

CERTIFICATE OF ANALYSIS

Product Name	IKVAV peptide, Cat.#: 319187 (TFA removed)
Lot No.	MTFA33464-251015
Sequence	IKVAV (Acetate Salt)
Dissolution condition	100%H ₂ O
Modification	acetate salt
Molecular Weight (MW)	528.70
Storage	-20°C

Test Items	Specifications	Results
MW by MS	528.40	Conforms
Purity by HPLC	>95%	97.099%
Peptide 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	20mg	5.0mg*10

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:



Oct/20/2025

Quality Assurance Department



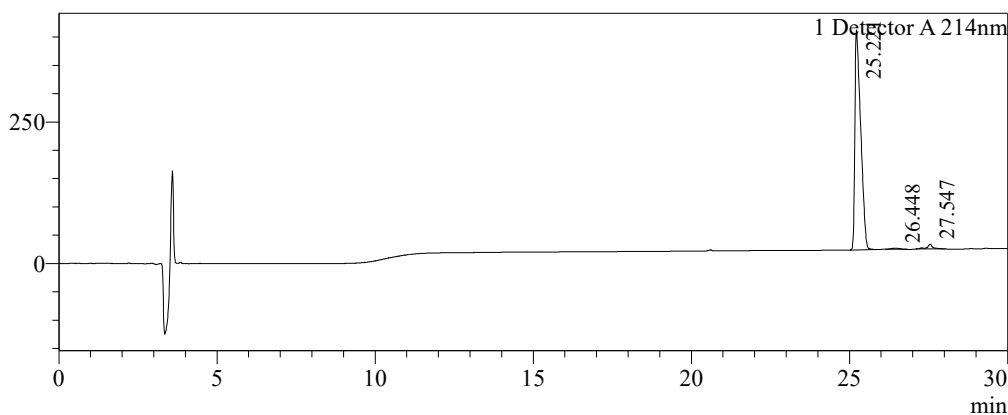
Sample Information

Order ID	:MTFA33464
Name	:IKVAV peptide
Sequence	:IKVAV (Acetate Salt)
Lot. No	:MTFA33464-251015
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%H ₂ O
Inj. Volume	: 15ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	5
30.00	Pumps	B.Conc	35
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	5
50.00	Controller	Stop	

Chromatogram

mV

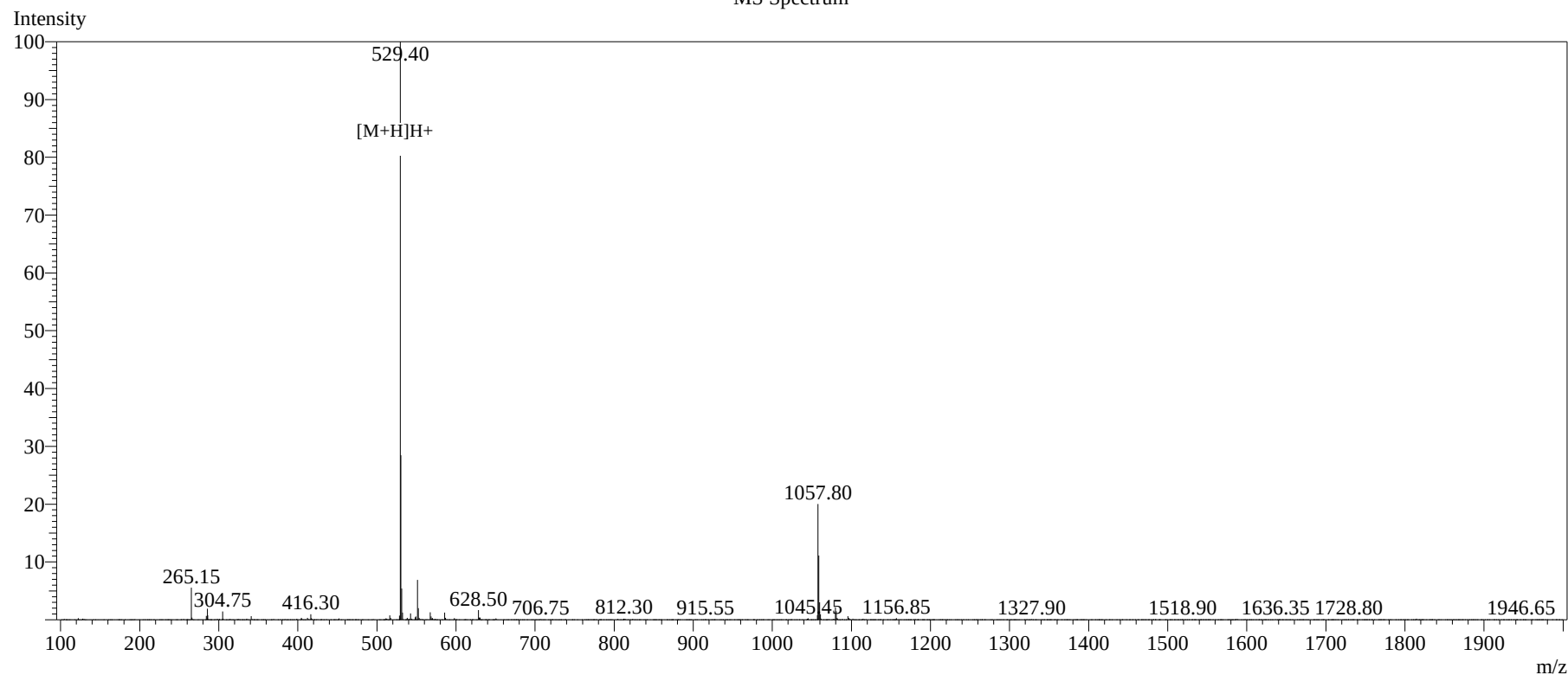


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	25.221	4972495	387802	97.099
2	26.448	38577	1875	0.753
3	27.547	110008	8445	2.148
Total		5121080	398122	100.000

MS Spectrum



Sample Information

Dissolution method :15%ACN+85%H₂O
Date Acquired :2025/10/16 11:40:34
Injection Volume :0.2ul
Block Temp :200

Interface :ESI
Nebulizing Gas Flow :1.50L/min
CDL Temp :250°C
CDL Volt :0v

Prerod Bias :+4.5kv
Detector :-0.2kv
T.Flow :0.2ml/min
B.conc :50%H₂O/50%MEOH

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Theoretical :528.70
Observed :528.40