
CERTIFICATE OF ANALYSIS

Product Name	HYD1 peptide, Cat.#: 319391(TFA removed)
Lot No.	MTFB20610-260309
Sequence	kikmviswkG-NH2 (Acetate Salt)
Dissolution condition	100%H2O
Modification	acetate salt
Molecular Weight (MW)	1188.54
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1188.60	Conforms
Purity by HPLC	>95%	97.218%
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: 
Quality Assurance Department

Mar/11/2026

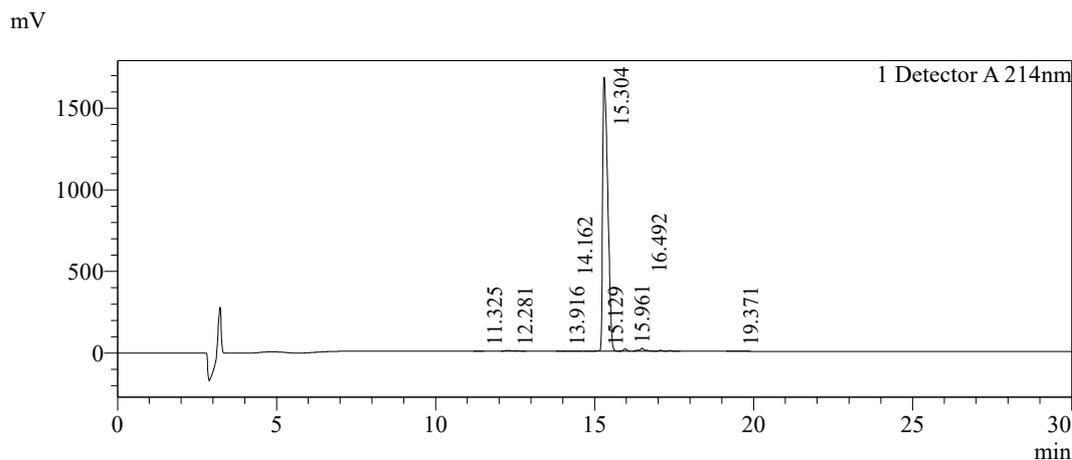


Sample Information

Order ID :MTFB20610
 Name :HYD1 peptide
 Sequence :kikmviswkG-NH2 (Acetate Salt)
 Lot. No :MTFB20610-260309
 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 : 10ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	15
30.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

Chromatogram

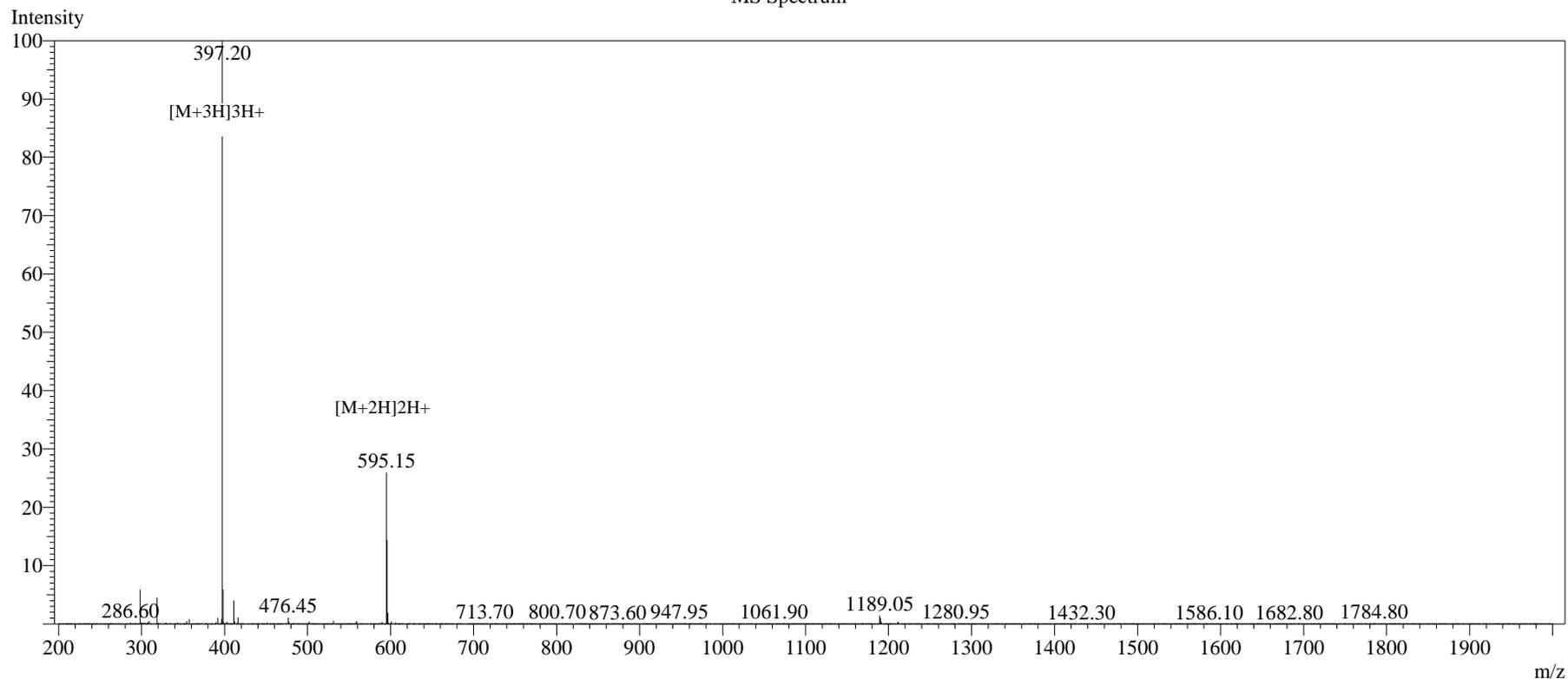


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	11.325	3308	476	0.017
2	12.281	72215	4155	0.372
3	13.916	1909	364	0.010
4	14.162	14707	1037	0.076
5	15.129	18326	2051	0.094
6	15.304	18855571	1676078	97.218
7	15.961	103012	13844	0.531
8	16.492	300374	18062	1.549
9	19.371	25676	1359	0.132
Total		19395098	1717425	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/03/10 14:10:10	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	:MTFB20610
Name	:HYD1 peptide
Sequence	:kikmviswkG-NH ₂ (Acetate Salt)
Lot.No	:MTFB20610-260309
Theoretical	:1188.54
Observed	:1188.60