Certificate of Analysis

Product Name: Cagrilintide (Specification 10mg)

CAS No.: 2766842-23-2 **Lot No.**:CAG10-20260811F

Molecular Formula:$C_{194}H_{299}N_{55}O_{58}S$ **Manufacturing Date**: 2026.08.11

Molecular Weight: 4384.12 Da **Retest Date** : 2027.08.11

Peptide Sequence: H-His-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Thr-Ser-Lys-Tyr-Leu-Asp-Ser-Arg-Arg-Ala-Gln-Asp-Phe-Val-Gln-Trp-Leu-Met-Asn-Thr-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Ser-Lys-Lys-Pro-Pro-Ser-Gly-Pro-Pro-Ala-Gln-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Ser-Lys-Lys-Pro-Pro-Ser-Gly-Pro-Pro-Arg-NH_2

Store at:

Lyophilized bulk powder: Store at ≤ -20°C, protected from light & moisture

Reconstituted solution: Store at 2–8°C, use within 7 days

TEST	SPECIFICATION	RESULT
Appearance	White to off-white lyophilized powder	Conform
MS (ESI)	Match theoretical molecular ion	Consistent with target mass
Purity (RP-HPLC)	≥98.0%	99.45%
Total Related Substances (RP-HPLC)	≤ 2.0%	0.55%
Water Content (Karl Fischer)	≤ 8.0%	3.7%
Acetic Acid Content (IC/HPLC)	≤ 10.0%	6.4%
Organic Solvents Residue (GC)Acetonitrile / DCM / DMF / Ethanol	Total ≤ 1.0%	<0.1%
Cadmium (Cd)	≤0.1 ppm	N.D.
Lead (Pb)	≤0.5 ppm	N.D.
Mercury (Hg)	≤0.1 ppm	N.D.
Arsenic (As)	≤0.3 ppm	N.D.
Endotoxin (LAL Method, injectiongrade mandatory)	≤ 5 EU/mg protein	<0.6 EU/mg

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Total Aerobic Microbial Count	≤ 100 CFU/g	<10 CFU/g
Yeast & Mould Count	≤ 10 CFU/g	<10 CFU/g

Conclusion: The product conforms with enterprise standard and qualified.

QC Director: Nan Fang

1.The material is non-explosive, non-corrosive, non-radioactive, non-flammable, non-toxic and harmful, and is not a raw material for the manufacture of chemical weapons.

2.This product is a sample of chemical synthesis (not of a biological origin i.e. not of animal, human or plant origin)

3.The above material is to be used exclusively for in vitro laboratory research purposes only.

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