

CERTIFICATE OF ANALYSIS

Product Name	PTD-DBM peptide Cat.#: 318831 (TFA removed)
Lot No.	MTFA30668-1106-A
Sequence	RRRRRRRRGGGGRKTGHQICKFRKC (Acetate Salt)
Dissolution condition	100%H2O
Length	25AA
Modification	acetate salt
Molecular Weight (MW)	3082.65
Storage	-20°C

Test Items	Specifications	Results
MW by MS	3083.00	Conforms
Purity by HPLC	>95%	95.342%
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	400mg	5.0mg*4+10.0mg*30

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

Dec/14/2023

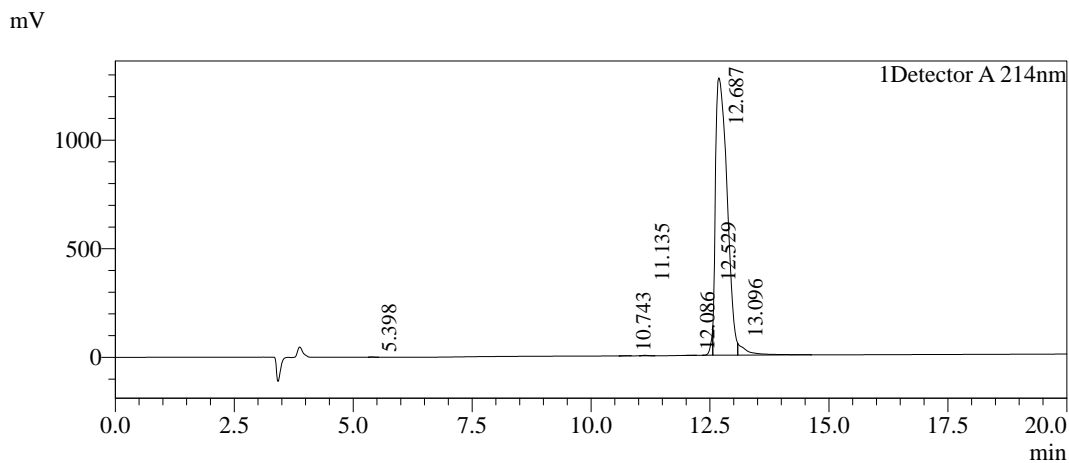


Sample Information

Order ID :MTFA30668
 Name :PTD-DBM peptide
 Sequence :RRRRRRRRGGGGRKTGHQICKFRKC (Acetate Salt)
 Lot. No :MTFA30668-1106-A
 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 :Inertsil ODS-SP C18 (4.6*250mm*5um)
 Dissolution method :100% H2O
 Inj. Volume : 15ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	5
20.00	Pumps	B.Conc	25
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	5
50.00	Controller	Stop	

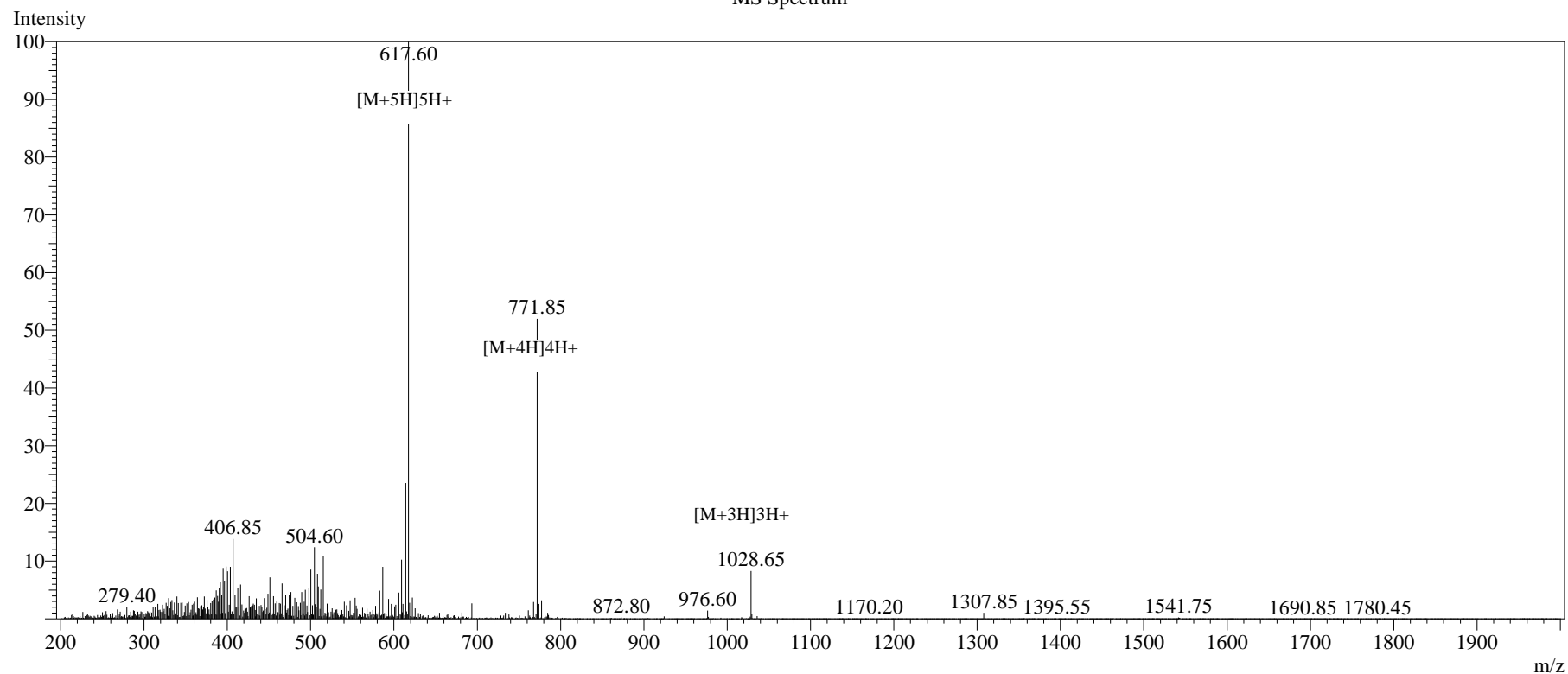
Chromatogram



Peak Table

Peak#	Ret. Time	Area	Height	Area%
1	5.398	7251	1274	0.032
2	10.743	4758	694	0.021
3	11.135	16515	2133	0.073
4	12.086	5809	637	0.026
5	12.529	339218	60533	1.497
6	12.687	21608136	1276331	95.342
7	13.096	682043	51134	3.009
Total		22663729	1392736	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/12/12 17:23:51	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% MEOH

Order ID	:MTFA30668
Name	:PTD-DBM peptide
Sequence	:RRRRRRRRGGGGRKTGHQICKFRKC (Acetate Salt)
Lot.No	:MTFA30668-1106-A
Theoretical	:3082.65
Observed	:3083.00