

CERTIFICATE OF ANALYSIS

Product Name	Epitalon, Cat.#: 300005 (TFA removed)
Lot No.	MTFA32512-0228
Sequence	AEDG (Desalt)
Dissolution condition	100%H2O
Length	4AA
Modification	salt-free
Molecular Weight (MW)	390.34
Storage	-20°C

Test Items	Specifications	Results
MW by MS	390.25	Conforms
Purity by HPLC	>95%	98.995%
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	500mg	50.0mg*10

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

Mar/05/2025

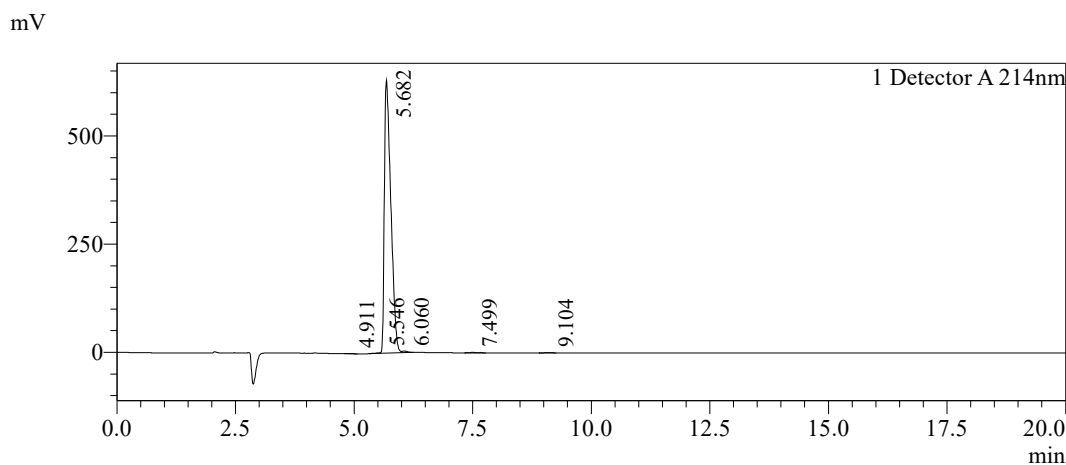


Sample Information

Order ID :MTFA32512
 Name :Epitalon
 Sequence :AEDG (Desalt)
 Lot. No :MTFA32512-0228
 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 : 25ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	0.1
20.00	Pumps	B.Conc	0.1
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	0.1
50.00	Controller	Stop	

Chromatogram

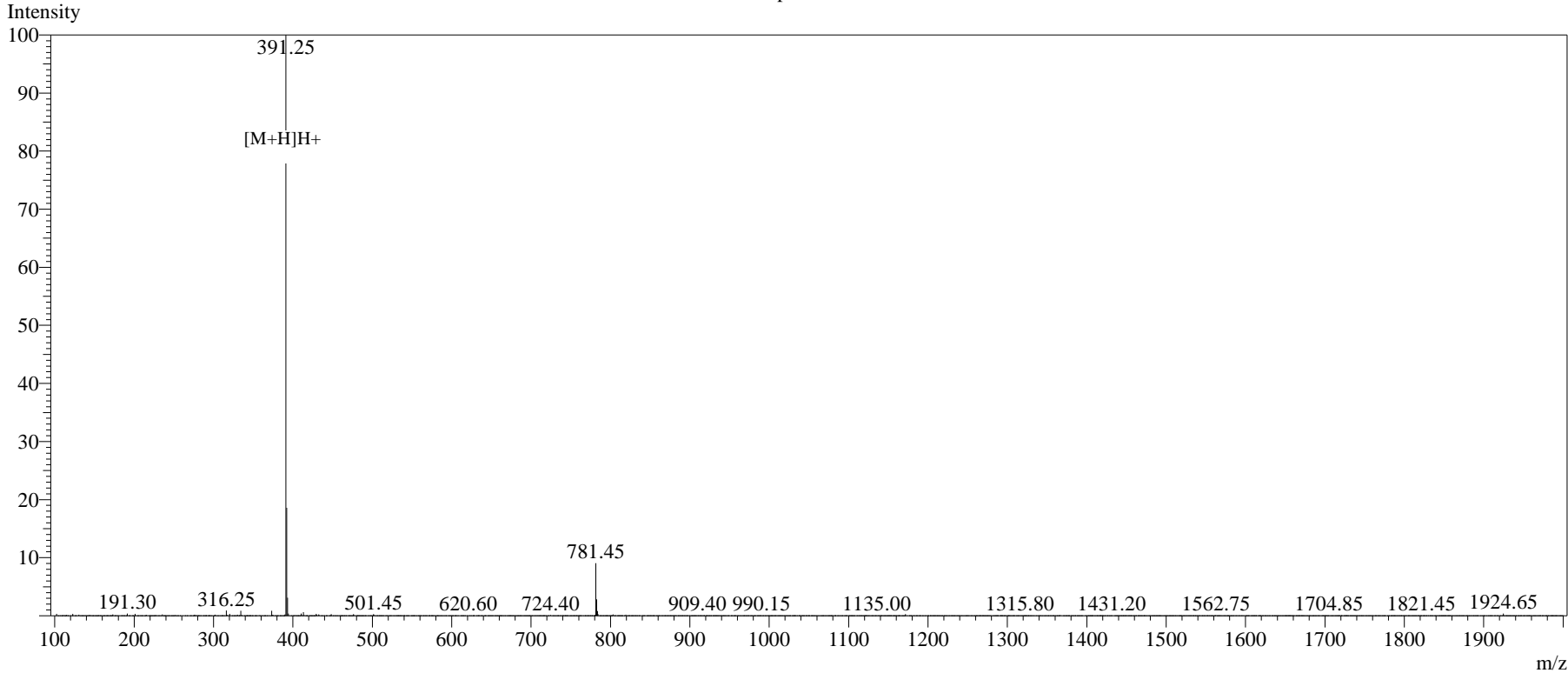


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	4.911	3843	559	0.063
2	5.546	10389	1241	0.171
3	5.682	6013807	630525	98.995
4	6.060	27266	3457	0.449
5	7.499	11650	859	0.192
6	9.104	7884	775	0.130
Total		6074840	637416	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/03/04 13:48:57	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	:MTFA32512
Name	:Epitalon
Sequence	:AEDG (Desalt)
Lot.No	:MTFA32512-0228
Theoretical	:390.34
Observed	:390.25