

Survodutide GLP-1 / glucagon dual agonist · RUO

PRODUCT	Survodutide	APPEARANCE	White or off-white powder
LOT / BATCH NO.	CP286260101	MANUFACTURING DATE	2026-01-19
CAS NO.	2805997-46-8	RETEST DATE	2028-01-18
MOLECULAR FORMULA	C ₁₉₂ H ₂₈₉ N ₄₇ O ₆₁	STORAGE	-20°C
MOLECULAR WEIGHT	4231.62 g/mol	REPORT DATE	2026-02-06

AMINO-ACID SEQUENCE
H-{1-amino-1-cyclobutanecarboxylic acid}-QGTFTSDYSKYLDERAAKDFIK-{GGSGSG-γE-C18 di-acid)}-WLESA-NH2

#	TEST	SPECIFICATION	RESULT
1	Appearance	White or off-white powder	Conforms
2	Solubility	Freely soluble in water	Conforms
3	Peptide Purity (By HPLC)	98.0%	99.0%
4	Molecular Ion Mass	4231.62±4	4232.13
5	Related Substance(By HPLC)	RRT0.95: 0.50% RRT0.97: 0.50% RRT1.02: 0.50% RRT1.03: 0.50% RRT1.06: 0.50% Total Impurities:2.0% Other individual impurity:0.5%	0.2% N.D N.D 0.4% 0.3% 1.0% 0.1%
6	Polymer	0.5%	0.1%
7	ph	Reported value	6.6
8	Water Content(Karl Fischer)	10.0%	3.4%
9	Residual solvent	Methanol3000ppm Acetonitrile410ppm Methylene chloride600ppm Isopropyl ether5000ppm N,N-Dimethylformamide880ppm	N.D N.D N.D N.D N.D
10	Peptide Content	Reported value	94.5%
11	Bacterial endotoxins	5EU/mg	Conforms
12	Sodium ion	3.0%	1.0%
13	Microbial limits	Total plate count100cfu/g Mould&Yeast10cfu/g	Conforms Conforms



AUTHENTICITY VERIFICATION
NST-SURV-CP286260101-9C7A2B
Scan or visit nstresearch.com/verify?c=NST-SURV-CP286260101-9C7A2B to confirm this certificate against NST Research's issued-lot registry.



Batch analytical data reviewed & released under NST Research Quality Control

NST Research

Quality Control Department · Date: 2026-02-06

RESEARCH USE ONLY

This material is supplied by NST Research strictly as a chemical reference reagent for in vitro laboratory research use only. It is **not** a drug, dietary supplement, cosmetic, or food, and is **not** for human or veterinary diagnostic, therapeutic, or clinical use, nor for any use in or on the human body. Handling is restricted to qualified research personnel. The analytical results above correspond to lot CP286260101 as released.