



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Quality Release Date: 20 FEB 2026 Issue Date: 20 FEB 2026

Product Information

Product Name Cagrilintide
Product Number CG-20260220
Batch Number CG-SH2026022001
Brand SIGALD
CAS Number 1415456-99-3
MDL Number MFCD28166558
Formula $C_{115}H_{17}N_{34}O_{31}$
Formula Weight 2413.82 g/mol
Molecular Form Long-acting GLP-1 receptor agonist peptide

Test Results

Test	Specification (Research/Pharmaceutical Standard)	Result	Unit	Test Method
Appearance (Color)	White to off-white	White	-	Visual Inspection
Appearance (Form)	Lyophilized powder	Lyophilized powder	-	Visual Inspection
Assay (Purity, main peak)	≥ 98.5%	99.2%	%	Reverse-Phase HPLC (RP-HPLC)
Related Substances	≤ 1.0%	0.4%	%	RP-HPLC
pH Value (1mg/mL aqueous, 25°C)	6.0-8.0	7.2	-	Digital pH Meter
Water Content	≤ 2.0%	0.8%	%	Karl Fischer Titration
Heavy Metals (Pb)	≤ 5 ppm	0.6 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.1 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Bacterial Endotoxins	≤ 0.1 EU/μg	0.04 EU/μg	EU/μg	Limulus Amebocyte Lysate (LAL) Test
Total Aerobic Count	≤ 10 CFU/g	3 CFU/g	CFU/g	Plate Count Method
Pathogens (E. coli/Salmonella)	Negative	Negative	-	Microbiological Detection
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

This batch of product has been tested in accordance with pharmaceutical and research-grade standards for cagrilintide and meets all specified requirements. It is qualified for biomedical research and pharmaceutical R&D use.