Tirzepatide-26051104-Hyper

Product Name:	Tirzepatide		
Batch No.:	26051104	**Analysis Date:**	2026-05-12
Salt Type:	Na+	**Retest Date:**	2028-05-11

ITEM	STANDARD	RESULT
Appearance	White powder	Conforms
Solubility	Soluble in water	Conforms
Maximum single impurity	≤0.5%	0.21%
Total impurities	≤2.0%	0.68%
Purity	≥99%	99.32%
Water Content	≤10%	4.1%
Acetic acid	≤2%	ND
Sodium ion	≤3%	1.12%
Trifluoroacetic acid	≤5000ppm	ND
Residual solvents	Methanol: ≤300ppm	Methanol: N.D
	Isopropanol: ≤500ppm	Isopropanol: N.D
	Acetonitrile: ≤410ppm	Acetonitrile:19ppm
	Methylene chloride: ≤600ppm	Methylene chloride: N.D
	N,N-Dimethylformamide: ≤800ppm	N,N-Dimethylformamide: N.D
Assay	95.0% - 105.0%	99.6%
Peptide content	≥90%	94.1%
pH	6.0 - 9.0	7.1
Bacterial endotoxin	≤5 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.
Conclusion	This product conforms to the standard.