

CERTIFICATE OF ANALYSIS

Product Name	Ovalbumin(257-264) antigen peptide
Lot No.	GTA35032-0308
Sequence	SIINFEKL
Dissolution condition	100%H ₂ O
Length	8AA
Modification	N/A
Molecular Weight (MW)	963.13
Storage	-20°C

Test Items	Specifications	Results
MW by MS	962.70	Conforms
Purity by HPLC	>98%	99.286%
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	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:



Quality Assurance Department

March/08/2023

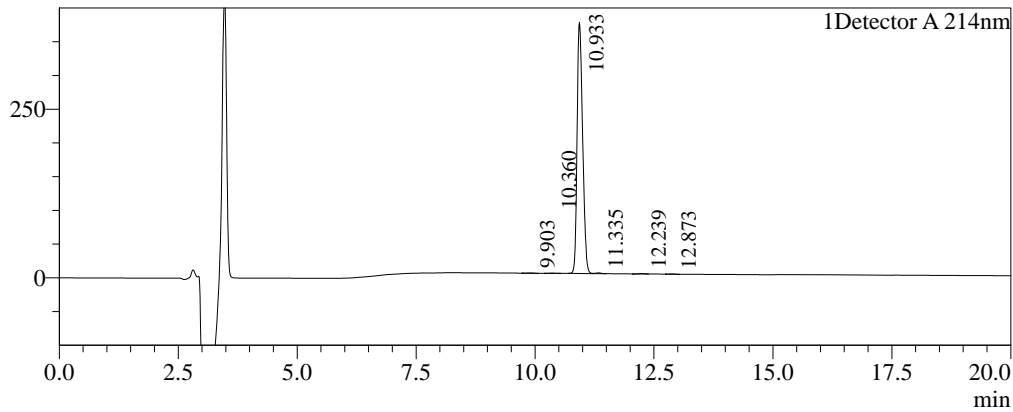


Sample Information

Order ID :GTA35032
 Name :Ovalbumin(257-264)
 Sequence :SIINFEKL
 Lot. No :GTA35032-0308
 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 :YMC-Triart C18(4.6*250mm*5um)
 Dissolution method :100% H2O
 Inj. Volume : 20ul
 Time Module Action Value
 0.01 Pumps B.Conc 20
 20.00 Pumps B.Conc 40
 33.00 Pumps B.Conc 100
 38.00 Pumps B.Conc 100
 40.00 Pumps B.Conc 20
 50.00 Controller Stop

Chromatogram

mV

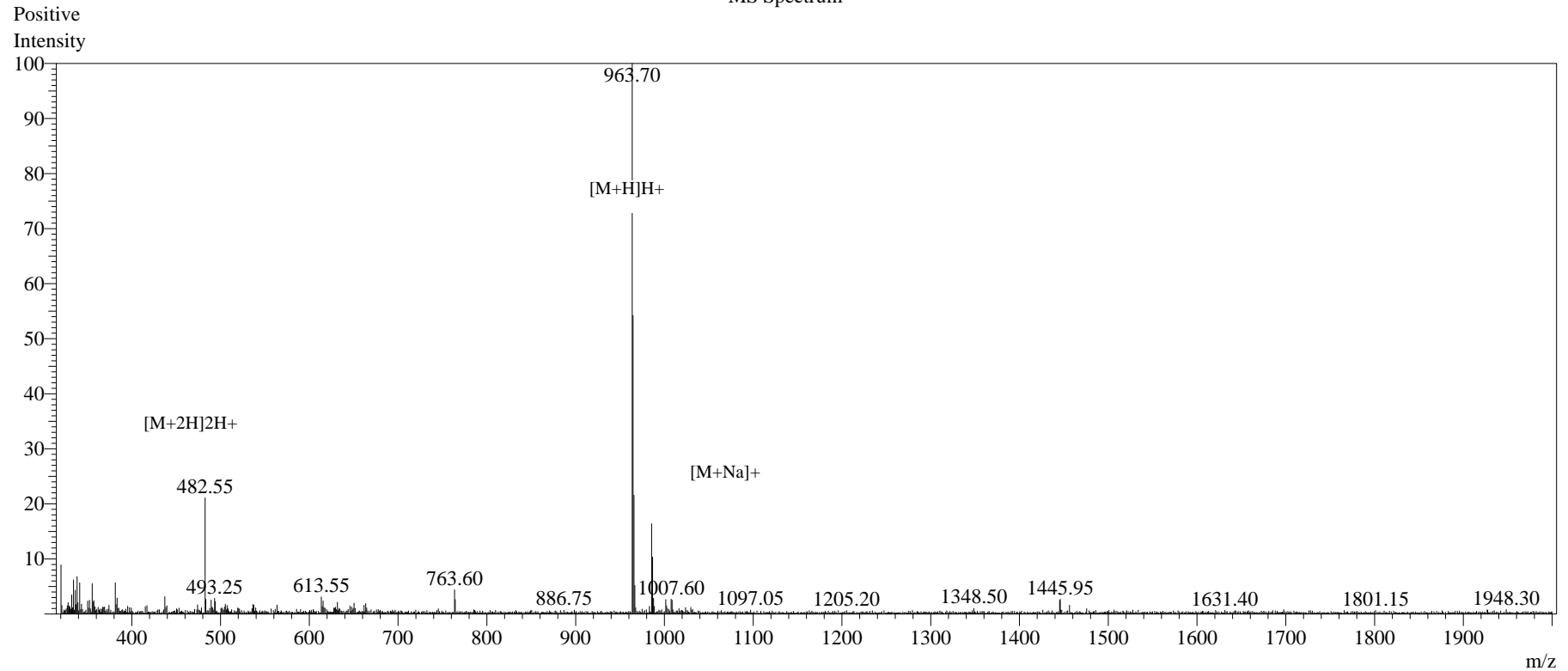


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.903	3153	390	0.104
2	10.360	3208	404	0.106
3	10.933	3017259	372631	99.286
4	11.335	8769	1136	0.289
5	12.239	3772	572	0.124
6	12.873	2800	418	0.092
Total		3038960	375552	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/03/08 14:56:05	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50% H ₂ O/50% MEOH

Order ID	:GTA35032
Name	:Ovalbumin 257-264
Sequence	:SIINFEKL
Lot.No	:GTA35032-0308
Theoretical	:963.13
Observed	:962.70