Certificate Of Analysis

NO:026-R81-TSX

Peptide Name	Mazdutide		
Molecular Formula	$C_{210}H_{322}N_{46}Na_6O_{67}$	**Manufacturing**	2026/09/03
Molecular Weight	4563.06	**Report Date**	2026/09/08
CAS No.	2259884-03-0	**Re-test Date**	2028/09/03
Appearance	white powder	**Packing size**	1Kg/bag
Renference Standard	Enterprise Standard	**Storage conditions**	-20±5°C
Sequence	H-H(Aib)QGTFTSDYSKYLDEKKE-K(Sidechain)-EFVEWLLEGGPS-SG-OH		

Tests	Tests Specifications	Results
Appearance	White powder	Conforms
Solubility	Soluble in water	Conforms
Purity(HPLC)	≥98.0%	99.6%
Water Content (Karl Fischer)	≤8.0%	3.7%
Sodium ion	1.0%~2.0%	1.5%
Acetic Acid(ByHPLC)	≤0.5%	N.D.
Trifluoroacetic acid(By HPLC)	≤0.5%	N.D.
Related Substance(ByHPLC)	Total Impurities(%)≤2.0%	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