

CERTIFICATE OF ANALYSIS

Product Name	A3-APO peptide (branched peptide), Cat.#: 306633
Lot No.	MTFA32748-0425
Sequence	[{Chex}-RPDKPRPYLPRPRPPRPVR]2-{Dab}
Dissolution condition	100%H ₂ O
Length	21AA
Modification	Chex=Cyclohexane-carboxylic acid, Dab=1,3-diamino-propionic acid
Molecular Weight (MW)	5004.00
Storage	-20°C

Test Items	Specifications	Results
MW by MS	5004.45	Conforms
Purity by HPLC	>95%	96.799%
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	10mg	5.0mg*2

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:



May/23/2025

Quality Assurance Department

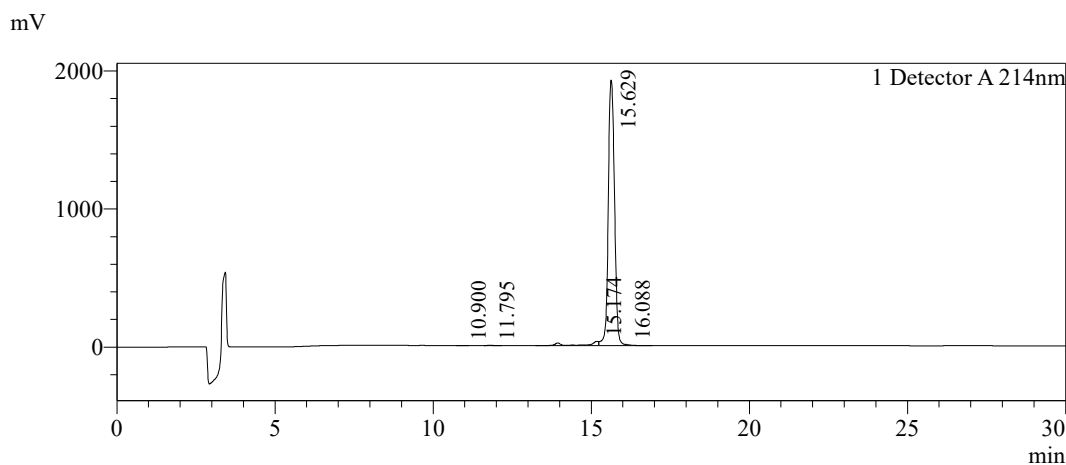


Sample Information

Order ID	:MTFA32748
Name	:A3-APO peptide
Sequence	: [{Chex}]-RPDKPRPYLPRPRPPRPVR]2- {Dab}
Lot. No	:MTFA32748-0425
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	: 30ul

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

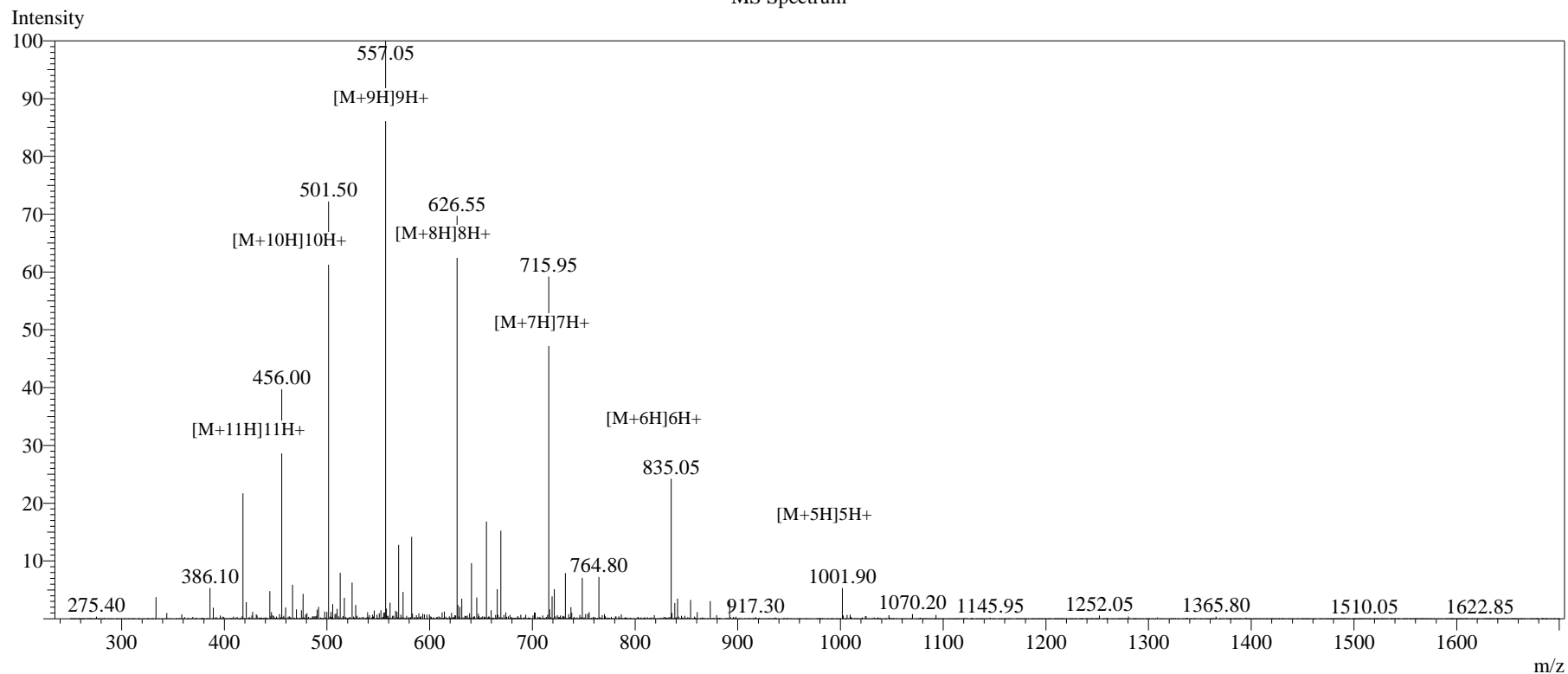


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	10.900	3164	358	0.012
2	11.795	19298	2359	0.071
3	15.174	752948	30625	2.762
4	15.629	26384692	1921468	96.799
5	16.088	97041	8883	0.356
Total		27257143	1963693	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/05/22 13:21:18	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% ME OH
Order ID	:MTFA32748				
Name	:A3-APO peptide				
Sequence	: [{Chex}]-RPDKPRPYLPRPRPPRPVR]2- {Dab}				
Lot.No	:MTFA32748-0425				
Theoretical	:5004.00				
Observed	:5004.45				