

CERTIFICATE OF ANALYSIS

Product Name	IRBP (651-670) (human) peptide, Cat.#: 318944 (TFA Removed)
Lot No.	MTFB20338-251204
Sequence	LAQGAYRTAVDLESLASQLT (Acetate Salt)
Dissolution condition	100%H2O
Modification	Acetate salt
Molecular Weight (MW)	2107.30
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2107.30	Conforms
Purity by HPLC	>95%	95.331%
Endotoxin Content	N/A	N/A
TFA solubility	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:



Quality Assurance Department

Jan/21/2026

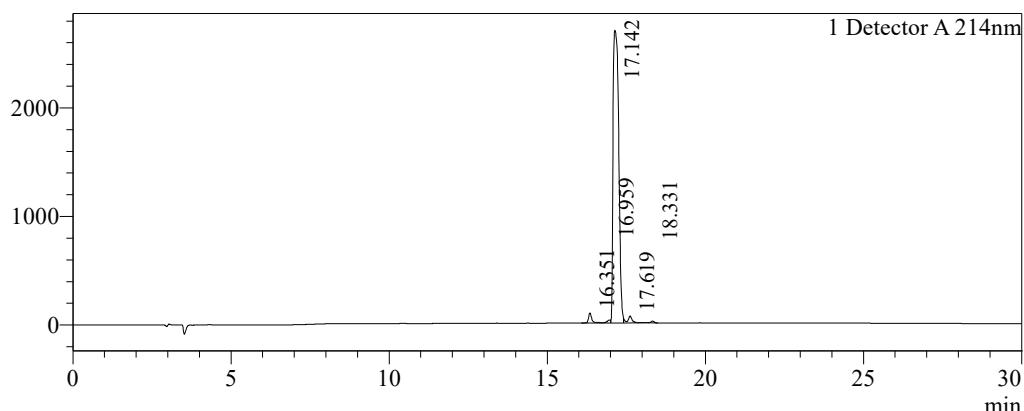


Sample Information

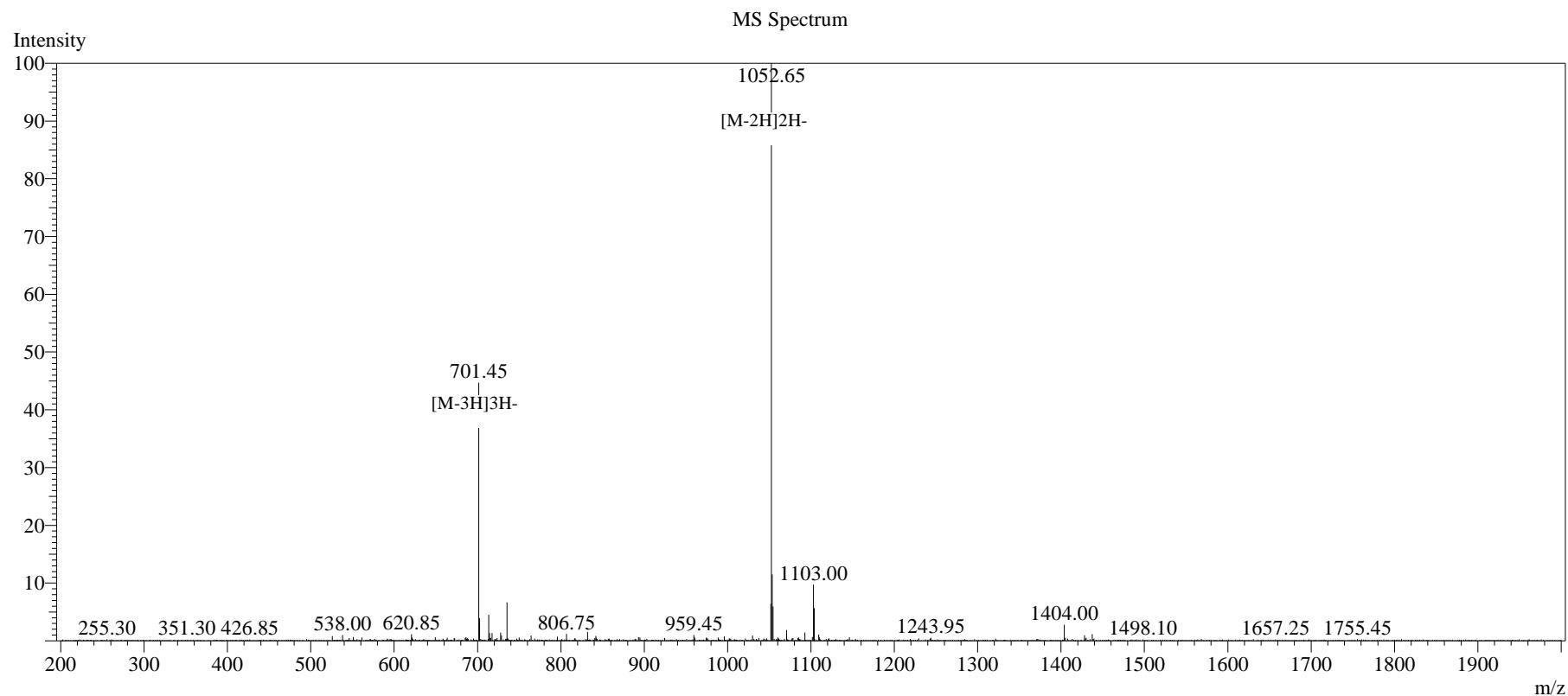
Order ID	:MTFB20338		
Name	:IRBP (651-670) (human) peptide		
Sequence	:LAQGAYRTAVDLESLASQLT (Acetate Salt)		
Lot. No	:MTFB20338-251204		
Pump A	:0.1%Trifluoroacetic in 100% water		
Pump B	:0.1%Trifluoroacetic in 100% acetonitrile		
Total Flow	:1ml/min		
Wavelength	:214nm		
Analytical column type	:Kromasil 100-5-C18 (4.6*250mm*5 μm)		
Dissolution method	:100%H2O		
Inj. Volume	: 20ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	25
30.00	Pumps	B.Conc	55
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	25
50.00	Controller	Stop	

Chromatogram

mV


Peak Table
Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	16.351	657731	92173	1.866
2	16.959	249284	26981	0.707
3	17.142	33607300	2693219	95.331
4	17.619	626753	63019	1.778
5	18.331	112186	16677	0.318
Total		35253255	2892070	100.000



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/01/19 10:21:14	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%H2O/50%MEOH

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Theoretical	:2107.30
Observed	:2107.30