


## CERTIFICATE OF ANALYSIS

Product Name	Aurein 1.2 (Cat.#: 305066)
Lot No.	MTFA30902-0111
Sequence	GLFDIIKKIAESF-NH2
Dissolution condition	15%ACN+85%H2O
Length	13AA
Modification	N/A
Molecular Weight (MW)	1479.77
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1479.60	Conforms
Purity by HPLC	>95%	98.379%
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	30mg	5.0mg*6

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/15/2024



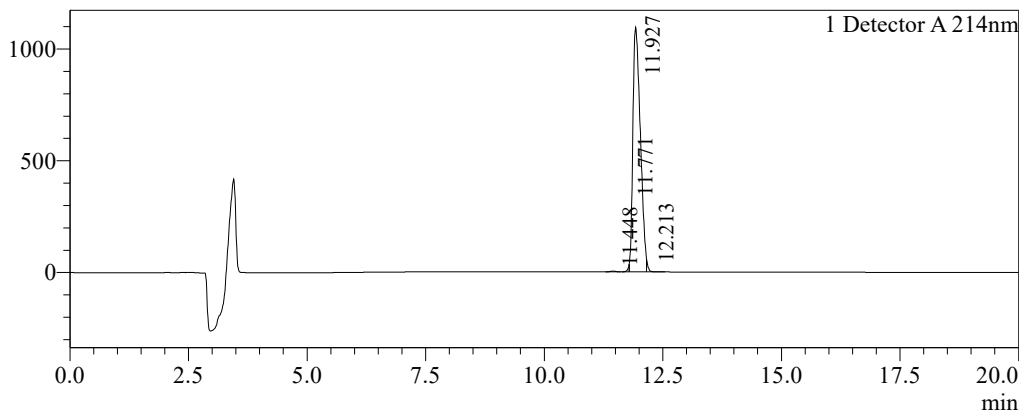
### Sample Information

Order ID :MTFA30902  
 Name :Aurein 1.2  
 Sequence :GLFDIIKKIAESF-NH2  
 Lot. No :MTFA30902-0111  
 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 :15%ACN+85%H2O  
 Inj. Volume : 50ul  

Time	Module	Action	Value
0.01	Pumps	B.Conc	45
20.00	Pumps	B.Conc	65
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	45
50.00	Controller	Stop	

### Chromatogram

mV

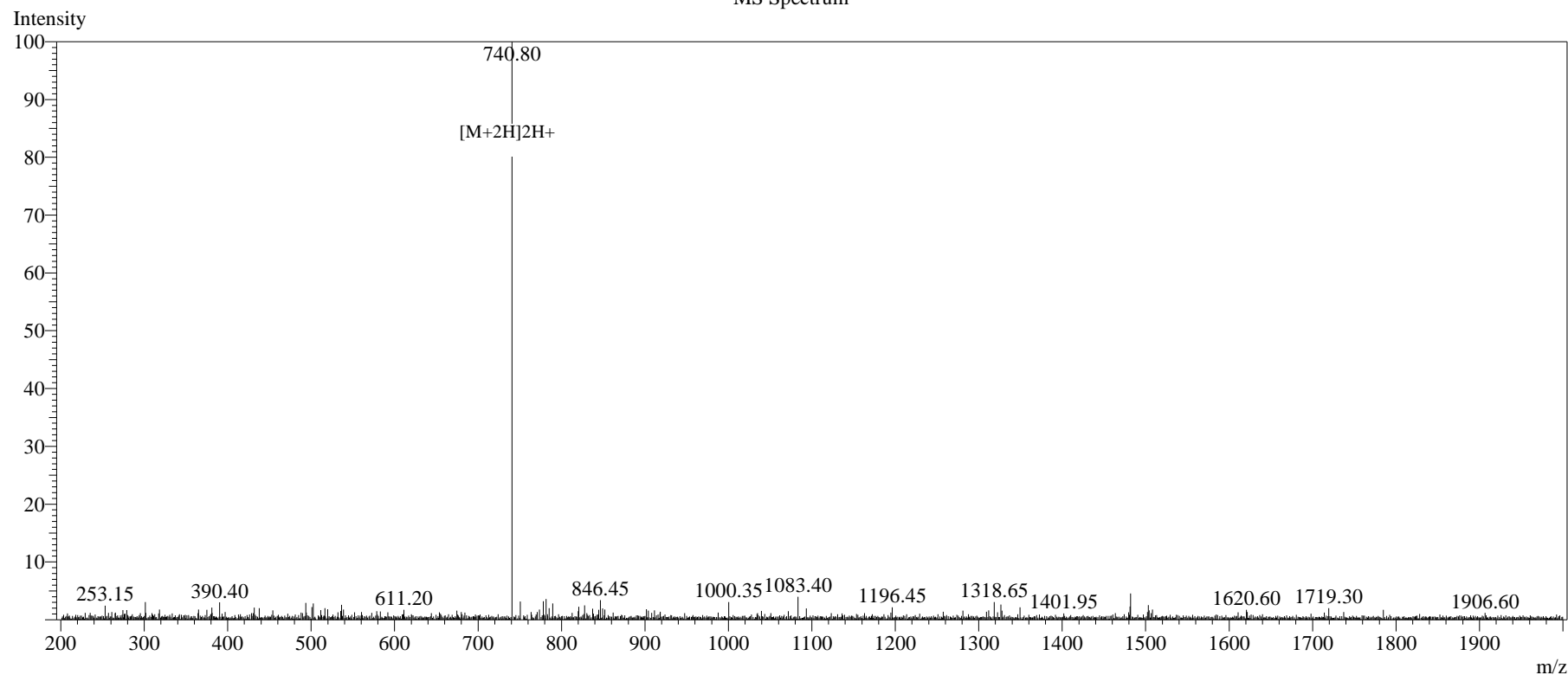


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	11.448	28198	3682	0.231
2	11.771	69612	15105	0.570
3	11.927	12012796	1094098	98.379
4	12.213	100143	11725	0.820
Total		12210749	1124610	100.000

# MS Spectrum



## Sample Information

Dissolution method	:15% ACN+85% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/01/12 14:40:51	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 <sub>2</sub> O/50% ME OH
Order ID	:MTFA30902				
Name	:Aurein 1.2				
Sequence	:GLFDIHKKIAESF-NH <sub>2</sub>				
Lot.No	:MTFA30902-0111				
Theoretical	:1479.77				
Observed	:1479.60				