

CERTIFICATE OF ANALYSIS

Product Name	Pelteobagrin peptide, Cat.#: 314784
Lot No.	MTFA33440-251013
Sequence	GKLNLFSLRLEILKLFVGAL
Dissolution condition	15%ACN+85%H2O
Modification	N/A
Molecular Weight (MW)	2244.75
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2245.05	Conforms
Purity by HPLC	>95%	97.391%
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	10 mg	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:



Nov/04/2025

Quality Assurance Department

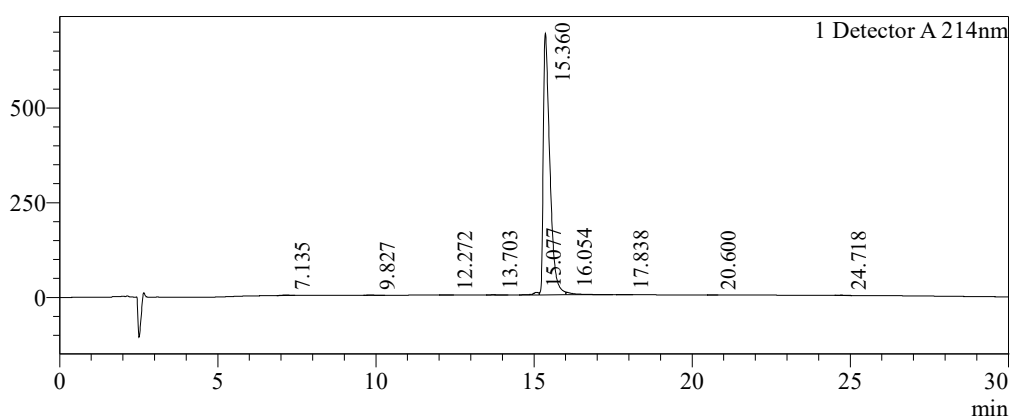


Sample Information

Order ID	:MTFA33440		
Name	:Pelteobagrin peptide		
Sequence	:GKLNLFSLRLEILKLFVGAL		
Lot. No	:MTFA33440-251013		
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	:15%ACN+85%H2O		
Inj. Volume	: 25ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	35
30.00	Pumps	B.Conc	65
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	35
50.00	Controller	Stop	

Chromatogram

mV

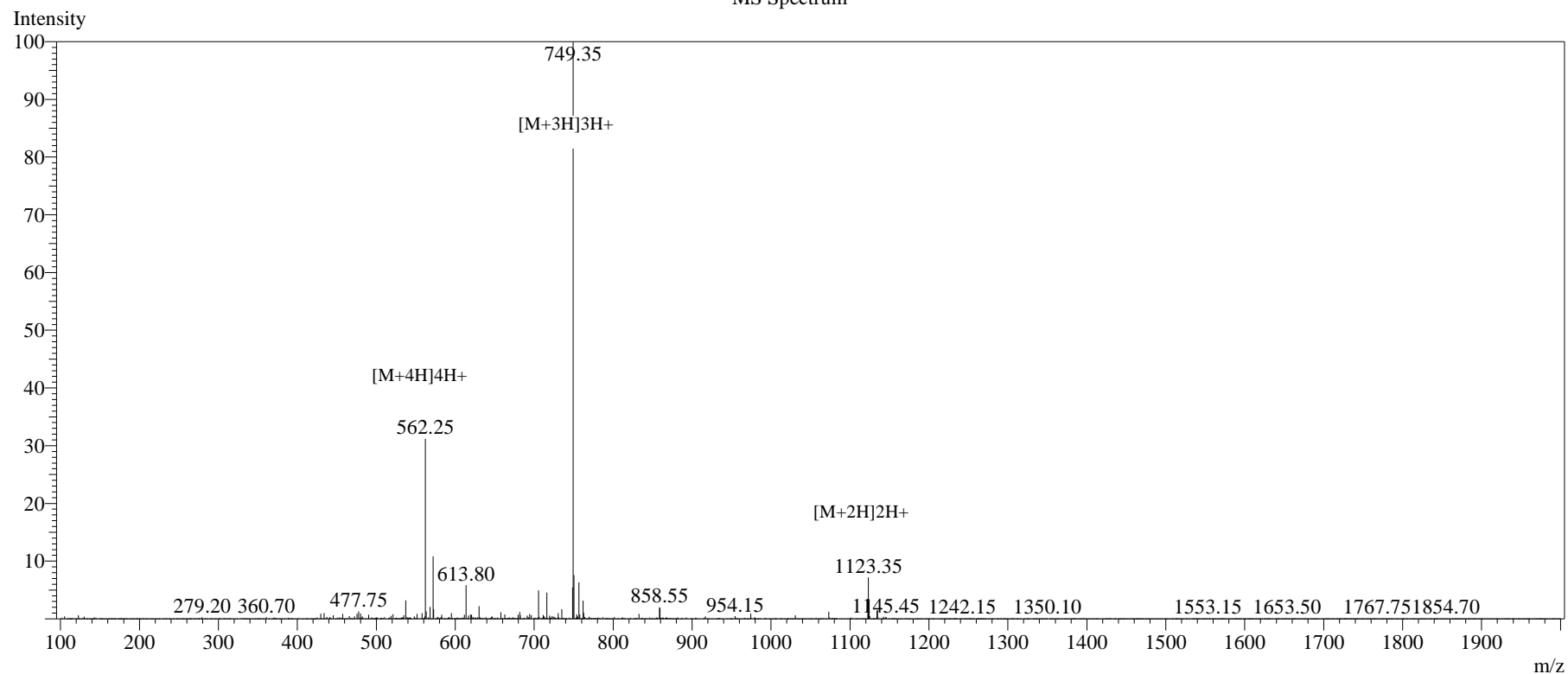


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	7.135	17483	961	0.172
2	9.827	9397	802	0.092
3	12.272	2939	276	0.029
4	13.703	6508	551	0.064
5	15.077	83776	6650	0.822
6	15.360	9921737	689613	97.391
7	16.054	130668	6457	1.283
8	17.838	3891	323	0.038
9	20.600	1785	175	0.018
10	24.718	9298	788	0.091
Total		10187483	706596	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/11/03 11:06:19	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% ME OH
Order ID	:MTFA33440				
Name	:Pelteobagrin peptide				
Sequence	:GKLNLFSLRLEILKLFVGAL				
Lot.No	:MTFA33440-251013				
Theoretical	:2244.75				
Observed	:2245.05				