
CERTIFICATE OF ANALYSIS

Product Name	TAT peptide, Cat.#: 319506 (TFA removed)
Lot No.	MTFA32336-0114
Sequence	YGRKKRRQRRRC (Acetate Salt)
Dissolution condition	100%H ₂ O
Length	12AA
Modification	acetate salt
Molecular Weight (MW)	1662.97
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1663.05	Conforms
Purity by HPLC	>95%	95.108%
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	40mg	5.0mg*8

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:



Quality Assurance Department

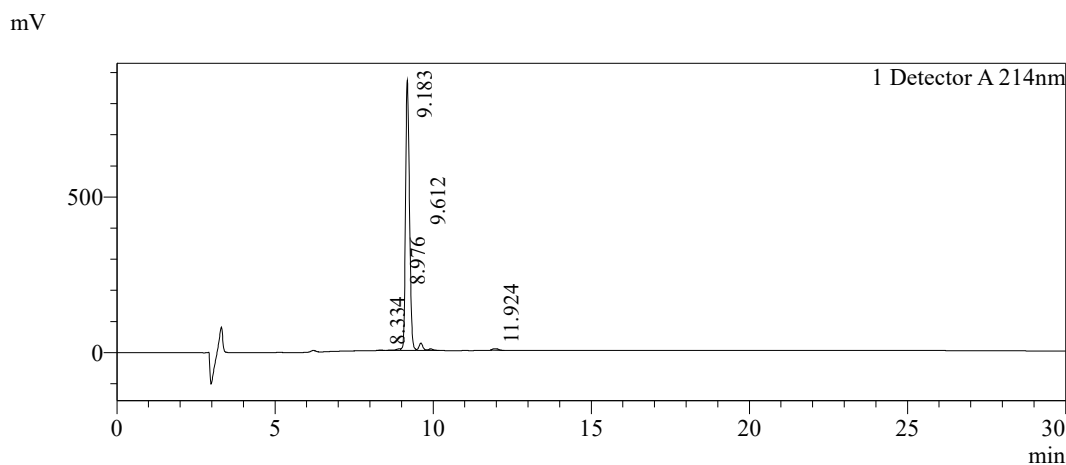
Jan/20/2025



Sample Information

Order ID	:MTFA32336		
Name	:TAT peptide		
Sequence	:YGRKKRRQRRRC (Acetate Salt)		
Lot. No	:MTFA32336-0114		
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	:100%H2O		
Inj. Volume	: 10ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	10
30.00	Pumps	B.Conc	40
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	10
50.00	Controller	Stop	

Chromatogram

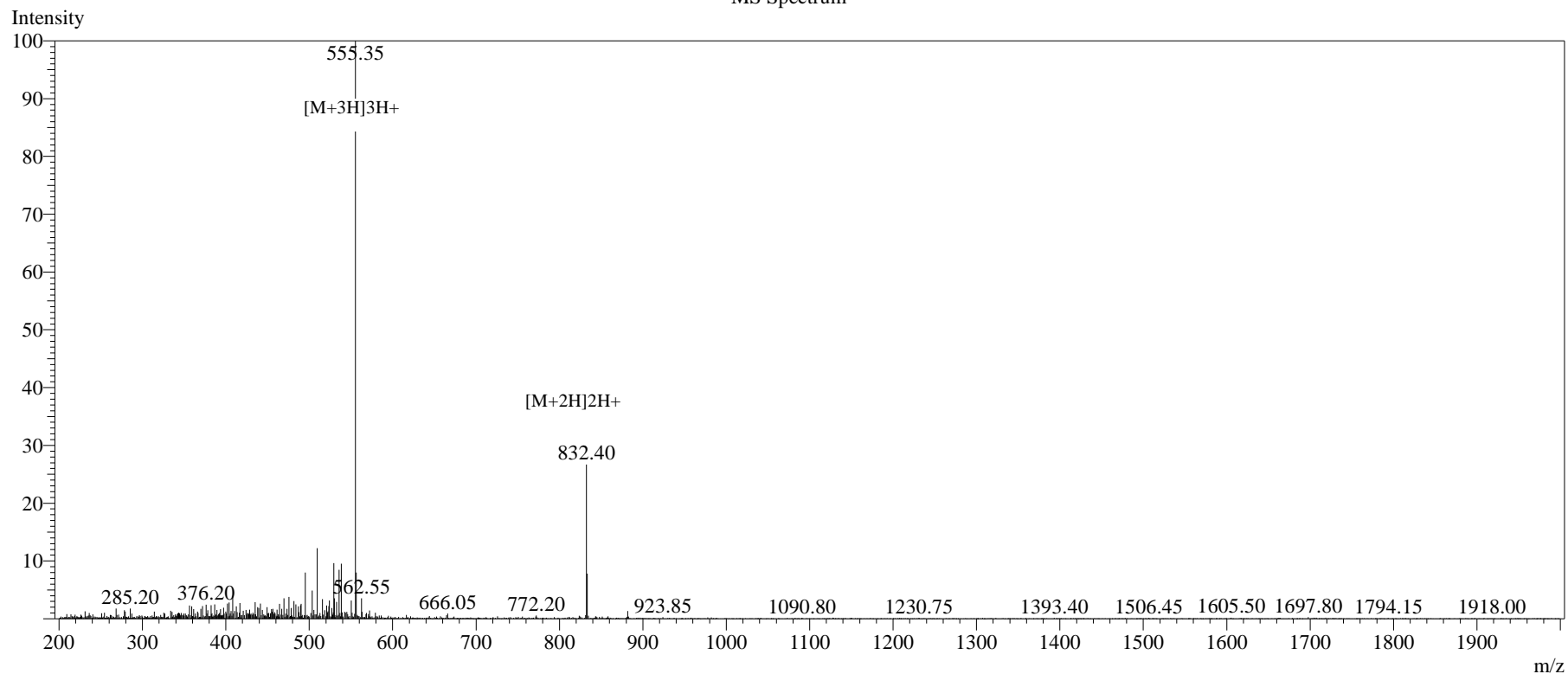


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	8.334	9870	1266	0.124
2	8.976	58446	5143	0.737
3	9.183	7542469	867799	95.108
4	9.612	256417	23769	3.233
5	11.924	63199	4811	0.797
Total		7930401	902788	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/01/16 14:30:03	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% H2O/50% MEOH
Order ID	:MTFA32336				
Name	:TAT peptide				
Sequence	:YGRKKRRQRRRC (Acetate Salt)				
Lot.No	:MTFA32336-0114				
Theoretical	:1662.97				
Observed	:1663.05				