

CERTIFICATE OF ANALYSIS

Product Name	Protein G B1 Domain (41-56) peptide, Cat.#: 302221
Lot No.	MTFA33319-250915
Sequence	GEWTYDDATKTFTVTE
Dissolution condition	2%NH ₃ .H ₂ O+18%ACN+80%H ₂ O
Modification	N/A
Molecular Weight (MW)	1863.93
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1863.93	Conforms
Purity by HPLC	>95%	95.025%
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:



Sep/26/2025

Quality Assurance Department

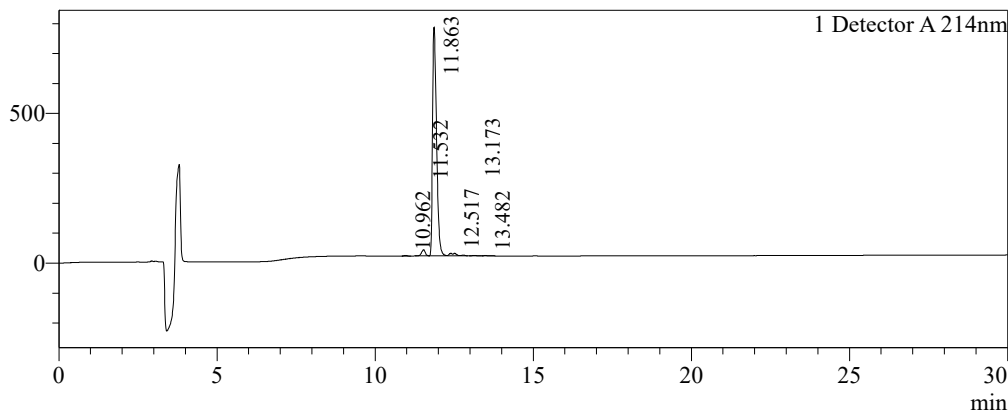


Sample Information

Order ID	:MTFA33319		
Name	:Protein G B1 Domain (41-56) peptide		
Sequence	:GEWTYDDATKTFTVTE		
Lot. No	:MTFA33319-250915		
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	:2%NH3.H2O+18%ACN+80%H2O		
Inj. Volume	: 25ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	20
30.00	Pumps	B.Conc	50
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

Chromatogram

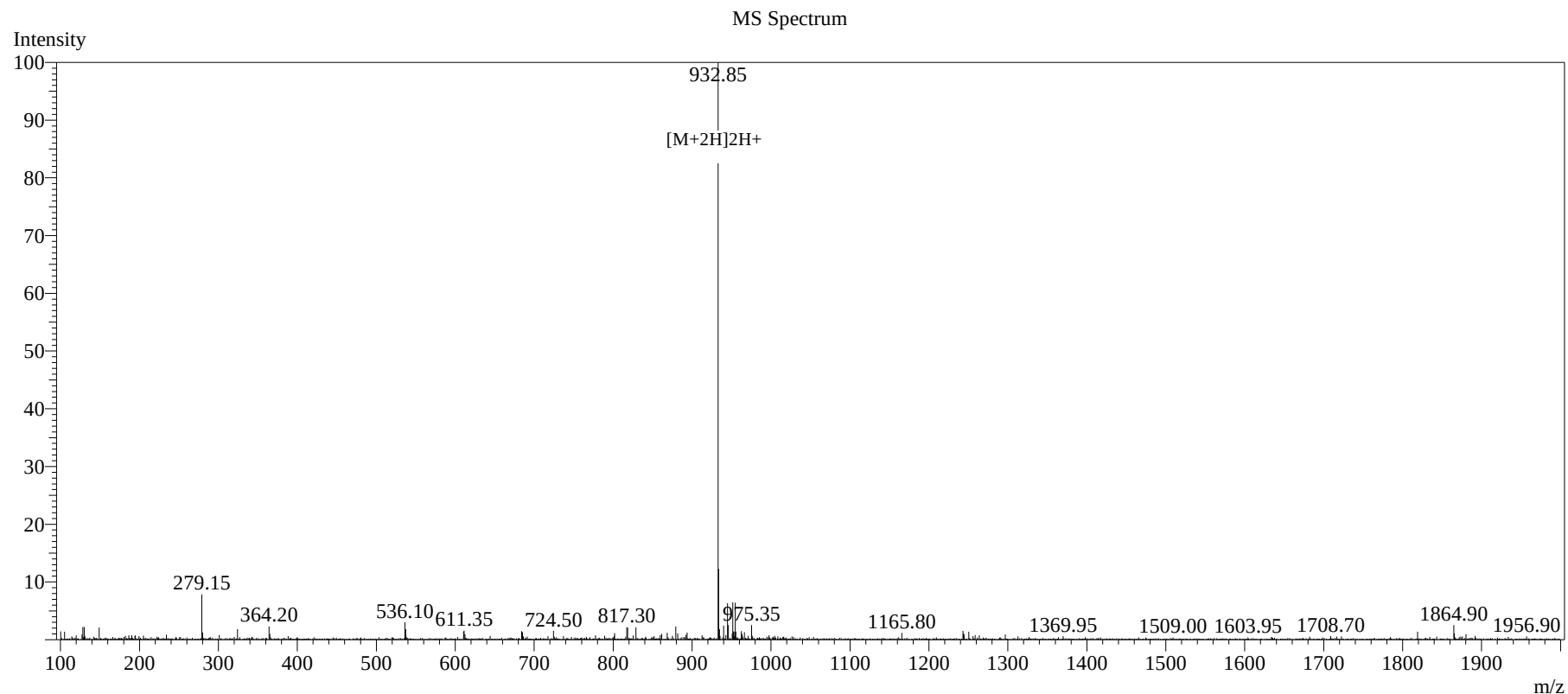
mV



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	10.962	14173	2262	0.200
2	11.532	170594	20464	2.406
3	11.863	6737819	763281	95.025
4	12.517	142138	8467	2.005
5	13.173	12616	949	0.178
6	13.482	13254	1859	0.187
Total		7090594	797283	100.000



Sample Information

Dissolution method :2%NH₃.H₂O+18%ACN+80%H₂O
 Date Acquired :2025/09/25 10:21:54
 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%MEOH

Order ID :MTFA33319
 Name :Protein G B1 Domain (41-56) peptide
 Sequence :GEWTYDDATKTFTVTE
 Lot.No :MTFA33319-250915
 Theoretical :1863.93
 Observed :1863.70