

CERTIFICATE OF ANALYSIS

Product Name	hsp60sp peptide, Cat.#: 319328
Lot No.	MTFA33435-01-251009
Sequence	QMRPVSRVL
Dissolution condition	100%H ₂ O
Modification	N/A
Molecular Weight (MW)	1085.32
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1085.20	Conforms
Purity by HPLC	>95%	95.157%
Peptide 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	20mg	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:



Oct/17/2025

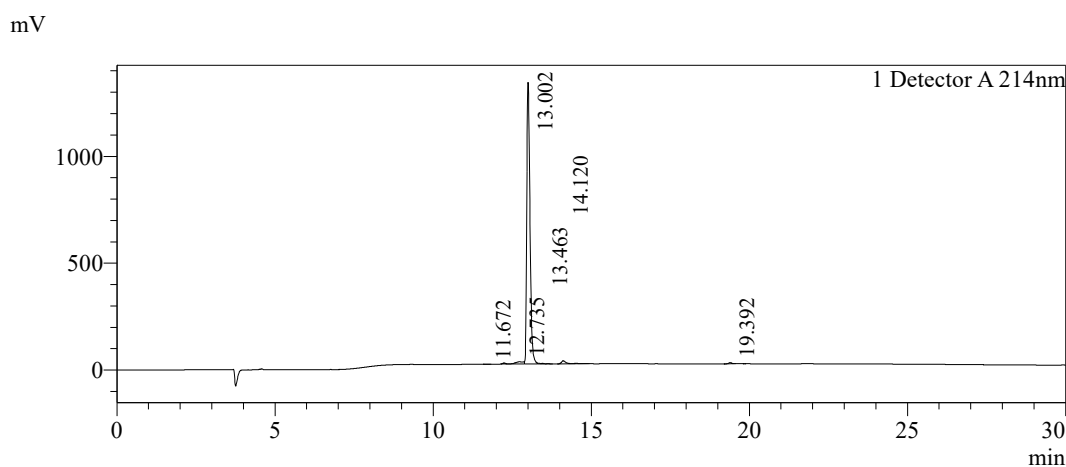
Quality Assurance Department



Sample Information

Order ID	:MTFA33435-01		
Name	:hsp60sp peptide		
Sequence	:QMRPVSRVL		
Lot. No	:MTFA33435-01-251009		
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%H ₂ O		
Inj. Volume	: 20ul		
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

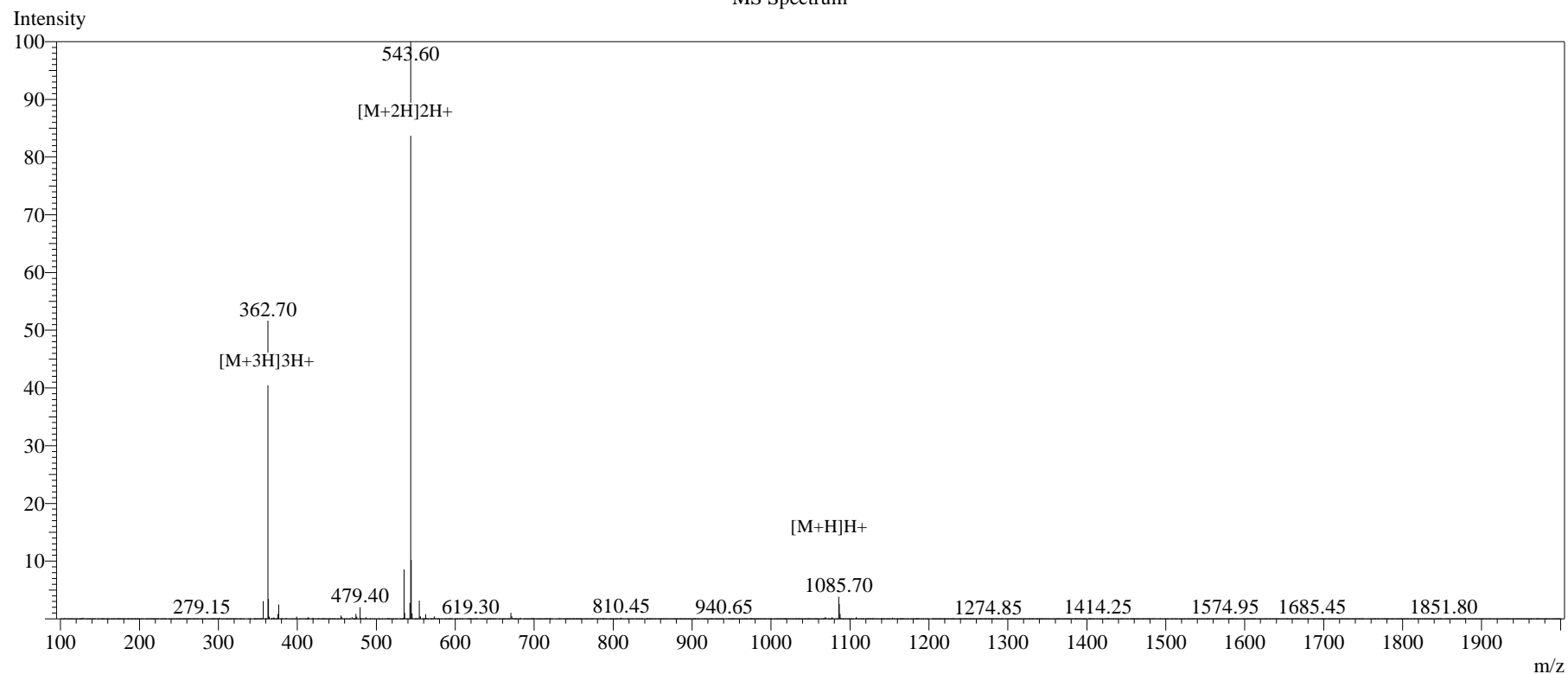


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	11.672	3762	593	0.038
2	12.735	225016	10376	2.289
3	13.002	9355171	1317785	95.157
4	13.463	45085	2314	0.459
5	14.120	168317	14370	1.712
6	19.392	33956	5790	0.345
Total		9831308	1351227	100.000

MS Spectrum



Sample Information

Dissolution method :15% ACN+85% H₂O
 Date Acquired :2025/10/11 13:30:11
 Injection Volume :0.2ul
 Block Temp :200

Interface :ESI
 Nebulizing Gas Flow :1.50L/min
 CDL Temp :250°C
 CDL Volt :0v

Prerod Bias :+4.5kv
 Detector :-0.2kv
 T.Flow :0.2ml/min
 B.conc :50% H₂O/50% ME OH

Order ID :MTFA33435-01
 Name :hsp60sp peptide
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 Lot.No :MTFA33435-01-251009
 Theoretical :1085.32
 Observed :1085.20