

Certificate Of Analysis

NO: 023-P86-TSX

Peptide Name	PTD-DBM		
Molecular Formula	C ₁₂₄ H ₂₂₅ N ₆₁ O ₂₈ S ₂	Manufacturing	2025/02/17
Molecular Weight	3079.63	Report Date	2025/02/19
CAS No.	1609454-11-6	Re-test Date	2027/02/19
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-NH ₂ (Disulfidebridge:Cys20-Cys25)		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.45%
Acetate Content(HPLC)	<25.0%	20.60%
Water Content (Karl Fischer)	≤10.0%	4.27%
Peptide Content (N%)	≥80.0%	84.67%
Mass Balance	95.0~105.0%	Conforms

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