

Certificate of Analysis

Name	KLOW	CAS No.	/
Formula	/	Origin	Chemical Synthesis
Lot No.	20251020	Manufacture Date	2025.10.20
Lot Size	/	Retest date	2027.10.19
Storage	Place in an airtight container protected from light and keep the temperature between 2°C and 8°C.		
Test Items	Acceptance Criteria	Test Results	
【Description】			
Appearance	White or almost white lyophilized powder	White lyophilized powder	
【Identification】			
HPLC Identification	The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay.	Conforms	
【Test】			
Peptide Purity (By HPLC)	≥98.0%	99.33%	
Solubility	Soluble in water	Conforms	
Water Content (Karl Fischer)	≤8.0%	4.5%	
Acetic Acid (By HPLC)	≤10.0%	6.1%	
Trifluoroacetic Acid	≤0.5%	Not Detected	
Related Substance (By HPLC)	Total Impurities(%) ≤ 2.0%	0.67%	
	Largest Single Impurity(%) ≤ 1.0%	0.36%	
Bacterial Endotoxins	≤10 EU/mg	Conforms	
Residual Solvents	Acetonitrile: NMT 410ppm	108ppm	
	Dichloromethane: NMT 600ppm	Not Detected	
	DMF: NMT 880ppm	Not Detected	
【Assay】			
Assay	95.0 ~ 105.0%		
Content	BPC 157 10mg	12.41mg	
	GHK-CU 50mg	55.36mg	
	TB500 10mg	11.12mg	
	KPV10mg	11.75mg	
Conclusion: This batch of product conforms with enterprise standard and qualified.			
Important Notice: This PRODUCT IS INTENDED AS A RESEARCH CHEMICAL ONLY. This product is not a drug, food, or cosmetic.			

