

CERTIFICATE OF ANALYSIS

Product Name	mouse gp100 (25-33), Cat.#: 319139
Lot No.	MTFA31445-2-0606
Sequence	EGSRNQDWL
Dissolution condition	100%H2O
Length	9AA
Modification	N/A
Molecular Weight (MW)	1104.13
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1104.20	Conforms
Purity by HPLC	>95%	97.824%
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:



Quality Assurance Department

Jun/12/2024

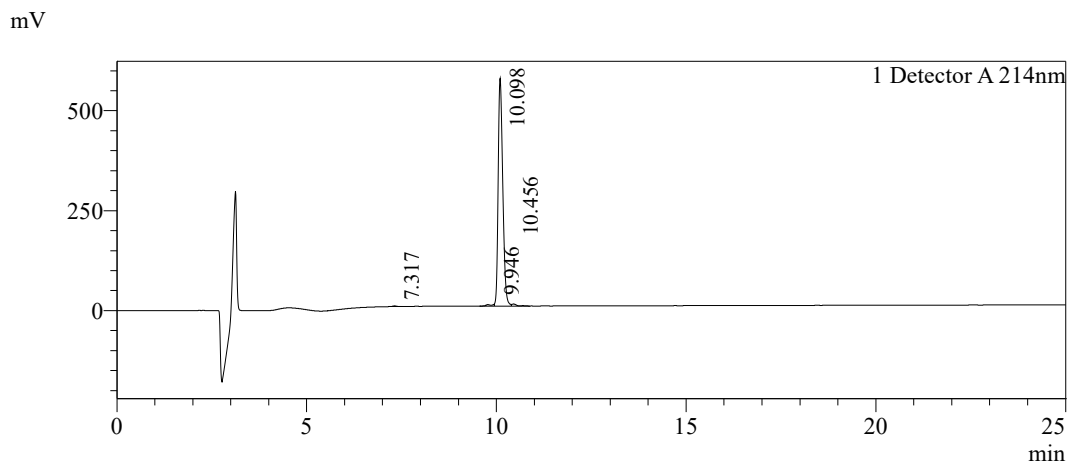


Sample Information

Order ID	:MTFA31445-2
Name	:mouse gp100 (25-33)
Sequence	:EGSRNQDWL
Lot. No	:MTFA31445-2-0606
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	: 10ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	20
25.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

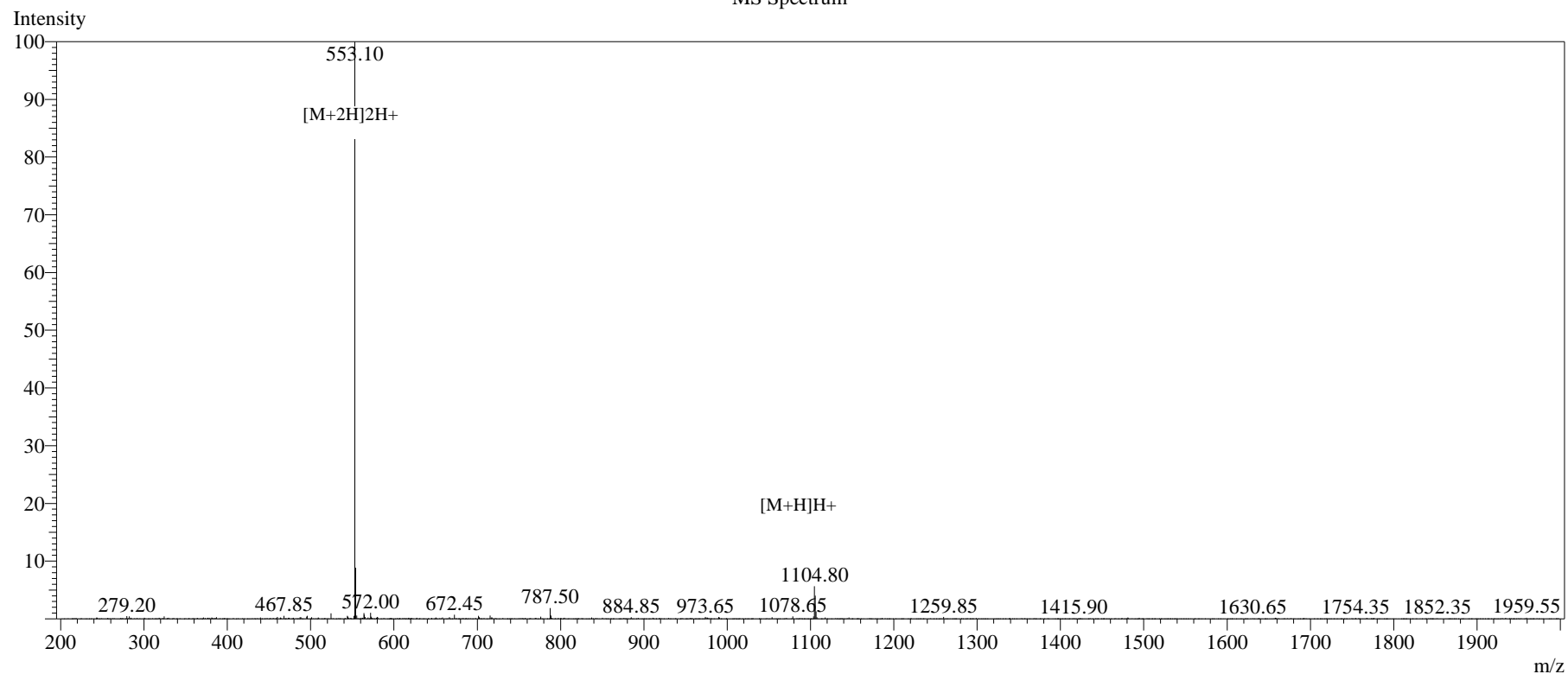
Chromatogram



Peak Table

Detector A 214nm				
Peak#	Ret. Time	Area	Height	Area%
1	7.317	11957	1594	0.246
2	9.946	46928	4614	0.966
3	10.098	4754252	569735	97.824
4	10.456	46856	4979	0.964
Total		4859993	580921	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/06/11 10:39:14	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% H ₂ O/50% MEOH

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Lot.No	:MTFA31445-2-0606
Theoretical	:1104.13
Observed	:1104.20