
CERTIFICATE OF ANALYSIS

Product Name	Tyr-K-MIF-1 peptide, Cat.# 311811
Lot No.	MTFA30380-2-0816
Sequence	YPKG-NH2
Dissolution condition	100%H2O
Length	4AA
Modification	N/A
Molecular Weight (MW)	462.54
Storage	-20°C

Test Items	Specifications	Results
MW by MS	461.97	Conforms
Purity by HPLC	>95%	99.529%
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	30mg	5.0mg*6

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

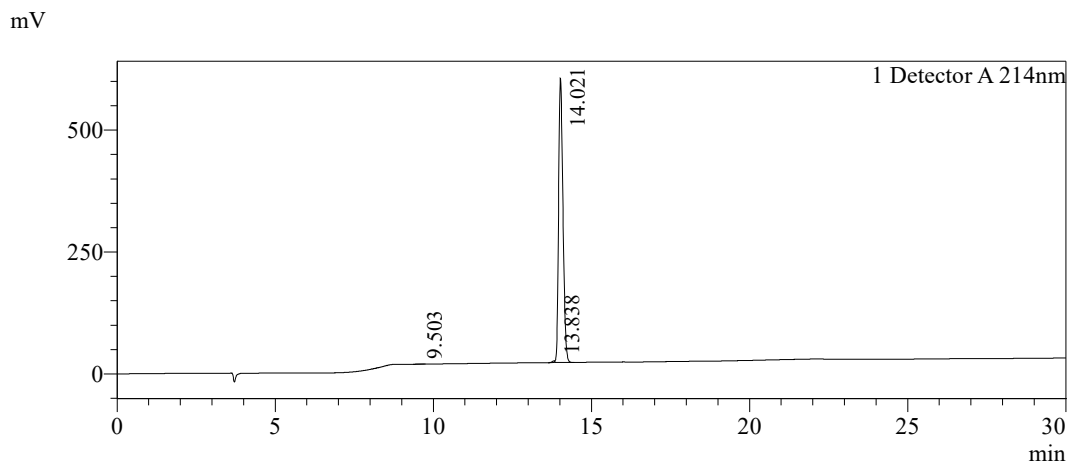
Aug/29/2023



Sample Information

Order ID	:MTFA30380-2		
Name	:Tyr-K-MIF-1 peptide		
Sequence	:YPKG-NH2		
Lot. No	:MTFA30380-2-0816		
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	:Shim-pack GIST C18(4.6*250mm*5um)		
Dissolution method	:100%H2O		
Inj. Volume	: 5ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	0.1
30.00	Pumps	B.Conc	30
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	0.1
50.00	Controller	Stop	

Chromatogram

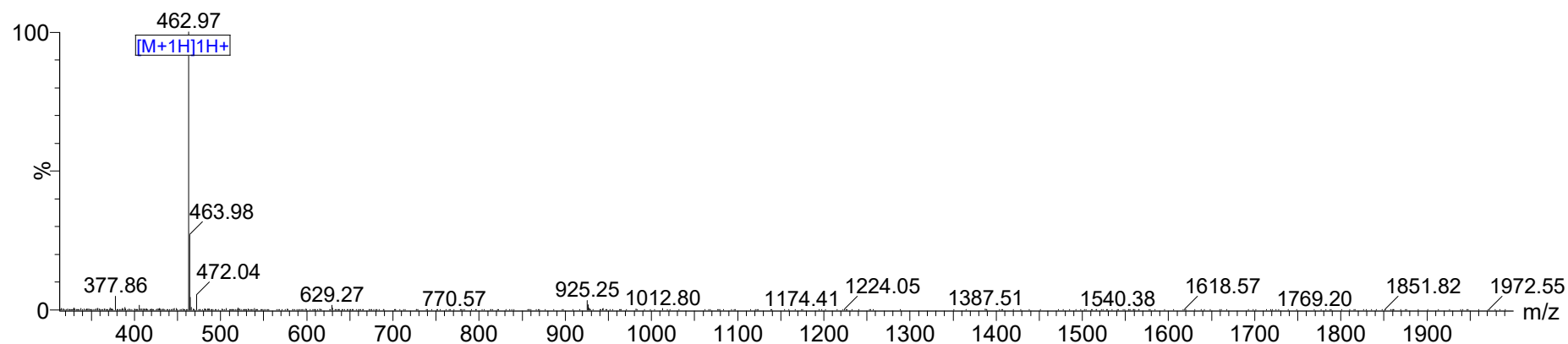


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.503	6278	694	0.112
2	13.838	20192	3651	0.359
3	14.021	5591093	582828	99.529
Total		5617563	587173	100.000

MS Spectrum

 Positive
Intensity


Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:8/26/2023 9:36:50	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50%H2O/50%MEOH
Order ID	: MTFA30380-2				
Name	: Tyr-K-MIF-1 peptide				
Sequence	: YPKG-NH2				
Lot.No	: MTFA30380-2-0816				
Theoretical	: 462.54				
Observed	: 461.97				