

P-21

Certificate of Analysis

Product Name	P021(Ac-Asp-Gly-Gly-Leu-Adam-NH ₂)		
CAS No.	N/A	Batch No.	20260807039
Date of Producing	2026-08-07	Molecular Formula	C ₂₇ H ₄₂ N ₆ O ₈
Retest Date	2028-08-07	Molecular Weight	578.68
Condition of Storage	2~8℃		
Reference Standard	Enterprise Standard		

TEST	SPECIFICATION	RESULT
Appearance	White or almost white powder	Conforms
Solubility	soluble in water	Conforms
Water Content (Karl Fischer)	≤8.0%	6.0%
Acetic Acid (By HPLC)	≤0.25%	0.1%
Triluoroacetic acid (By HPLC)	≤25.0%	19.2%
Peptide Purity (By HPLC)	≥98.0%	99.2%
Related Substance (By HPLC)	Total Impurities(%)≤2.0%	≤2.0%
	Largest Single Impurity(%)≤1.0%	≤1.0%
Organic Solvent Residue	Acetonitriles≤0.041%	<0.041%
	Dichloromethanes≤0.060%	<0.060%
	N,N-Dimethylformamide≤0.088%	<0.088%

Conclusion	Conforms to the Enterprise standard
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Analyst: Judy Lyons

Checker: Ken Holmes

Approved by: John Rimmer