

# CERTIFICATE OF ANALYSIS

Epithalon Powder (Synthetic)		CAS	307297-39-8
Product No	800073	Batch No	25060112
Date of Mfg	Jul 23, 2025	Date of Exp	Jul 22, 2027
Sequence	Ala-Glu-Asp-Gly		

TEST	SPECIFICATION	RESULT
Appearance	White or off-white powder	Conforms
Solubility	Soluble in H2O	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
MS	390.4±1.0	389.9
Related Substances	Unspecified impurity for each impurity: NMT1.0%	0.14%(single largest impurity)
Purity	NLT 98.0%	99.6%
Acetic acid	Report	4.0%
Water Content(Karl Fischer)	NLT 10.0%	6.5%
Peptide content(N%)	NLT 80%	93.2%
Bacterial endotoxins	Less than 10IU/mg	Conforms
Storage	In an air tight container, protected from light	
Temperature	Short Term:2-8°C ; Long Term:below-10°C	
Conclusion	the product complies with specification.	
It is only supplied as chemical product.		

Analysis:Janie.zhang

Date :2025.07.25

Approved by: Christ.zheng

Date :2025.07.25