

Certificate of Analysis

Sample Description:	Retatrutide
CAS NO.:	2381089-83-2
Molecular Formula:	C223H343F3N46O70
Formula Weight:	4731.33
Batch Quantity:	2,500g
Manufacture Date:	20250710
Expiry Date:	20270709
Inspection Date:	20250714

ITEM	SPECIFICATION	RESULT
Appearance	White or almost white powder	Complies
Odor	No obvious odor	Complies
Solubility	Soluble in water	Complies
Water Content	≤10.0%	3.30%
Purity(HPLC)	≥98.0%	99.60%
Total impurities	≤2%	0.40%
the Largest Single Impurity	≤1%	0.22%
Assay	≥95.0%	108.70%
Organic Solvent	USP	Complies
Total Plate Count	≤1000CFU/g	Complies
Yeast and Mold	≤100CFU/g	Complies
E. coli	Negative	Negative
P. aeruginosa	Negative	Negative
Salmonella and S. aureus	Negative	Negative
Bacterial Endotoxin	≤0.5EU/mg	Complies

Conclusion: The sample complies with enterprise standard and qualified

Storage: Sealed container, Dry & Low temperature environment.

Packing: Customized specification bottled product.

Shelf Life: 2 years when properly stored.

Statements: Products is Non-Irradiated & Non-GMO.

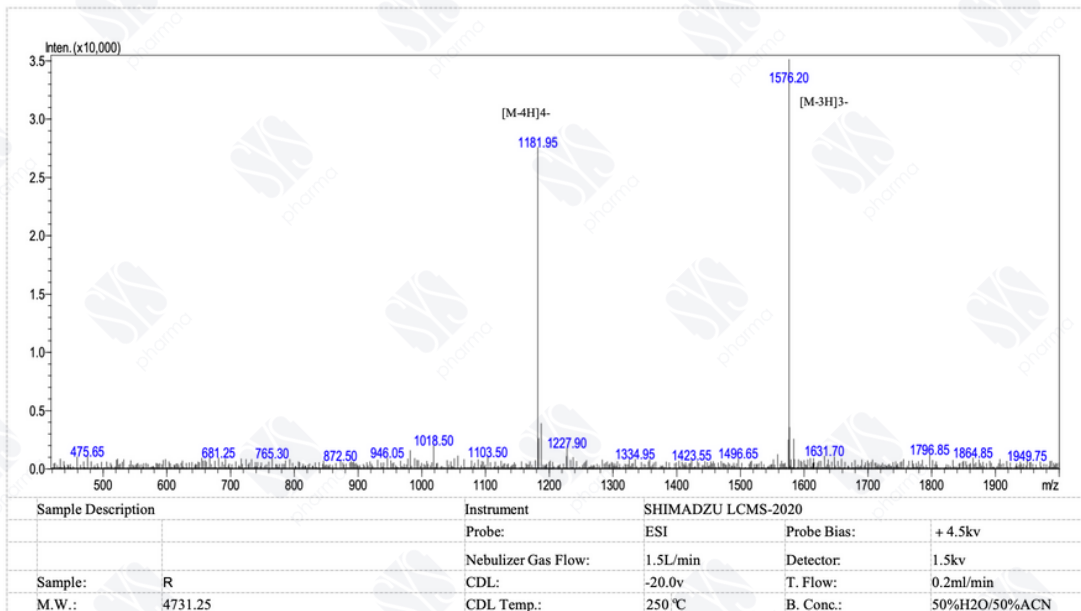
QC: Wang Xuan

QA: Zhang Zhichen

SYS PHARMA CORP.

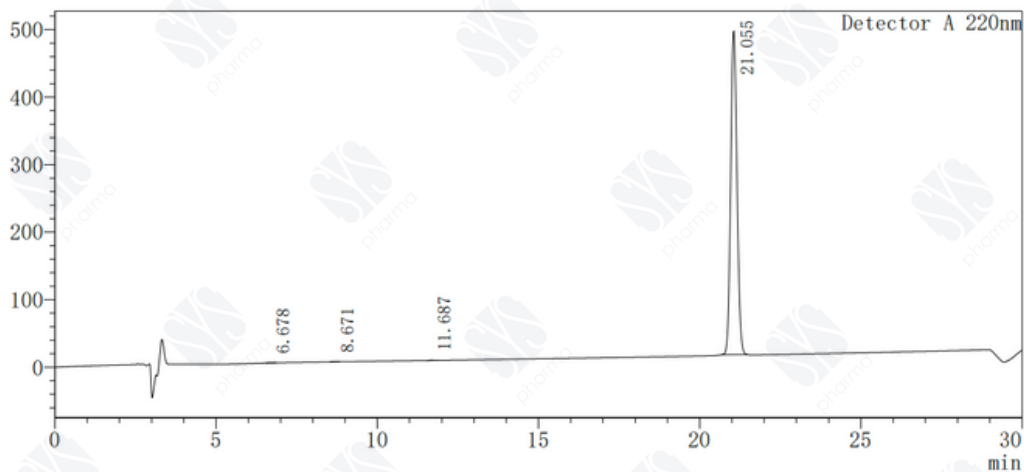
RAW DATA

MASS SPECTROMETRY REPORT



<Chromatogram>

mV



<Results>

Detector A 220nm

Peak No	Peak ID	Ret Time	Height	Area	Conc.
1		6.678	349	2684	0.04
2		8.671	414	3338	0.05
3		11.687	484	3782	0.06
4		21.055	478552	6491593	99.85
总计			479798	6501396	100.00