Certificate Of Analysis

NO:026-C49-TSX

Peptide Name	Cagrisema (Cagrilintide & Semaglutide)		
Molecular Formula	$C_{194}H_{312}N_{54}O_{59}S_2$ / $C_{187}H_{291}N_{45}O_{59}$	**Manufacturing**	2026/09/02
Molecular Weight	4409.01 / 4113.58	**Report Date**	2026/09/05
CAS No.	1415456-99-3 / 910463-68-2	**Re-test Date**	2028/09/02
Appearance	White lyophilized powder	**Packing size**	10mg/vial、5+5 mg/vial
Reference Standard	Enterprise Standard	**Storage conditions**	Store at -20°C (Avoid light and moisture)
Sequence	Cagrilintide: [C20 diacid-γ-Glu]-KCNTATCATQRLAEFLRHSSNNFGPILPPTNVGSNTP-NH2 (Cys3-Cys8) Semaglutide: H-His-Aib-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys(PEG2-PEG2-γ-Glu-C18 diacid)-Glu-Phe-Ile-Ala-Trp-Leu-Val-Arg-Gly-Arg-Gly-OH		

Tests	Specifications	Results
Appearance	White lyophilized powder / cake	Conforms
Identification (MS)	Conforms to theoretical MW (Both)	Conforms
Purity (HPLC)	≥ 98.0%	99.25%
Assay (Net Peptide Content)	Cagrilintide: 4.50 – 5.50 mg/vial	4.95 mg/vial
	Semaglutide: 4.50 – 5.50 mg/vial	5.02 mg/vial
Water Content (Karl Fischer)	≤ 8.0%	4.5%
Bacterial Endotoxins	≤ 5.0 EU/vial	< 0.5 EU/vial

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Limit To Research And Submission Use
Not For Direct Human Application

Analyst: Warden Zhao **QC Director:** Melker Zhu **Checker :** Bowen Yang