

CERTIFICATE OF ANALYSIS

Product Name	AE37 hybrid peptide, Cat.#: 319886 (TFA removed)
Lot No.	MTFB20970-03-260630
Sequence	Ac-LRMKGVGSPYVSRLLGICL-NH2 (Acetate Salt)
Dissolution condition	100%H2O
Modification	Acetate Salt
Molecular Weight (MW)	2103.59
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2103.60	Conforms
Purity by HPLC	>95%	96.738%
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	200.0mg	10.0mg*20

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: 

Aug/04/2026

Quality Assurance Department



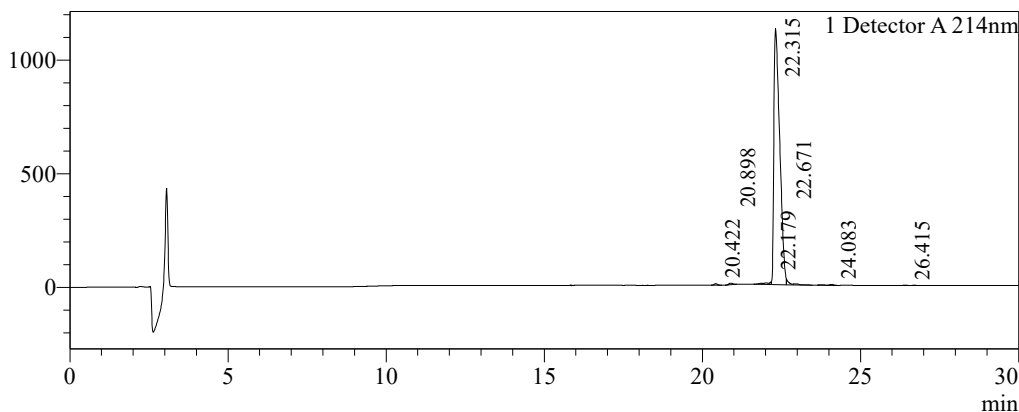
Sample Information

Order ID :MTFB20970-03
 Name :AE37 hybrid peptide, Cat.#: 319886 (TFA removed)
 Sequence :Ac-LRMKGVGSPYVSRLLGICL-NH2 (Acetate Salt)
 Lot. No :MTFB20970-03-260630
 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 : 20ul

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

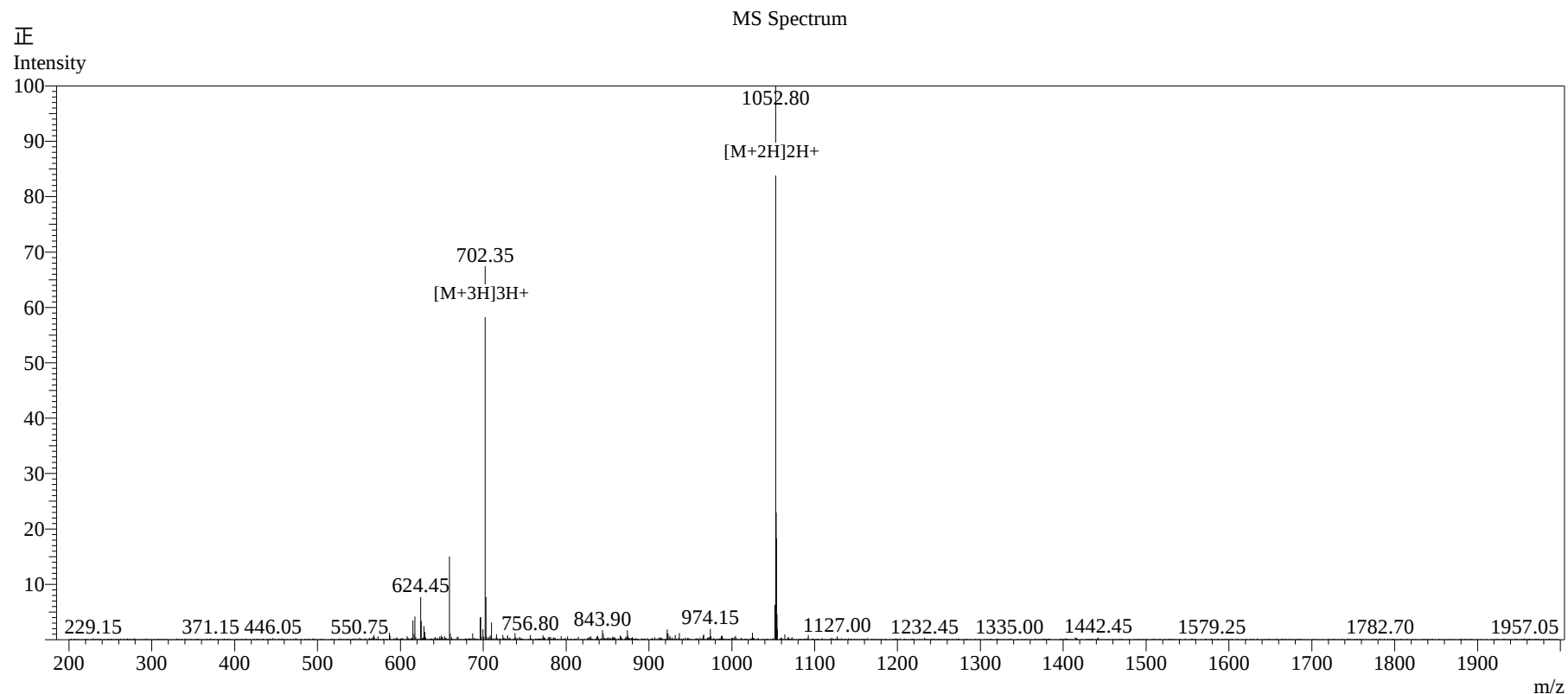
mV



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	20.422	48211	6616	0.322
2	20.898	60288	7014	0.403
3	22.179	146086	10723	0.976
4	22.315	14479374	1126061	96.738
5	22.671	165962	22772	1.109
6	24.083	46288	3915	0.309
7	26.415	21399	1442	0.143
Total		14967607	1178541	100.000



Sample Information

Dissolution method	:15%ACN+85%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/07/31 16:04:09	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

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Sequence	:Ac-LRMKGVGSPYVSRLLGICL-NH ₂ (Acetate Salt)
Lot.No	:MTFB20970-03-260630
Theoretical	:2103.59
Observed	:2103.60