

CERTIFICATE OF ANALYSIS

Product Name	PT-141 (Bremelanotide), Cat.#: 300002 (TFA removed)
Lot No.	MTFA32138-1125
Sequence	Ac-Nle-cyclo(Asp-His-D-Phe-Arg-Trp-Lys-OH) (Acetate Salt)
Dissolution condition	100%H ₂ O
Length	7AA
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%	99.579%
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	200mg	10.0mg*20

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:



Nov/29/2024



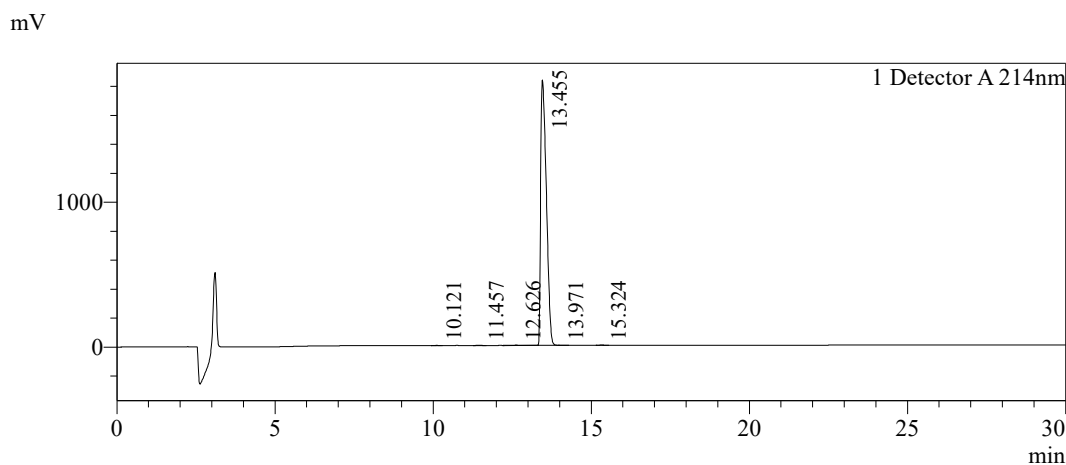
Quality Assurance Department

Sample Information

Order ID :MTFA32138
 Name :PT-141(Bremelanotide)
 Sequence :Ac-Nle-cyclo(Asp-His-D-Phe-Arg-Trp-Lys-OH) (Acetate Salt)
 Lot. No :MTFA32138-1125
 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 : 20ul

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

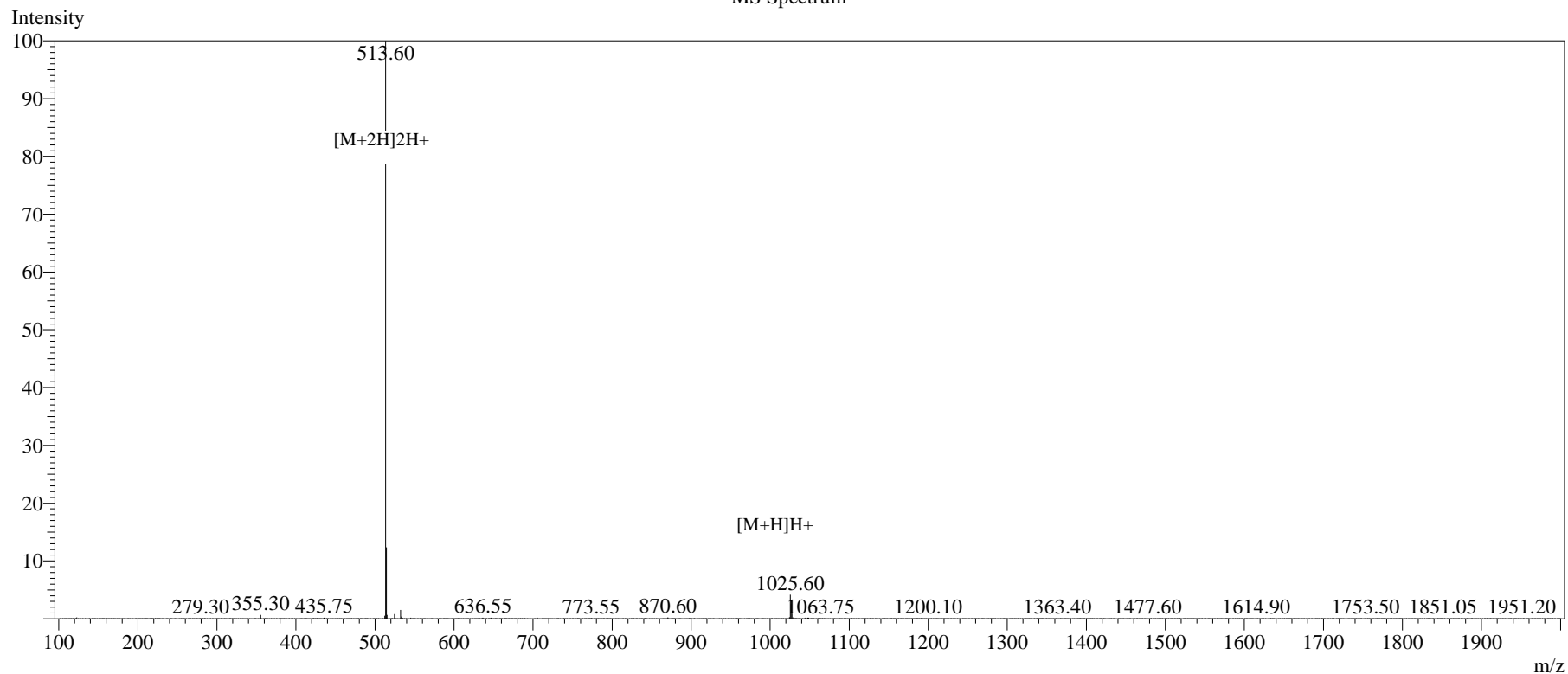


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	10.121	8313	979	0.036
2	11.457	9287	1068	0.040
3	12.626	52402	2895	0.227
4	13.455	22995233	1830653	99.579
5	13.971	5626	850	0.024
6	15.324	21556	2945	0.093
Total		23092417	1839390	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/11/27 16:59:29	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% MEOH

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Name	:PT-141 (Bremelanotide)
Sequence	:Ac-Nle-cyclo(Asp-His-D-Phe-Arg-Trp-Lys-OH) (Acetate Salt)
Lot.No	:MTFA32138-1125
Theoretical	:1025.18
Observed	:1025.20