For Enjoyable Discovery

CERTIFICATE OF ANALYSIS

Product Name	β-Amyloid (1-42), Cat.#: 318878
Lot No.	MTFB20535-02-260511
Sequence	DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVVIA
Dissolution condition	2%NH3.H2O+18%ACN+80%H2O
Modification	N/A
Molecular Weight (MW)	4514.10
Storage	-20°C

Test Items	Specifications	Results
MW by MS	4514.00	Conforms
Purity by HPLC	>95%	95.410%
Endotoxin Content	N/A	N/A
TFA solubility	N/A	N/A
Moisture content	N/A	N/A
Peptide 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

May/25/2026

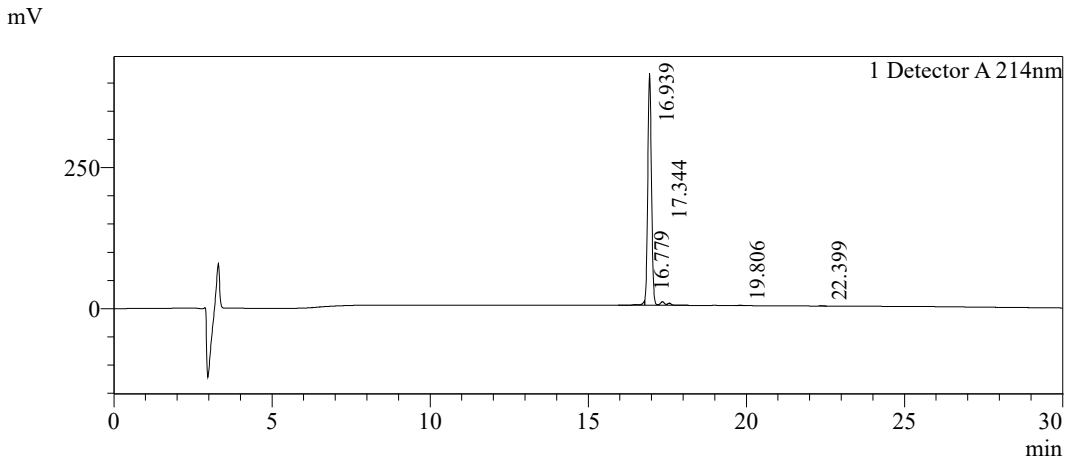
NovoPro Biosciences Inc. VERIFIED Quality Control

Sample Information

Order ID	:MTFB20535-02
Name	:β-Amyloid (1-42), Cat.#: 318878
Sequence	:DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVVIA
Lot. No	:MTFB20535-02-260511
Pump A	:0.1%Trifluoroacetic in 100% water
Pump B	:0.1%Trifluoroacetic in 100% acetonitrile
Total Flow	:1ml/min
Wavelength	:214nm
Analytial 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	25
30.00	Pumps	B.Conc	55
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	25
50.00	Controller	Stop	

Chromatogram

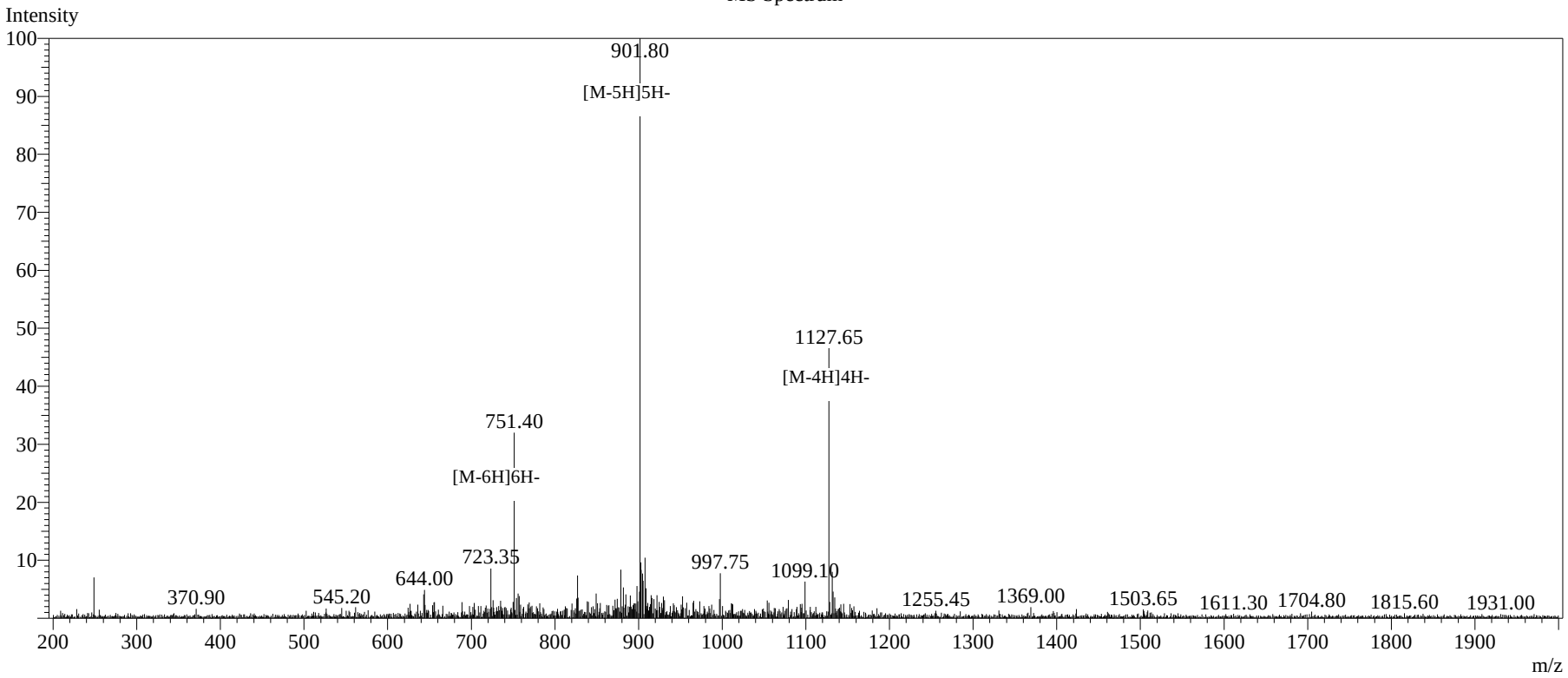


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	16.779	52101	7425	1.493
2	16.939	3328691	410747	95.410
3	17.344	98451	6406	2.822
4	19.806	7661	966	0.220
5	22.399	1941	294	0.056
Total		3488846	425838	100.000

MS Spectrum



Sample Information

Dissolution method	:2%NH3.H2O+18%ACN+80%H2O
Date Acquired	:2026/05/21 15:20:00
Injection Volume	:0.2ul
Block Temp	:200

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

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

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Theoretical	:4514.10
Observed	:4514.00