

CERTIFICATE OF ANALYSIS

Product Name	Glicentin (By similarity) peptide, Cat.#: 316876
Lot No.	MTFA30072-0404
Sequence	RSLQDTEEKSRFSASQADPLSDPDQMNE DKRHSQGTFTSDYS KYLDSRRAQDFVQWLMNTRNRNIA
Dissolution condition	100%H ₂ O
Length	69AA
Modification	N/A
Molecular Weight (MW)	8100.60
Storage	-20°C

Test Items	Specifications	Results
MW by MS	8100.45	Conforms
Purity by HPLC	>90%	91.202%
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

May/12/2023



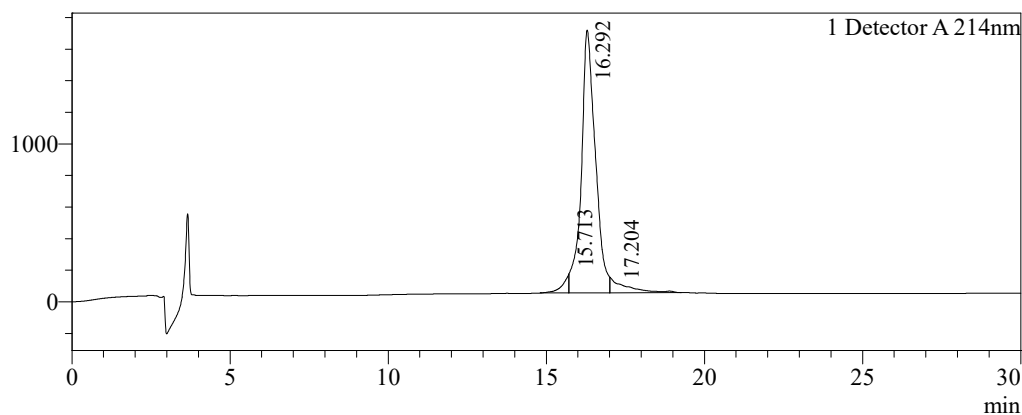
Sample Information

Order ID :MTFA30072
Name :Glicentin (By similarity) peptide
Sequence :RSLQDTEEKSRFSASQADPLSDPDQMNE DKRHSQGTFTSDYSKYLD SRRAQDFVQWLMNTKRNRNNIA
Lot. No :MTFA30072-0404
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 : 50ul

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

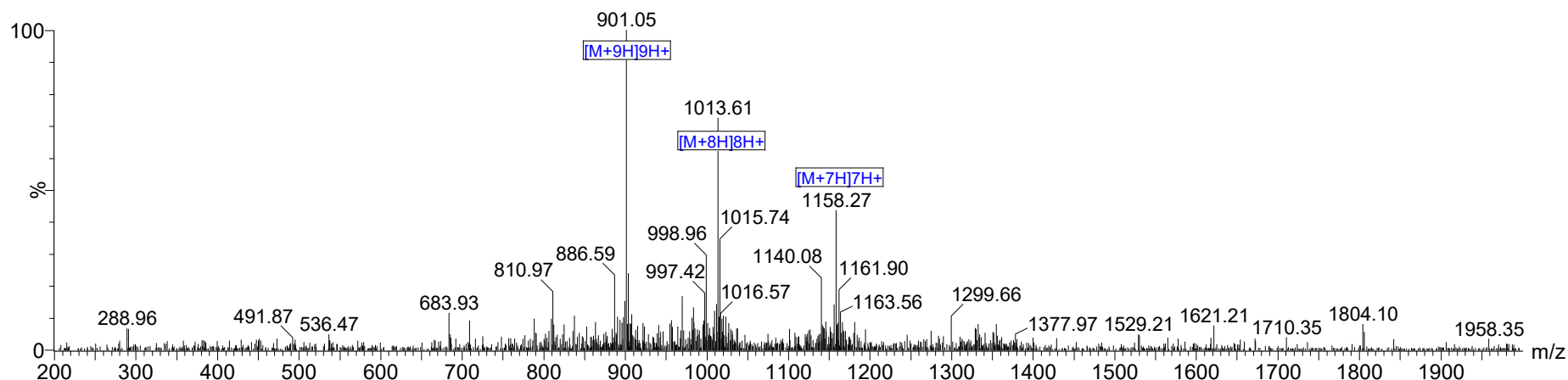


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	15.713	1617164	116673	2.883
2	16.292	51164371	1663965	91.202
3	17.204	3318618	60250	5.916
Total		56100153	1840888	100.000

MS Spectrum

Positive
Intensity


Dissolution method	:15%ACN+85%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:5/10/2023 2:46:16	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%H ₂ O/50%MEOH

Order ID	: MTFA30072
Name	: Glicentin (By similarity) peptide
Sequence	: RSLQDTEEKSRFSASQADPLSDPDQMNEDEKSRHSQGTFTSDYSKYLDSSRAQDFVQWLMNTRNRNIA
Lot.No	: MTFA30072-0404
Theoretical	: 8100.60
Observed	: 8100.45