

CERTIFICATE OF ANALYSIS

Product Name	Proteasome-activating peptide 1, Cat.#: 319820
Lot No.	MTFB20715-260407
Sequence	IPRCRKMPGVKMC-NH2
Dissolution condition	100%H2O
Modification	N/A
Molecular Weight (MW)	1518.00
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1518.00	Conforms
Purity by HPLC	>95%	95.161%
Endotoxin Content	N/A	N/A
TFA solubility	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	20 mg	5.0mg*4

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

Apr/11/2026



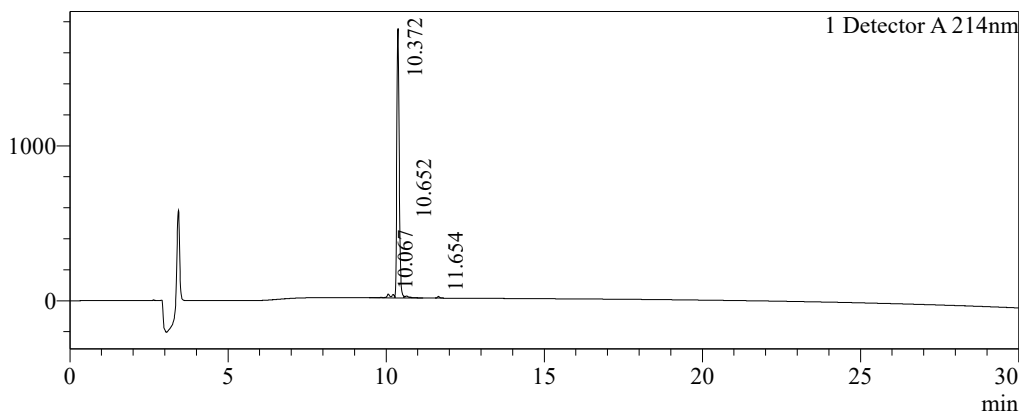
Sample Information

Order ID :MTFB20715
 Name :Proteasome-activating peptide 1
 Sequence :IPRCRKMPGVKMC-NH2
 Lot. No :MTFB20715-260407
 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	15
30.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

Chromatogram

mV

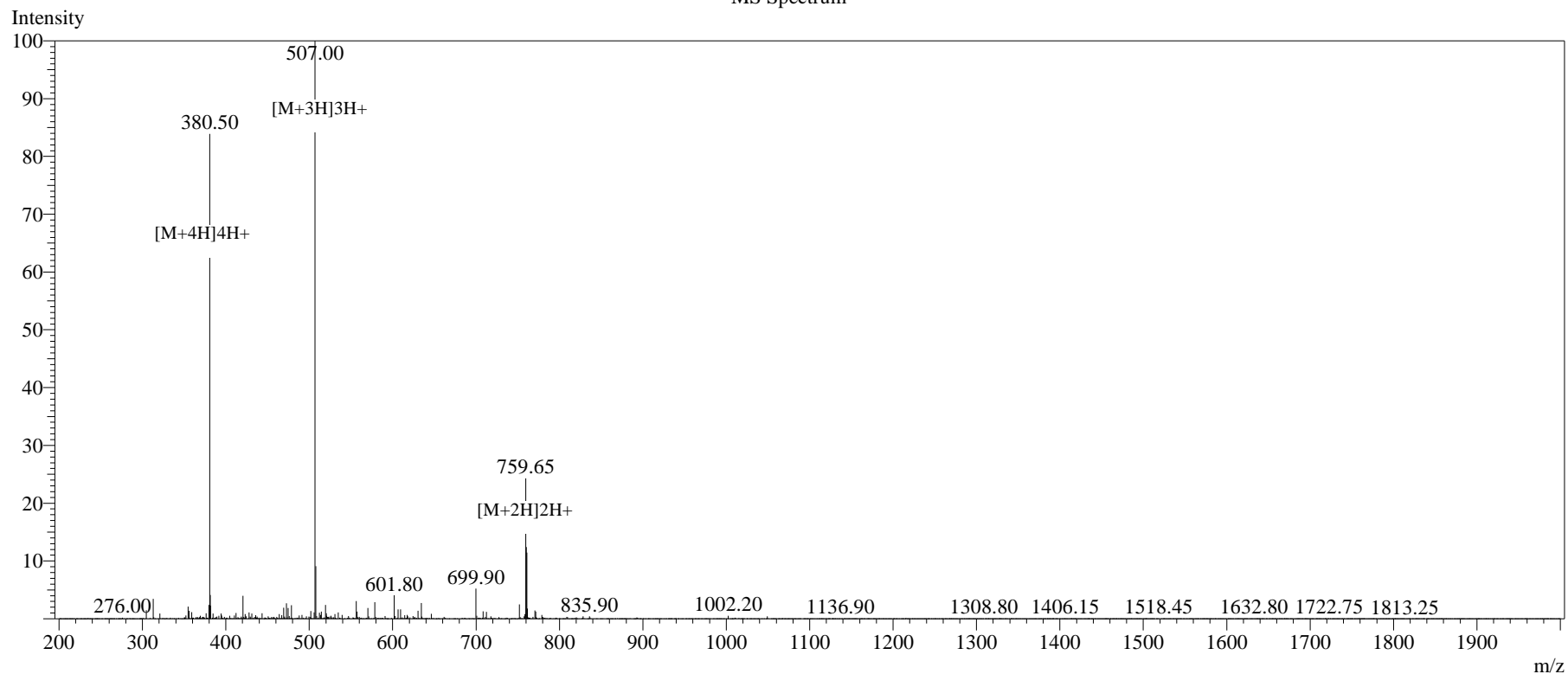


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	10.067	284941	23857	2.930
2	10.372	9255702	1738739	95.161
3	10.652	131920	12740	1.356
4	11.654	53839	10266	0.554
Total		9726402	1785603	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/04/10 15:55:03	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% H ₂ O/50% MEOH

Order ID	:MTFB20715
Name	:Proteasome-activating peptide 1
Sequence	:IPRCRKMPGVKMC-NH ₂
Lot.No	:MTFB20715-260407
Theoretical	:1518.00
Observed	:1518.00