Certificate Of Analysis

NO:026-B81-TSX

Peptide Name	B7-33		
Molecular Formula	$C_{131}H_{228}N_{40}O_{37}S$	**Manufacturing**	2026/09/04
Molecular Weight	2987.48 g/mol	**Report Date**	2026/09/09
CAS No.	2169956-64-9	**Re-test Date**	2028/09/04
Appearance	White powder	**Packing size**	1Kg/bag
Reference Standard	Enterprise Standard	**Storage conditions**	-15℃ to -25℃
Sequence	H-Val-Ile-Lys-Leu-Ser-Gly-Arg-Glu-Leu-Val-Arg-Ala-Gln-Ile-Ala-Ile-Ser-Gly-Met-Ser-Thr-Trp-Ser-Lys-Arg-Ser-Leu-OH		

Tests	Specifications	Results
Appearance	White powder	Conforms
Water Content (Karl Fischer)	≤8.0%	5.7%
Acetic Acid (ByHPLC)	≤ 15.0%	8.3%
Trifluoroacetic Acid(ByHPLC)	≤ 0.25%	ND
Purity(HPLC)	≥98.0%	99.1%
Peptide Content	≥80.0%	84.9%
Related Substance (ByHPLC)	Total Impurities(%)≤ 2.0%	0.9%
	Largest Single Impurity （%） ≤ 1.0%	0.4%

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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