Certificate Of Analysis

NO:026-C61-TSX

Peptide Name	Dihexa		
Molecular Formula	$C_{27}H_{44}N_4O_5$	**Manufacturing**	2026/08/31
Molecular Weight	504.66 g/mol	**Report Date**	2026/09/05
CAS No.	1401708-83-5	**Re-test Date**	2028/08/31
Appearance	White to off-white crystalline powder	**Packing size**	1Kg/bag
Reference Standard	Enterprise Standard	Storage conditions	Store at -20°C (Avoid light and moisture)
Sequence	N-Hexanoyl-L-tyrosyl-L-isoleucyl-(6-aminohexanamide)		

Tests	Specifications	Results
Appearance	White to off-white crystalline powder	Conforms
Identification (1H-NMR)	Spectrum conforms to reference structure	Conforms
Purity (HPLC)	≥ 99.0%	99.45%
Assay (Dried Basis / Titration)	98.0% – 102.0%	99.30%
Loss on Drying (LOD)	≤ 1.0%	0.42%
Residue on Ignition (Sulfate Ash)	≤ 0.2%	0.08%
Residual Solvents (GC)	Methanol ≤ 3000 ppm	Conforms
	Acetonitrile ≤ 410 ppm	
Heavy Metals (Pb, As, Cd, Hg)	≤ 10 ppm	< 5 ppm
Total Microbial Count (TAMC)	≤ 1000 CFU/g	< 50 CFU/g

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