, Guancheng Low Carbon Industrial Park, Shangcun Community, Gongming Street, Guangming District, Shenzhen

North South Precision Testing

Technology Service (Shenzhen) Co., Ltd

Tel.: 400-008-2358

Fax: 0755-22777508

Website: <http://www.msds-ghs.cn>

Email: [service@msds-ghs.cn](mailto:service@msds-ghs.cn)

