

CERTIFICATE OF ANALYSIS

Product Name	Hp1239, Cat.#: 307911 (TFA removed)
Lot No.	MTFA32764-2-0429
Sequence	ILSYLWNGIKSIF (Acetate Salt)
Dissolution condition	15%ACN+85%H2O
Length	13AA
Modification	acetate salt
Molecular Weight (MW)	1553.86
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1553.80	Conforms
Purity by HPLC	>95%	97.838%
Peptide content	N/A	N/A
Moisture content	N/A	N/A
Acetic acid content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	10mg	5.0mg*2

NovoPro Bioscience Inc. (hereafter NovoPro) warrants material of said quality at the time of sale. It is the sole responsibility of the customers to determine the adequacy of all materials for any intended or specific purpose or use. NovoPro's sole obligation is to replace the material up to the extent of the purchase price. This warranty applies only to products in original packaging and does not apply to a product which has been tampered with or altered in any way in or which has been misused or damaged by accident or negligence. All claims must be received writing (by fax or email) within 30 days from date when product arrive at the destination city and failure to do so shall constitute a waiver by customers for any and all such claims.

Certified by:



May/15/2025

Quality Assurance Department

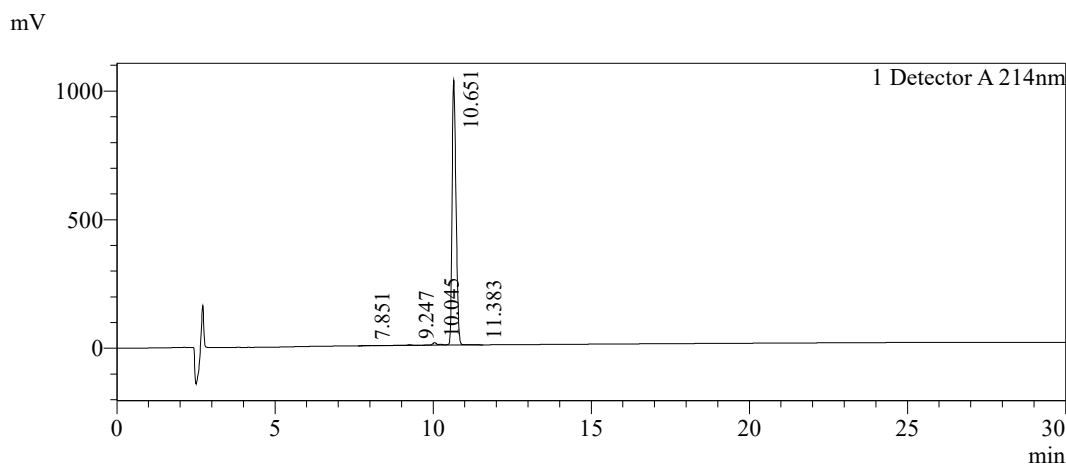


Sample Information

Order ID	:MTFA32764-2
Name	:Hp1239
Sequence	:ILSYLWNGIKSIF (Acetate Salt)
Lot. No	:MTFA32764-2-0429
Pump A	:0.1%Trifluoroacetic in 100% water
Pump B	:0.1%Trifluoroacetic in 100% acetonitrile
Total Flow	:1ml/min
Wavelength	:214nm
Analytical column type	:Kromasil 100-5-C18 (4.6*250mm*5 µm)
Dissolution method	:15%ACN+85%H ₂ O
Inj. Volume	: 15ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	35
30.00	Pumps	B.Conc	65
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	35
50.00	Controller	Stop	

Chromatogram

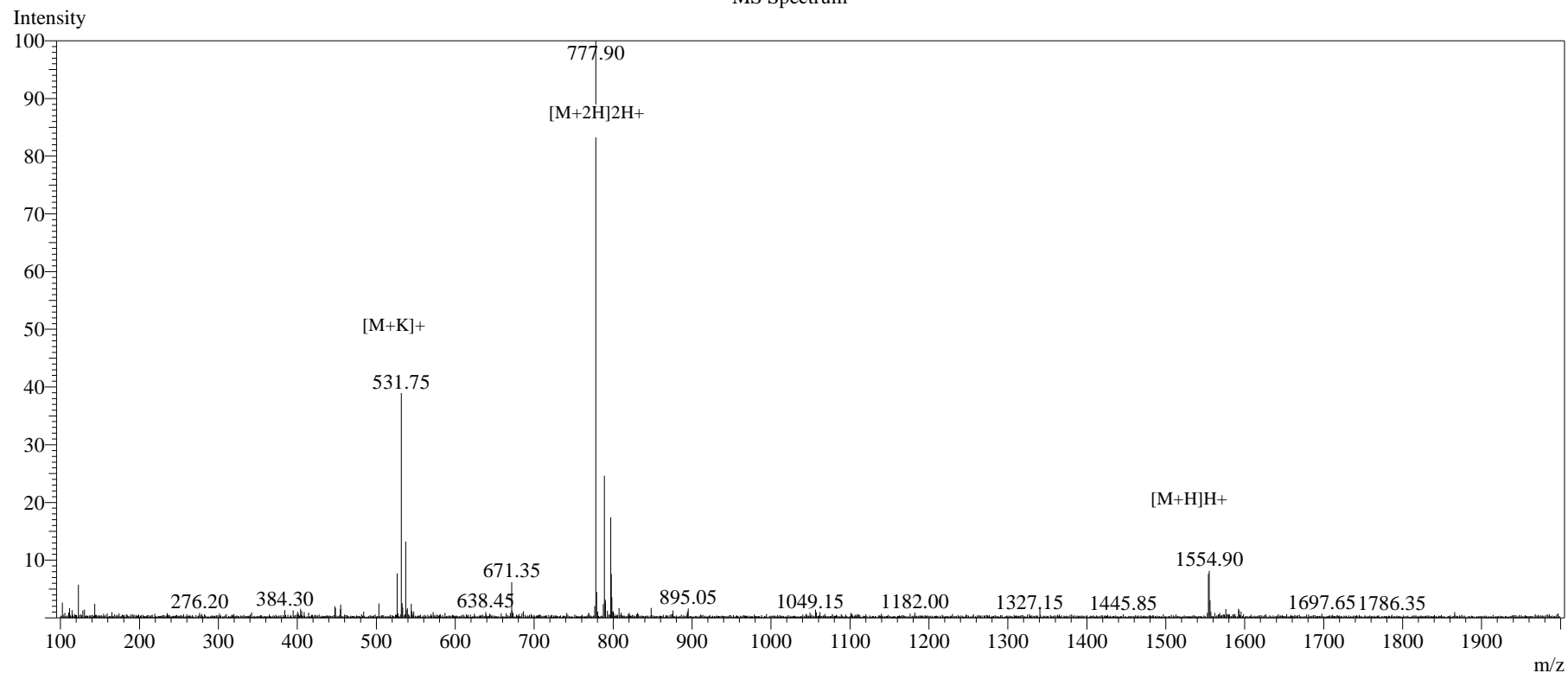


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	7.851	5983	507	0.065
2	9.247	41089	2455	0.449
3	10.045	126444	10097	1.383
4	10.651	8945186	1029426	97.838
5	11.383	24179	821	0.264
Total		9142881	1043307	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/05/12 15:02:36	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250°C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50% H ₂ O/50% ME OH
Order ID	:MTFA32764-2				
Name	:Hp1239				
Sequence	:ILSYLWNGIKSIF (Acetate Salt)				
Lot.No	:MTFA32764-2-0429				
Theoretical	:1553.86				
Observed	:1553.80				