

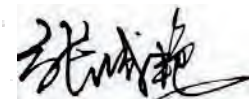
CERTIFICATE OF ANALYSIS

Product Name	Halictine 2 (Cat.#:308033)
Lot No.	MTFA30608-7-1019
Sequence	GKWMSLLKHILK-NH2
Dissolution condition	100%H2O
Length	12AA
Modification	N/A
Molecular Weight (MW)	1452.85
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1453.20	Conforms
Purity by HPLC	>95%	98.574%
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	20mg	5.0mg*4

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

Nov/09/2023

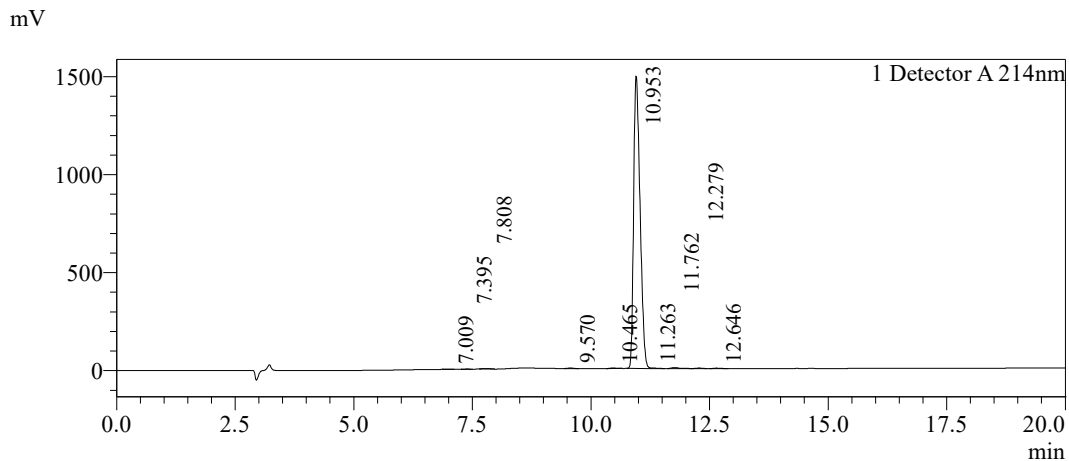


Sample Information

Order ID :MTFA30608-7
 Name :Halictine 2
 Sequence :GKWMSLLKHILK-NH2
 Lot. No :MTFA30608-7-1019
 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 :100%H2O
 Inj. Volume : 3ul

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

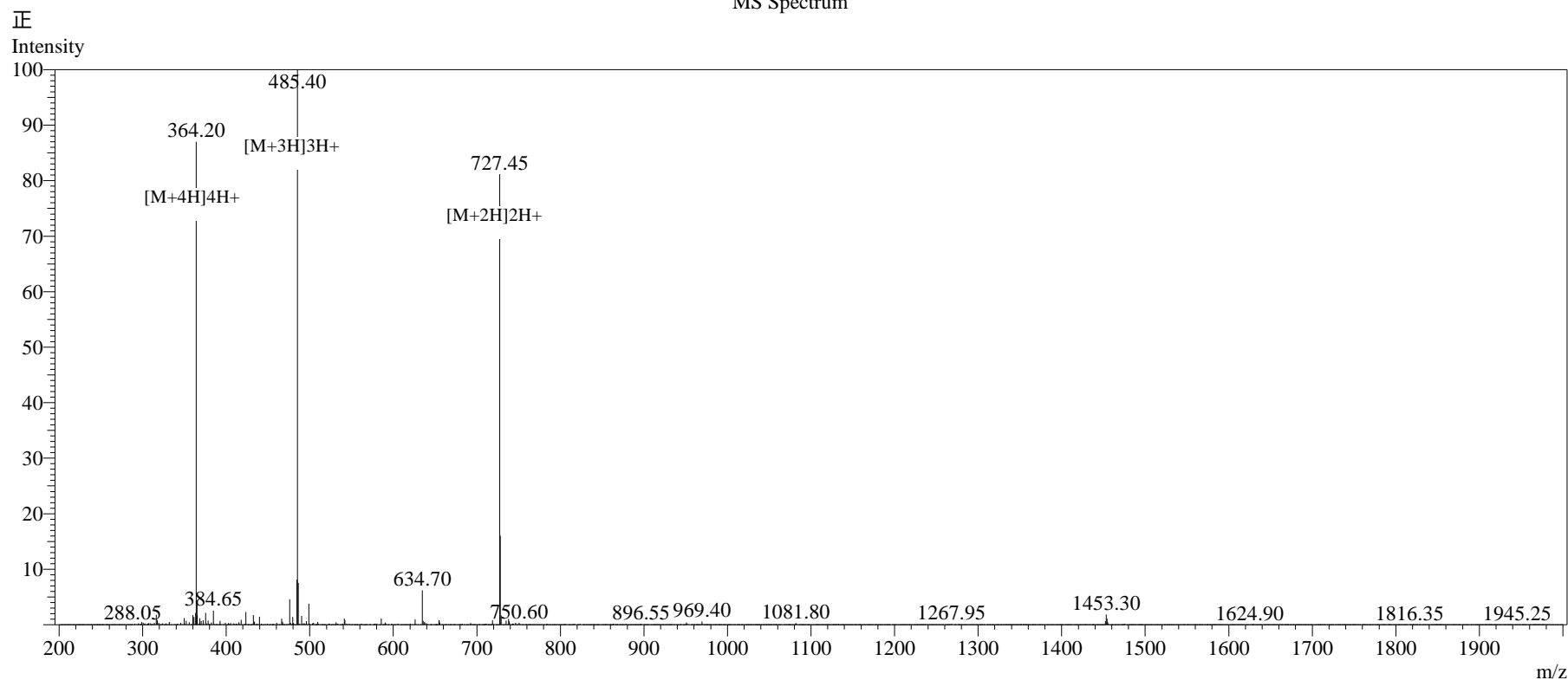


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	7.009	5058	618	0.035
2	7.395	4689	670	0.033
3	7.808	26338	2340	0.185
4	9.570	19046	2718	0.133
5	10.465	22082	2722	0.155
6	10.953	14071468	1490236	98.574
7	11.263	25314	2844	0.177
8	11.762	57543	5157	0.403
9	12.279	21710	2415	0.152
10	12.646	21720	2284	0.152
Total		14274967	1512003	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/10/25 13:19:09	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

Order ID	:MTFA30608-7
Name	:Halictine 2
Sequence	:GKWMSLLKHILK-NH ₂
Lot.No	:MTFA30608-7-1019
Theoretical	:1452.85
Observed	:1453.20