Certificate Of Analysis

NO:026-G52-TSX

Product Name	Retatrutide & Tirzepatide Blend		
Molecular Formula	$C_{221}H_{342}N_{46}O_{68}$ / $C_{225}H_{348}N_{48}O_{68}$	**Manufacturing**	2026/09/07
Molecular Weight	4731.33 / 4813.52	**Report Date**	2026/09/12
CAS No.	2381089-83-2 / 2023788-19-2	**Re-test Date**	2028/09/07
Appearance	White to off-white powder	**Packing size**	1Kg/bag
Reference Standard	Enterprise Standard	**Storage conditions**	-15℃ to -25℃
Sequence	Y-Aib-QGTFTSDYSILM-Aib-K(isoGlu-PEG2-PEG2-C20 diacid)-AQ-Aib-FVQWLIAGGPSSGAPPPS-NH2/ Y-Aib-EGTFTSDYSI-Aib-LDKIAQ-K(isoGlu-PEG2-PEG2-C20 diacid)-AFVQWLIAGGPSSGAPPPS-NH2		

Tests	Specifications	Results
Appearance	White to off-white powder	Conforms
Solubility	Soluble in water	Conforms
Purity (HPLC)	≥ 98.0%	99. 1%
Water Content (Karl Fischer)	≤ 8.0%	4. 2%
Related Substance (By HPLC)	Total Impurities(%) ≤ 2.0%	0. 9%
	Largest Single Impurity(%) ≤ 1.0%	0. 5%
Organic Solvent Residue	Acetonitrile ≤ 0.041%	< 0.041%
Mass Spectrometry (MS)	Conforms to structure	Conforms

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Not For Direct Human Application

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