

CERTIFICATE OF ANALYSIS

Product Name	eCATH-1 peptide, Cat.#: 311727
Lot No.	MTFB21160-260915
Sequence	KRFGRLAKSFLMRILLPRRKILLAS
Dissolution condition	100%H ₂ O
Modification	N/A
Molecular Weight (MW)	3140.90
Storage	-20°C

Test Items	Specifications	Results
MW by MS	3141.80	Conforms
Purity by HPLC	>95%	95.016%
Peptide content	N/A	N/A
N content	N/A	N/A
TFA content	N/A	N/A
Endotoxin content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	10.0mg	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:



Sep/17/2026

Quality Assurance Department

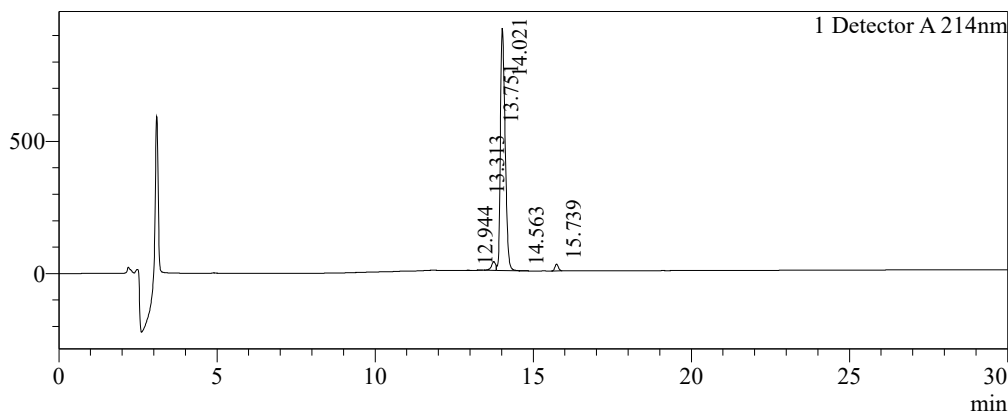


Sample Information

Order ID	:MTFB21160		
Name	:eCATH-1		
Sequence	:KRFGRLAKSFLMRMILLPRRKILLAS		
Lot. No	:MTFB21160-260915		
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	:100%H2O		
Inj. Volume	: 30ul		
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

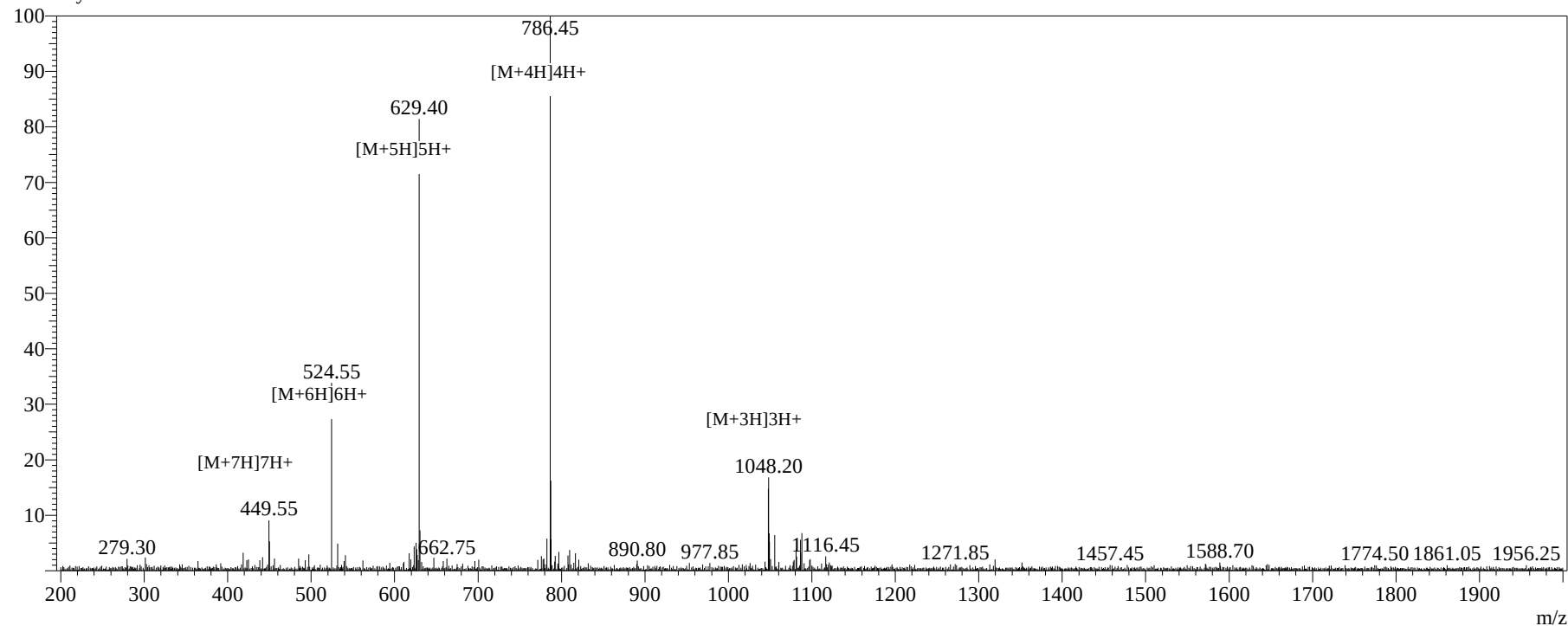
Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	12.944	1982	349	0.020
2	13.313	3672	619	0.037
3	13.751	305049	33071	3.033
4	14.021	9555185	914752	95.016
5	14.563	5401	399	0.054
6	15.739	185116	24899	1.841
Total		10056405	974089	100.000

MS Spectrum

正

Intensity



Sample Information

Dissolution method	:15%ACN+85%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/09/16 13:57:04	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

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Theoretical	:3140.90
Observed	:3141.80