Certificate Of Analysis

NO:026-F61-TSX

Peptide Name	Palmitoyl Pentapeptide-4 / Matrixyl		
Molecular Formula	$C_{62}H_{98}N_{16}O_{22}$	**Manufacturing**	2026/09/08
Molecular Weight	802.05 g/mol	**Report Date**	2026/09/13
CAS No.	214047-00-4	**Re-test Date**	2028/09/08
Appearance	white powder	**Packing size**	1Kg/bag
Reference Standard	Enterprise Standard	**Storage conditions**	Store at -20°C in an airtight,light-resistant container
Sequence	Pal-Lys-Thr-Thr-Lys-Ser-OH (Pal-KTTKS)		

Tests	Specifications	Results
Appearance	White to off-white lyophilized powder	Conforms
Solubility	Soluble in water	Conforms
Purity (HPLC)	≥98.0%	98.85%
Water Content (Karl Fischer)	≤ 8.0%	4.3%
Acetate Content (HPLC)	≤ 10.0%	5.6%
Peptide Content (N%)	≥80.0%	84.2%
Mass Balance	95.0~105.0%	95.12%
Conclusion	The batch complies with Enterprise Standard	

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