

Cagrilintide Amylin analog · RUO

PRODUCT	Cagrilintide	APPEARANCE	White or almost white powder
LOT / BATCH NO.	YS240801	MANUFACTURING DATE	2024-08-16
CAS NO.	1415456-99-3	RETEST DATE	2026-08-15
MOLECULAR FORMULA	C ₁₉₄ H ₃₁₂ N ₅₄ O ₅₉ S ₂	STORAGE	-20 °C, desiccated, protected from light
MOLECULAR WEIGHT	4409.07 g/mol	REPORT DATE	2024-08-29

AMINO-ACID SEQUENCE

{Eicosanedioic acid-γ-Glu}-KCNTATCATQRLAEFLRHSSNWFPGILPPTNVGSNT-PNH₂ (Disulfide bridge:Cys3-Cys8)

#	TEST	SPECIFICATION	RESULT
1	Appearance	White or almost white powder	Conforms
2	Related Substance	Total Impurities: ≤1.0% Maximum single impurity: ≤0.5%	0.77% 0.34%
3	Identification by MS	4409.07±4	Conforms
4	Water Content (K.F)	8.0%	4.83%
5	Peptide Purity (By HPLC)	≥99.0%	99.23%
6	Peptide Content	≥ 80.0%	88.33%
7	Solubility	Soluble in water	Conforms
8	Bacterial Endotoxins	10EU/mg	Conforms
9	Residual solvent	Methylene chloride 600ppm Acetonitrile 410ppm Methanol 3000ppm N,N-Dimethylformamide 880ppm	N.D 122ppm N.D N.D
10	Acid group Ions	Trifluoroacetate ion 1000ppm Phosphate ion 1000ppm Chloride ion 1000ppm Acetic acid 8.0%	N.D N.D N.D 6.51%
11	Escherichia Coli	Not detected	Conforms
12	Pseudomonas Aeruginosa	Not detected	Conforms
13	Salmonella	Not detected	Conforms
14	Microbial limits	TAMC 1000cfu/g TYMC 100cfu/g	Conforms Conforms



AUTHENTICITY VERIFICATION

NST-CAGR-YS240801-59EFA4

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Batch analytical data reviewed & released under NST Research Quality Control

NST Research

Quality Control Department · Date: 2024-08-29

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