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Certification of Analysis

Peptide	MOTS-C		
MF.	$C_{101}H_{152}N_{28}O_{22}S_2$	Batch No	CP44T260201
MW.	2174.6	Manufacturing Date	02/02/2026
CAS.	1627580-64-6	Retest Date	02/01/2028
Sequence	H-Met-Arg-Trp-Gln-Glu-Met-Gly-Tyr-Ile-Phe-Tyr-Pro-Arg-Lys-Leu-Arg-OH		
TEST		SPECIFICATION	RESULT
1	Appearance	White or off-white powder	Conforms
2	Identity by MS	2174.6 ± 2	2175.60
3	Peptide purity(By HPLC)	$\geq 98.0\%$	99.14%
4	Acetic Acid Content	Reported value	6.82%
5	Water Content	Reported value	3.85%
6	Salt type	Acetic Acid	Conforms

Tested By Yang Linyu , Audited By Yu Simeng , Date: 2026-03-04

YoungShe Chem Quality Control Department

Notes: This peptide is intended for research use only and is not approved for human or veterinary use, diagnosis, therapeutic, or clinical applications.

备注: 本产品属于化学试剂, 仅供实验室科学研究使用, 不得用于人体或者兽用, 不得用于任何诊断、治疗或临床使用, 不得直接或间接用于任何人体试验。凡需方违反此约定擅自用于临床或者人体试验者, 所发生的一切后果和法律责任, 均由需方自行承担。