

CERTIFICATE OF ANALYSIS

Product Name	PSM α 3, Cat.#: 319335 (TFA removed)
Lot No.	MTFA33005-03-250701
Sequence	MEFVAKLFFKFFKDLLGKFLGNN (Acetate Salt)
Dissolution condition	100%H ₂ O
Length	22AA
Modification	acetate salt
Molecular Weight (MW)	2607.11
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2607.20	Conforms
Purity by HPLC	>95%	95.341%
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:



Jul/04/2025

Quality Assurance Department

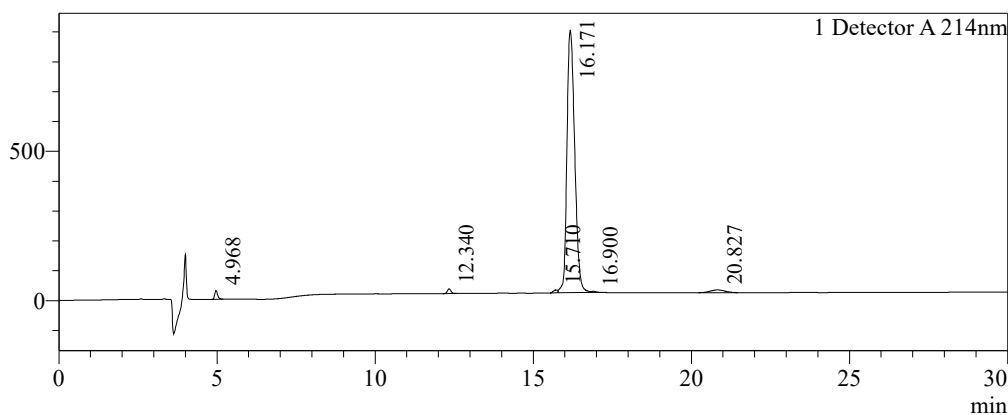


Sample Information

Order ID :MTFA33005-03
 Name :PSM α 3
 Sequence :MEFVAKLKF~~FF~~KDLLGKFLGNN (Acetate Salt)
 Lot. No :MTFA33005-03-250701
 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 μ m)
 Dissolution method :100%H₂O
 Inj. Volume : 25ul
 Time Module Action Value
 0.01 Pumps B.Conc 45
 30.00 Pumps B.Conc 75
 33.00 Pumps B.Conc 100
 38.00 Pumps B.Conc 100
 40.00 Pumps B.Conc 45
 50.00 Controller Stop

Chromatogram

mV

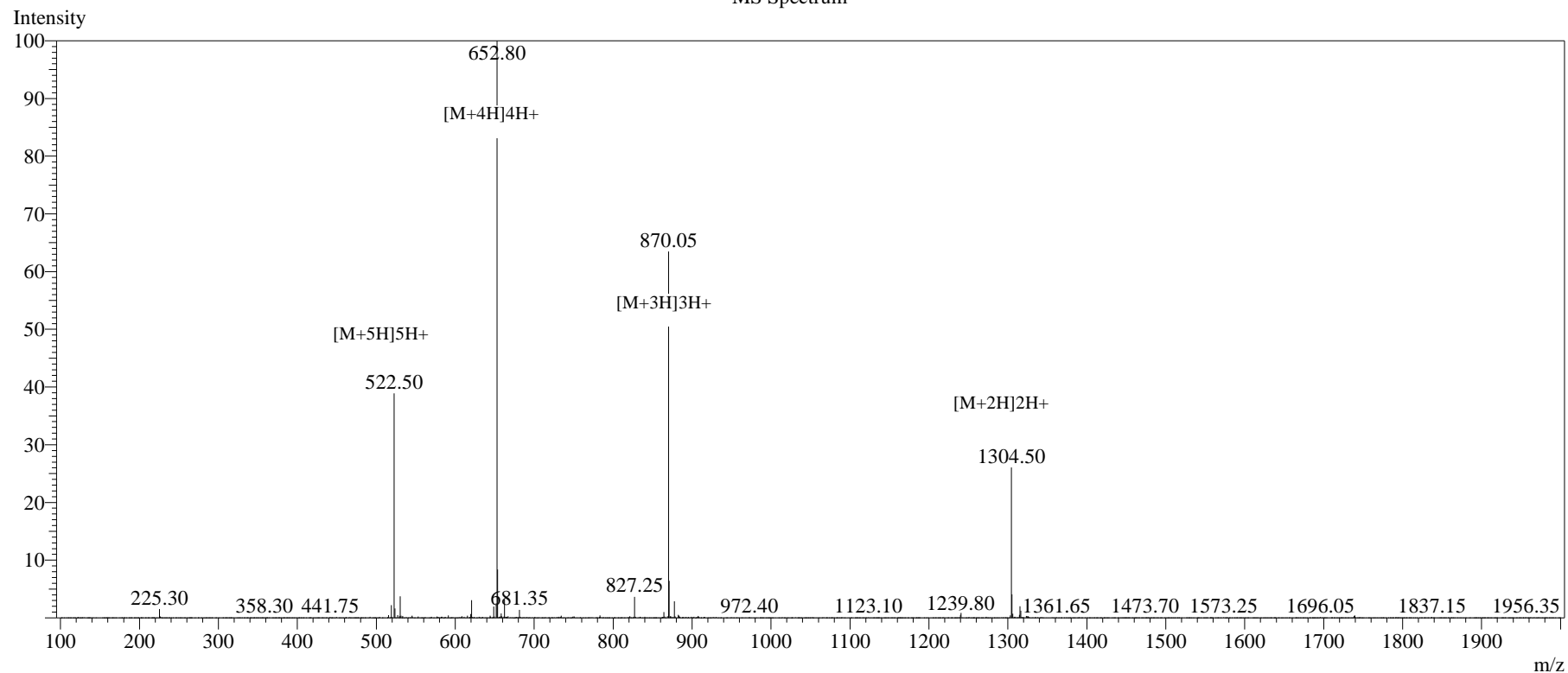


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	4.968	184337	29195	1.168
2	12.340	122905	15838	0.779
3	15.710	92824	9760	0.588
4	16.171	15046382	879233	95.341
5	16.900	47422	4168	0.300
6	20.827	287698	9041	1.823
Total		15781568	947235	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/07/02 11:34:43	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	:MTFA33005-03				
Name	:PSMα3				
Sequence	:MEFVAKLFFKDLLGKFLGNN(Acetate Salt)				
Lot.No	:MTFA33005-03-250701				
Theoretical	:2607.11				
Observed	:2607.20				