

Certificate of Analysis

Product Name: Tirzepatide

Lot No.: 26051104

Salt Type: Na⁺

Report Date: 2026-06-12

Retest Date: 2026-06-15

Tests	Specification	Results
Appearance	White powder	Conforms
Solubility	Soluble in water	Conforms
Related Substances(HPLC)	Maximum single impurity $\leq 0.5\%$ Total impurities $\leq 2.0\%$.	0.21% 0.68%
Purity	$\geq 99\%$	99.3%
Water Content	$\leq 10\%$	4.1%
Acetic acid	$\leq 2\%$	N.D
Sodium ion	$\leq 3\%$	1.1%
Trifluoroacetic acid	$\leq 5000\text{ppm}$	ND
Residual solvents	Methanol: $\leq 300\text{ppm}$ Isopropanol: $\leq 500\text{ppm}$ Acetonitrile: $\leq 410\text{ppm}$ Methylene chloride: $\leq 600\text{ppm}$ N,N-Dimethylformamide: $\leq 800\text{ppm}$	Methanol: N.D Isopropanol: N.D Acetonitrile: 19ppm Methylene chloride: N.D N,N-Dimethylformamide: N.D
Assay	95.0%~105.0%	99.6%
Peptide content	$\geq 90\%$	94.1%
pH	6.0-9.0	7.1
Bacterial endotoxin	$< 5\text{EU/mg}$	Conforms

Storage: In the air tight container, protected from light at temperature -20 °C

Notes: Not for human use, for research purpose only.