

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	GHK
Lot No.:	3140030
Sequence:	Gly-His-Lys
Modifications:	N/A
Storage Conditions:	-20°C.

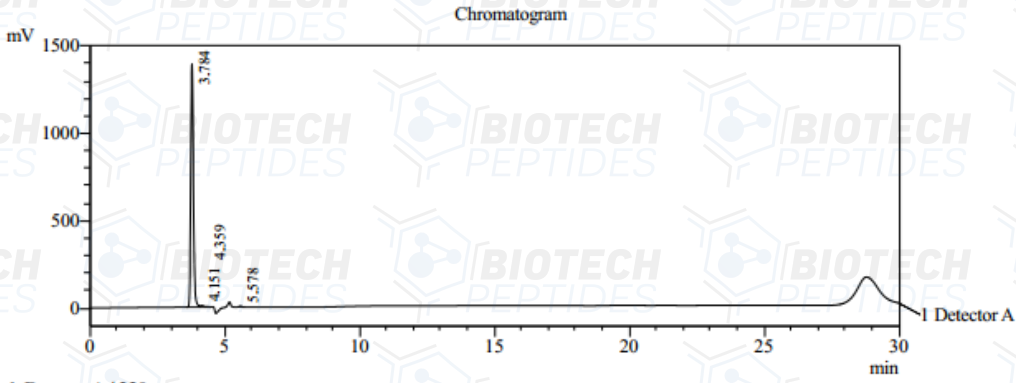
Quality Control

Test Items	Specifications	Results
Appearance	White to off-white lyophilized powder	White to off-white lyophilized powder (Conforms)
Molecular Weight (MS)	340.38±1.0	339.60 Da
Purity by HPLC	>98%	98.8%
Retention Time (HPLC)	±0.2min of Standard	Conforms
Assay	80.0%~ 120.0%	91.8%
Solubility	50 mg/1ml H ₂ O	Clearly soluble
Acetic acid content	≤25.0%	11.3%
TFA Content	≤0.500%	Conforms
DCM Content	≤0.060%	N.D.
DMF Content	≤0.088%	N.D.
Total Aerobic Count	≤100CFU/g	Conforms
Yeast & Molds Count	≤100CFU/g	Conforms
Endotoxins	≤0.5EU/mg	Conforms

Report Date: 01 Jan 2026

Sample Information	
Lot. No	3140030
Pump A	0.1% trifluoroacetic in 100% water
Pump B	0.1% trifluoroacetic in 100% acetonitrile
Total Flow	0.8ml/min
Wavelength	220nm
Analytical column type	Inertsil ODS-3 ;4.6*250mm*3um
Dissolution method	100%H ₂ O
Acquisition Time	2026/1/01 18:07:09
Inj. Volume	10ul

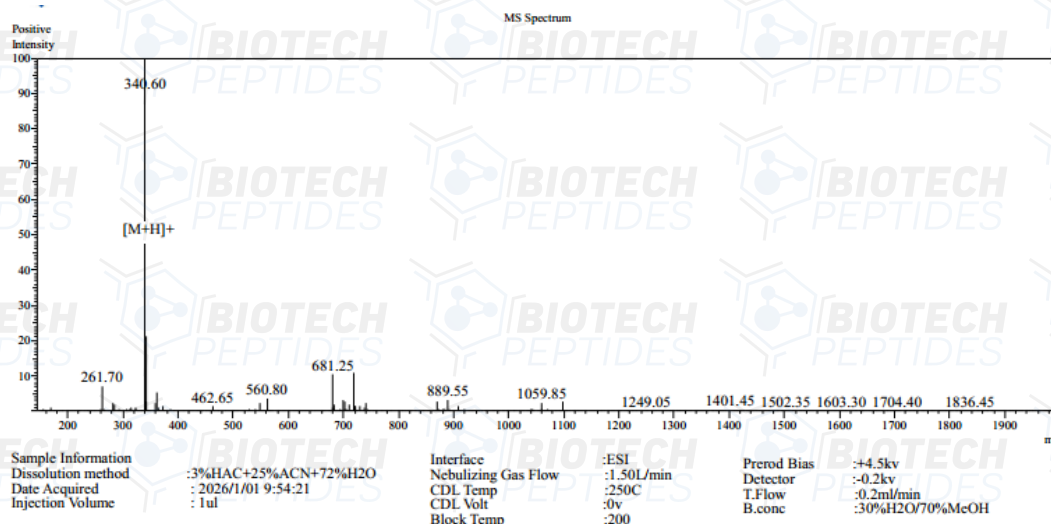
Time	Module	Action	Value
0.01	Pumps	B.Conc	5
20.00	Pumps	B.Conc	15
25.00	Pumps	B.Conc	90
26.00	Controller	Stop	



1 Detector A / 220nm

Detector A 220nm

Peak#	Ret. Time	Area	Height	Area %
1	3.784	9556158	1390854	98.807
2	4.151	73107	7952	0.756
3	4.359	12298	2155	0.127
4	5.578	29988	5229	0.310
Total		9671551	1406190	100.000



Lot No.	3140030
Theoretical	340.38
Observed	339.60