



MYPEP
— BIOTECH —
PREMIUM COMPOUNDS



mypepbiotech.co.uk



mypepbiotechuk@gmail.com



United Kingdom



Research Use Only

CERTIFICATE OF ANALYSIS

 PRODUCT NAME	Semaglutide	 BATCH NUMBER	HW251112- 1
 CAS.NO	910463-68-2	 MANUFACTURE DATE	2025.11.12
 MF.	C187H291N45O59	 CERTIFICATE DATE	2025.11.12
 MW.	4113.58	 EXPIRE DATE	2027.11.12

ITEM	SPECIFICATION	RESULT	TEST METHODS
Appearance	White Powder	Complies	Visual
Identity by HPLC	The retention is same with the reference substance	Complies	HPLC
Identity by MS	4113.58±1	Complies	MS
Solubility	Solube in water	Complies	Visual
Amino Acid Composition	±10% of theoretical	Complies	HPLC
Peptide Purity (By HPLC)	≥98.0%	99.5%	HPLC
Water Content (Karl Fischer)	≤8.0%	2.42%	Karl Fischer
pH Value	6.0-9.0	7.01	pH Meter
Specific Optical Rotation	-16.0° ~ -6.0°	-9.8°	Polarimeter
High Molecular Protein	≤0.5%	0.03%	HPLC
Sodium Ion	1.5% - 4.0%	1.7%	ICP-MS
Bacterial Endotoxins	≤2EU/mg	Complies	LAL
Related Substances	Single impurity ≤1.0%	0.2%	HPLC
TFA Ion	≤0.1%	Not Detected	HPLC
Acetate Ion	≤0.1%	Not Detected	HPLC

 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



Unit 12, Millennium Business Centre,
Huddersfield, HD1 5GQ, United Kingdom



mypepbiotechuk@gmail.com



mypepbiotech.co.uk