Certificate Of Analysis

NO:026-A84-TSX

Peptide Name	ACE-031		
Molecular Formula	$C_{133}H_{227}N_{43}O_{33}$	**Manufacturing**	2026/08/29
Molecular Weight	2956.49 g/mol	**Report Date**	2026/09/03
CAS No.	1621169-52-5	**Re-test Date**	2028/08/31
Appearance	white powder	**Packing size**	1Kg/bag
Reference Standard	Reference Ch.p	**Storage conditions**	-15℃ to -25℃
Sequence	Ala-Trp-Arg-Gln-Asn-Thr-Arg-Tyr-Ser-Arg-Ile-Glu-Ala-Ile-Lys-Ile-Gln-Ile-Leu-Ser-Lys-Leu-Arg-Leu-NH_2		

Tests	Specifications	Results
Appearance	White powder	Conforms
Solubility	Soluble in water	Conforms
Purity(HPLC)	≥98.0%	99.1%
Water Content (Karl Fischer)	≤8.0%	4.7%
Acetic Acid (By HPLC)	≤ 13.0%	11.2%
Related Substance (ByHPLC)	Total Impurities(%)≤ 2.0%	0.9%
	Largest Single Impurity(%)≤ 1.0%	0.4%

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

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