

Certificate of Analysis

Product Name	Ipa [REDACTED]		
Molecular Formula	C ₃₈ H ₄₉ N ₉ O ₅	Batch No.	2025052601-2
Molecular Weight	711.853	Date of Producing	2025/06/03
Date of Survey	2025/06/12	Retest Date	2027/06/02
Reference Standard	Enterprise Standard	Specification	10mg

TEST	SPECIFICATION	RESULT
Appearance	White or almost white powder	Conform
Solubility	Soluble in water	Conform
Water Content (Karl Fischer)	≤8.0%	3.2%
Acetic Acid (By HPLC)	≤ 18.0%	16.8%
Peptide Purity (By HPLC)	≥ 98.0%	99.6%
Related Substance (By HPLC)	Total Impurities(%) ≤ 2.0%	0.4%
	Largest Single Impurity(%) ≤ 1.0%	0.3%
Assay	95%-105%	100.05%
Organic solvent residue	Acetonitrile ≤ 0.041%	<0.041%
	Dichloromethane ≤ 0.060%	<0.060%
	N,N-Dimethylformamide ≤ 0.088%	<0.088%
Bacterial endotoxin	<10EU/mg	<10EU/mg
Conclusion: the product conforms with enterprise standard and qualified		

The product is for compliant use only.

Analyst: Cheng Diya

QC. Director: Ling Cheng

Checker: Shi Ru