

Certificate of Analysis

Product	PT141	CAS No.:	359325-12-9
Product No.	800151		
Sequence	Ac-Nle-c-OH c[Asp-His-D-Phe-Arg-Trp-Lys]		
Batch No.	800028-26031301	Quantity	249.7g
Mfg. Date	Mar. 13 th , 2026	Retest Date	Mar. 12 th , 2028

【ITEMS】	【SPECIFICATIONS】	【RESULTS】
Appearance	White powder	White powder
Solubility	Soluble in 1% acetic acid	Conforms
HPLC	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution.	Conforms
Amino acid content	Ac 3.6-4.4	4.1
	Nle 2.7-3.3	2.8
	OH 0.9-1.1	1.0
	Trp 0.9-1.1	1.0
	His 1.8-2.2	1.0
	D 4.5-5.5	5.2
	Asp 1.8-2.2	2.0
	Glx 2.7-3.3	2.9
	Lys 1.8-2.2	2.0

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	Phe 0.9-1.1	1.0
	Arg 2.7-3.3	3.0
	Pro 18-2.2	2.0
Mass spectrum	3367.9±1.0	3368.0
Purity(HPLC)	NLT 98.0%	99.7%
Acetic acid	NMT 8.1%	6.6%
Trifluoroacetate	NMT 0.5%	N.D
Water content(KF)	NMT 8.0%	4.3%
Peptide content(%)	NLT 80.0%	88.7%
Residual solvent	Methylene chloride NMT 600ppm	N.D
	Acetonitrile NMT 410ppm	70ppm
	Methyl tert-butyl ether NMT 5000 ppm	N.D
	DMFNMT 880ppm	28ppm
Bacterial endotoxins	NMT 10EU/mg	Conforms
Microbial limits	TAMCNMT 100cfu/g	Conforms
	TYMC NMT 100cfu/g	
Storage	In an air tight container, protected from light; Short Term:2-8°C ; Long Term:below-10°C	
Report	QUALITY TEST 质量检验 2026-03-13 TEST合格 Ji peng	Date2026.3.13
Reviewer	Feng Han	Date2026.3.13
Conclusion: This batch of product complies with Enterprise Standard.		

It is only supplied as chemical product.
It is only for R&D use.