

CERTIFICATE OF ANALYSIS

Product Name	PT-141 (Bremelanotide), Cat.#: 300002 (TFA removed)
Lot No.	MTFA33074-250714
Sequence	PT-141 (Acetate Salt)
Dissolution condition	100%H ₂ O
Modification	acetate salt
Molecular Weight (MW)	1025.18
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1025.20	Conforms
Purity by HPLC	>95%	99.609%
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	3g	50.0mg*60

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: 

Jul/18/2025

Quality Assurance Department

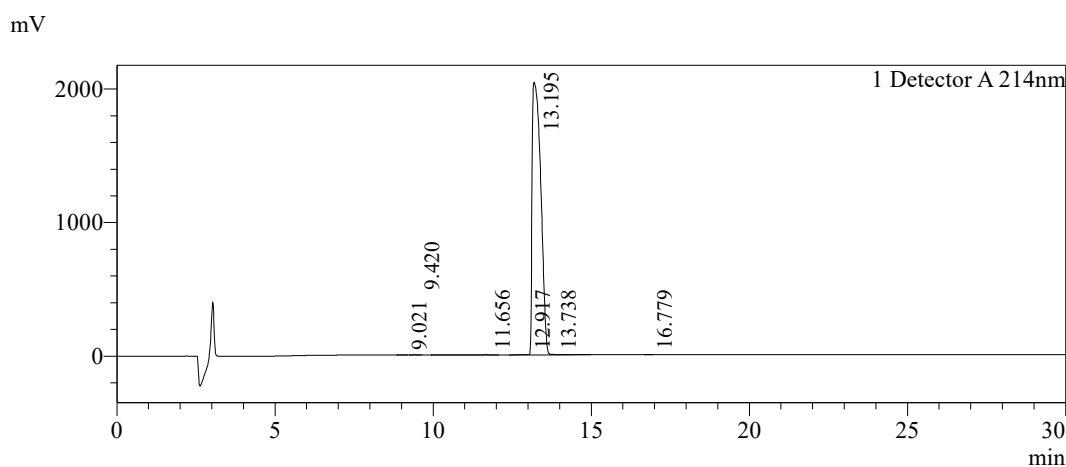


Sample Information

Order ID :MTFA33074
 Name :PT-141
 Sequence :Ac-Nle-cyclo(Asp-His-{D-Phe}-Arg-Trp-Lys) (Acetate Salt)
 Lot. No :MTFA33074-250714
 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 : 15ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	25
30.00	Pumps	B.Conc	55
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	25
50.00	Controller	Stop	

Chromatogram

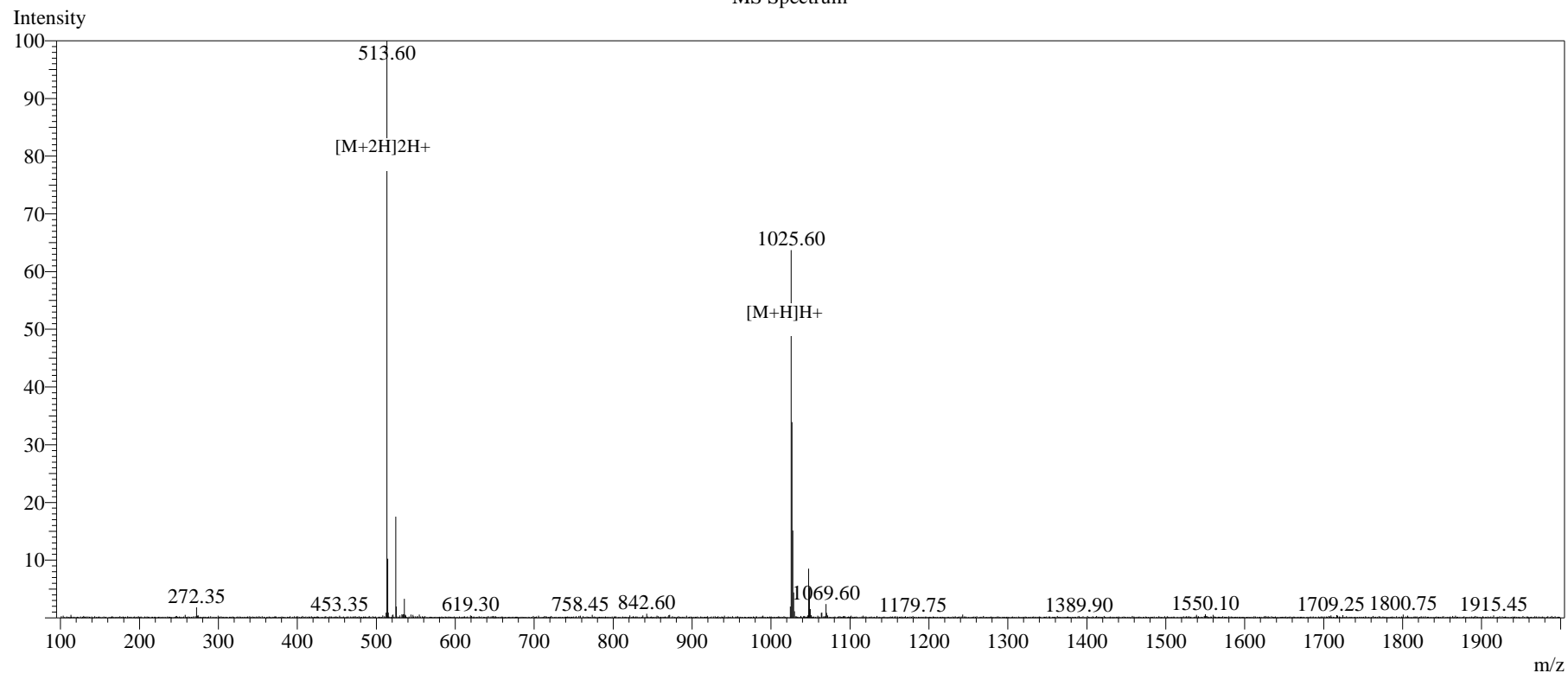


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.021	4890	650	0.013
2	9.420	17620	2133	0.045
3	11.656	37285	1773	0.096
4	12.917	30350	2355	0.078
5	13.195	38828387	2040356	99.609
6	13.738	59729	3786	0.153
7	16.779	2568	366	0.007
Total		38980827	2051419	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/07/17 15:38:46	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	:MTFA33074
Name	:PT-141
Sequence	:Ac-Nle-cyclo(Asp-His-{D-Phe}-Arg-Trp-Lys) (Acetate Salt)
Lot.No	:MTFA33074-250714
Theoretical	:1025.18
Observed	:1025.20