

Certificate of Analysis

Product	Epithalon Powder (Synthetic)	CAS No.:	307297-39-8
Product No.	800073	Molecular Formula	C ₁₄ H ₂₂ N ₄ O ₉
Sequence	Ala-Glu-Asp-Gly		
Batch No.	26031901-05	Quantity	1395.6g
Mfg. Date	Mar. 19 th , 2026	Retest Date	Mar. 18 th , 2028

QUALITY
 质量
 7075-1
 TEST Q

【 ITEMS 】	【 SPECIFICATIONS 】	【 RESULTS 】
Appearance	White or off-white powder	White powder
Solubility	Soluble in H ₂ O	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	Gly 0.9-1.1	1.0
	Ala 0.9-1.1	1.0
	Asp 0.9-1.1	1.0
	Glu 0.9-1.1	1.0
Mass spectrum	390.4±1.0	390.1
Related substances(HPLC)	Any individual impurity: NMT 0.5%	0.40%
	Total impurities: NMT 2.0%	0.47%
Purity(HPLC)	NLT 98.0%	99.5%
Acetic acid	NMT 0.5%	N.D
Trifluoroacetate	NMT 0.5%	N.D

QUALITY TEST
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Ammonium ion	NMT 8.0%	5.9%
Water content(KF)	NMT 8.0%	5.5%
Peptide content(%)	NLT 80.0%	87.6%
Residual solvent	Methanol NMT 3000 ppm	120 ppm
	Ethanol NMT 5000 ppm	N.D
Bacterial endotoxins	NMT 10EU/mg	Conforms
Microbial limits	TAMC NMT 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	Ji Peng Date	2026.3.19
Reviewer	Fang Miao Date	2026.3.19
Conclusion: This batch of product complies with Enterprise Standard.		

It is only supplied as chemical product.

It is only for R&D use.