Certificate Of Analysis

NO:026-P86-TSX

Peptide Name	PTD-DBM		
Molecular Formula	$C_{124}H_{227}N_{61}O_{28}S_2$	**Manufacturing**	2026/09/07
Molecular Weight	3082.68	**Report Date**	2026/09/12
CAS No.	1609454-11-6	**Re-test Date**	2028/09/07
Appearance	White powder	**Packing size**	1Kg/bag
Renference Standard	Enterprise Standard	**Storage conditions**	Cool dry place(away from the light)
Sequence	H-Arg-Arg-Arg-Arg-Arg-Arg-Arg-Arg-Gly-Gly-Gly-Gly-Arg-Lys-Thr-Gly-His-Gln-Ile-Cys-Lys-Phe-Arg-Lys-Cys-NH2 (Disulfide bridge: Cys20-Cys25)		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.45%
Acetate Content(HPLC)	<25.0%	10.60%
Water Content(Karl Fischer)	≤10.0%	4.27%
Peptide Content(N%)	≥80.0%	84.67%
Mass Balance	95.0~105.0%	99.45%

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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