

CERTIFICATE OF ANALYSIS

Product Name	IRBP (651-670) peptide, Cat.#: 318944, TFA removed
Lot No.	MTFA30531-0925
Sequence	LAQGAYRTAVDLESLASQLT (Acetate Salt)
Dissolution condition	100%H ₂ O
Length	20AA
Modification	Acetate salts
Molecular Weight (MW)	2107.30
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2106.80	Conforms
Purity by HPLC	>95%	95.821%
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	200mg	5.0mg*40

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:



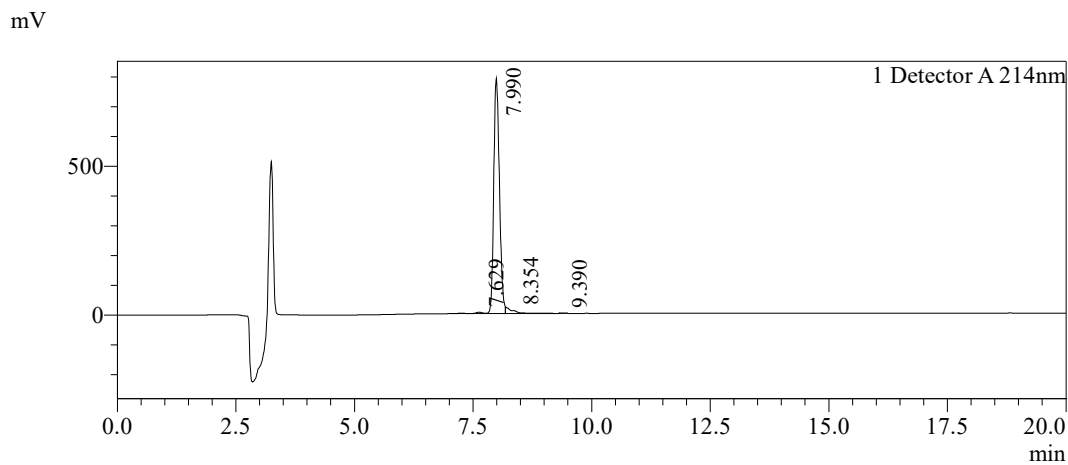
Oct/23/2023

Sample Information

Order ID :MTFA30531
 Name :IRBP (651-670) peptide, Cat.#: 318944
 Sequence :LAQGAYRTAVDLESLASQLT (Acetate Salt)
 Lot. No :MTFA30531-0925
 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 :Phenomenex Luna® 5 µm C18(2) (4.6*250mm*5 µm)
 Dissolution method :2%NH3.H2O+18%ACN+80%H2O
 Inj. Volume : 25ul

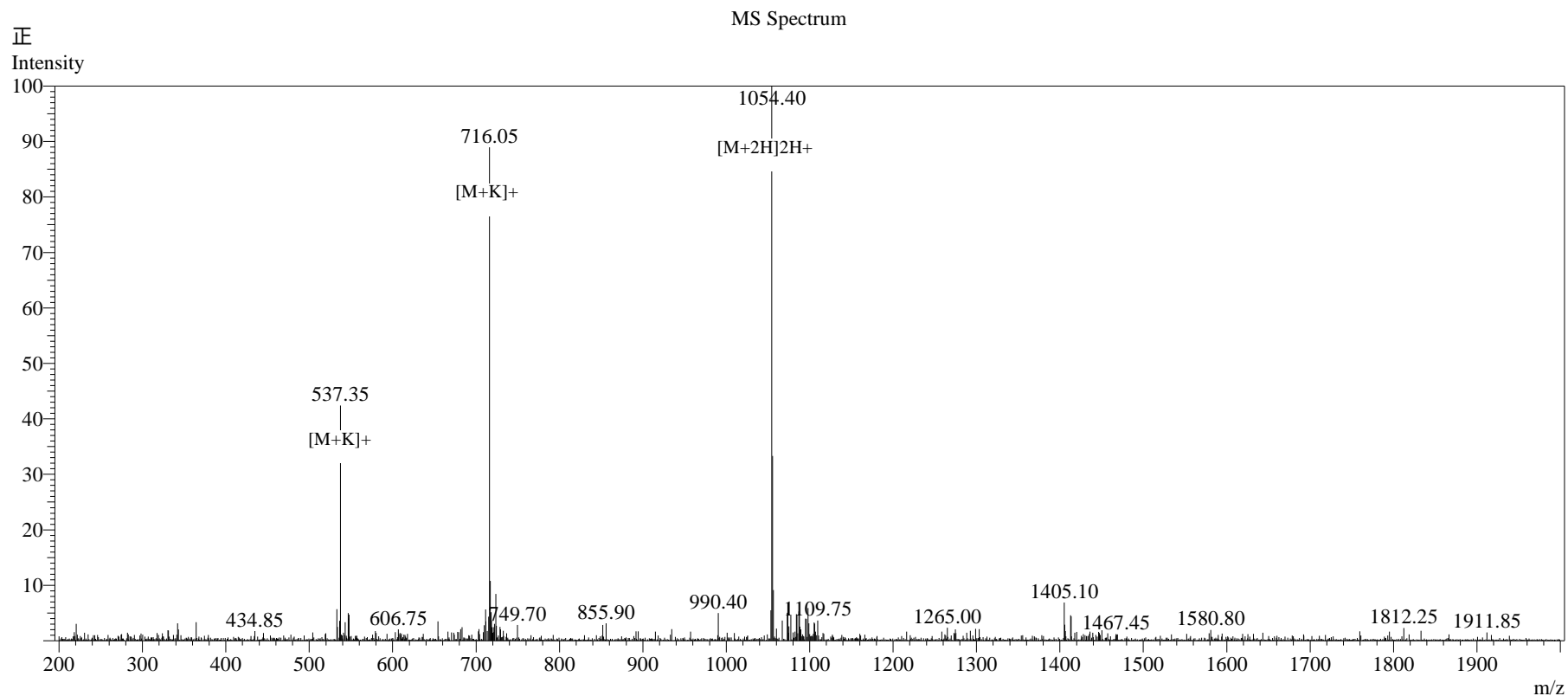
Time	Module	Action	Value
0.01	Pumps	B.Conc	30
20.00	Pumps	B.Conc	50
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	30
50.00	Controller	Stop	

Chromatogram



Peak Table

Detector A 214nm				
Peak#	Ret. Time	Area	Height	Area%
1	7.629	60120	4585	0.875
2	7.990	6585076	790757	95.821
3	8.354	224897	9304	3.273
4	9.390	2177	381	0.032
Total		6872270	805027	100.000



Sample Information

Dissolution method	:2%NH ₃ .H ₂ O+18%ACN+80%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/10/12 13:31:16	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

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Lot.No	:MTFA30531-0925
Theoretical	:2107.30
Observed	:2106.80