

Certificate Of Analysis

NO: 023-D81-TSX

Peptide Name	Dihexa		
Molecular Formula	C ₂₇ H ₄₄ N ₄ O ₅	Manufacturing	2045/09/12
Molecular Weight	504.67	Report Date	2024/09/14
CAS No.	1401708-83-5	Re-test Date	2026/09/14
Appearance	white powder	Packing size	1Kg/bag
Renference Standard	Enterprise Standard	Storage conditions	20±5℃
Sequence	Hexanoyl-Tyr-Ile-Ahx-NH2		

Tests	Specifications	Results
Appearance	White powder	Conforms
Solubiity	Soluble in glacial acetic acid, insoluble in water	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.325%
Water Content (Karl Fischer)	≤8.0%	1.7%
Organic solvent residue	acetonitrile≤0.041%	<0.041%
	dichloromethane≤0.06%	<0.06%
	N,N-Dimethylformamide≤0.088%	<0.088%
Related Substance(By HPLC)	Total Impurities(%)≤2.0%	0.678%
	Largest Single Impurity(%)≤1.0%	0.4%

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