

CERTIFICATE OF ANALYSIS

Product Name	Pigment-dispersing hormone Pej-PDH-I peptide, Cat.#: 308356
Lot No.	GTA34808-2-1209
Sequence	NSELINSLLGIPKVMTDA-NH2
Dissolution condition	100%H2O
Length	18AA
Modification	N/A
Molecular Weight (MW)	1914.21
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1914.30	Conforms
Purity by HPLC	>95%	95.513%
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	40mg	5.0mg*8

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

Dec/30/2022



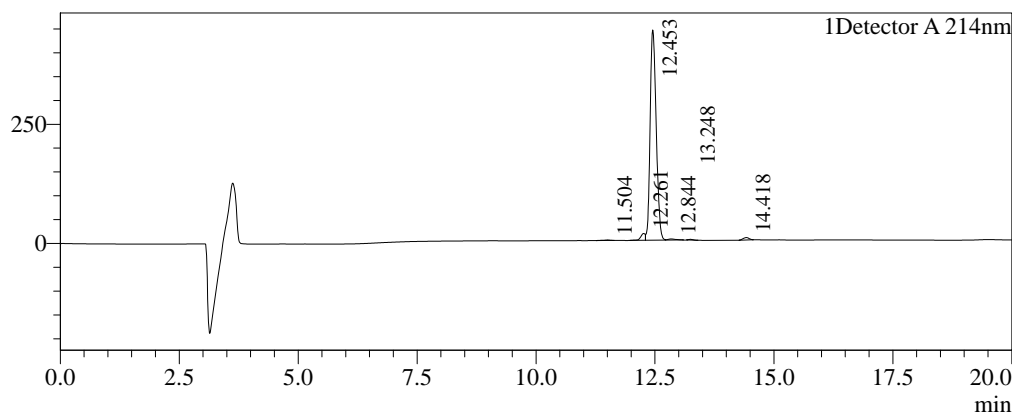
Sample Information

Order ID :GTA34808-2
 Name :Pej-PDH-I
 Sequence :NSELINSLLGIPKVM TDA-NH2
 Lot. No :GTA34808-2-1209
 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 :YMC-Triart C18(4.6*250mm*5um)
 Dissolution method :100% 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

mV

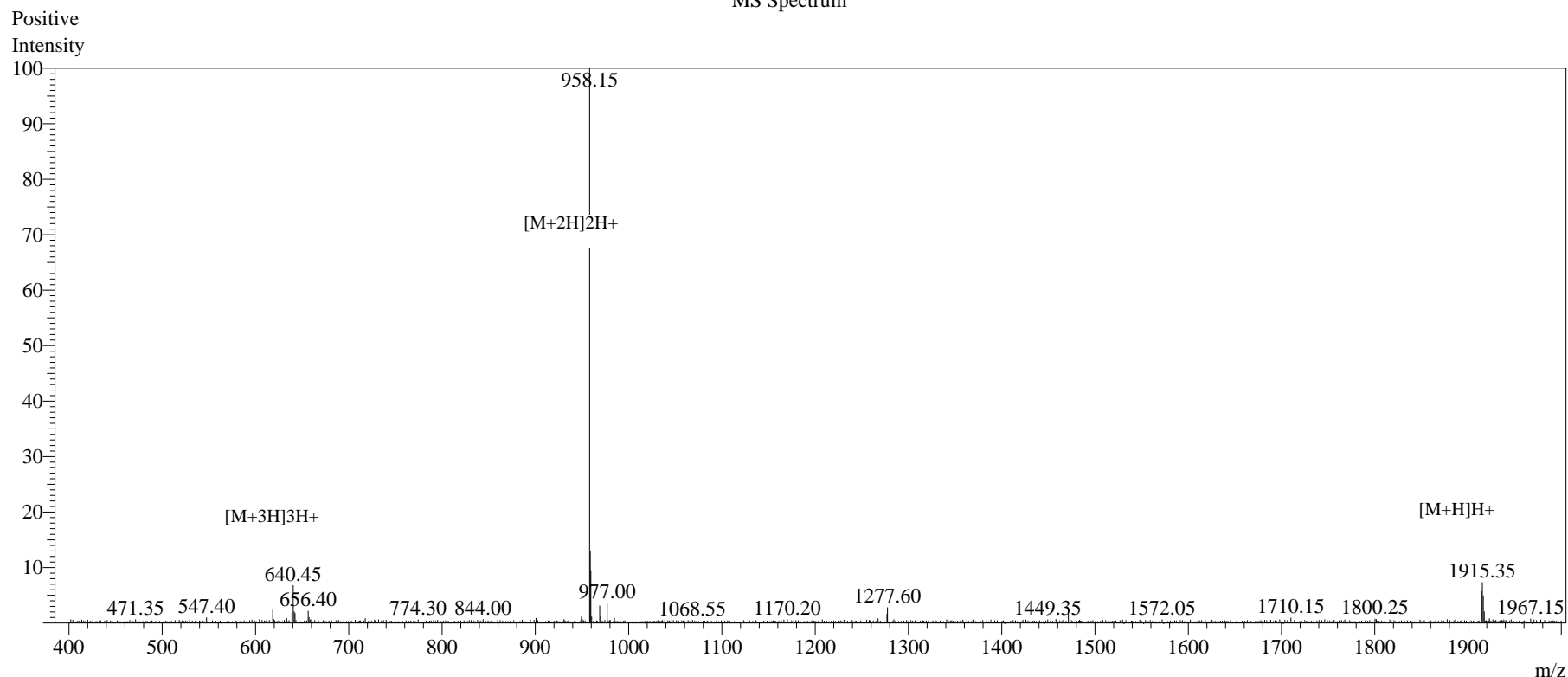


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	11.504	8635	909	0.211
2	12.261	95190	14242	2.331
3	12.453	3900836	441255	95.513
4	12.844	27358	2340	0.670
5	13.248	9346	1493	0.229
6	14.418	42728	4958	1.046
Total		4084094	465197	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2022/12/30 13:34:40	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	:GTA34808-2
Name	:Pej-PDH-I
Sequence	:NSELINSLGIPKVM TDA-NH ₂
Lot.No	:GTA34808-2-1209
Theoretical	:1914.21
Observed	:1914.30