

CERTIFICATE OF ANALYSIS

 PRODUCT NAME	cagrilintide	 BATCH NUMBER	BT202601-T01056
 CAS.NO	N/A	 MANUFACTURE DATE	20260720
 MOLECULAR WEIGHT	4409.12 Da	 RETEST DATE	20260721
 N/A	N/A	 REPORT DATE	20260721
 INSPECTION ITEMS	Full inspection		

TEST ITEM	SPECIFICATION	TEST RESULT	TEST METHOD
Appearance	White to off-white lyophilized powder	White to off-white lyophilized powder	Visual
HPLC Main Purity (RP C18, 220nm)	≥98.0%	99.72%	RP-HPLC USP<621>
Maximum Monospecific Impurity	≤0.5%	0.21%	HPLC
Total Impurity Content	≤1.2%	0.73%	HPLC
Molecular weight identification	4408~4410 Da	4409.12 Da	ESI-LC-MS
Peptide Content	≥80.0%	99.15%	Amino acid composition analysis
Water Content	≤8.0%	3.42%	Water titration
Acetate Residues	≤5.0%	2.36%	HPLC
Bacterial Endotoxin, Endotoxin	≤1.0 EU/mg	0.47 EU/mg	Gel method
pH Value (1mg/mL Aqueous Solution)	4.0 ~ 6.0	5.18	Acidometer, pH meter

 CONCLUSION	Conform with specification
 PACKING	Double food grade plastic-bag inside, aluminum foil bag or fiber drum outside.
 STORAGE	Stored in dry and cool place, keep away from strong light and heat.

FOR RESEARCH USE ONLY
NOT FOR HUMAN CONSUMPTION
This product is intended solely for laboratory research purposes. It is not intended for diagnostic, therapeutic, or any human use.

QC MANAGER:

CAOTAO

Caotao



INSPECTOR:

LINING

Lining



ANALYST:

LIANGCHUN

Liangchun

