

For Enjoyable Discovery

CERTIFICATE OF ANALYSIS

Product Name IKVAV peptide, Cat.#: 319187 (TFA removed)

Lot No. MTFA33376-250924

Sequence IKVAV (Acetate Salt)

Dissolution condition 100%H2O

Modification acetate salt

Molecular Weight (MW) 528.70

-20°C **Storage**

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*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:

Sep/28/2025

Quality Assurance Department



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Sample Information

Order ID :MTFA33376

Name :N/A

Sequence :IKVAV (Acetate Salt) Lot. No :MTFA33376-250924

Pump A :0.1%Trifluoroacetic in 100% water Pump B :0.1%Trifluoroacetic in 100% acetonitrile

Total Flow :1ml/min Wavelength :214nm

Analytial column type :Kromasil 100-5-C18 (4.6*250mm*5 μm)

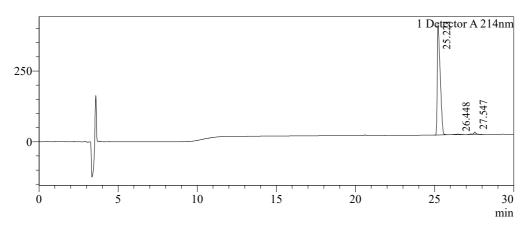
Dissolution method :100%H2O

Inj. Volume : 15ul

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

Chromatogram

mV



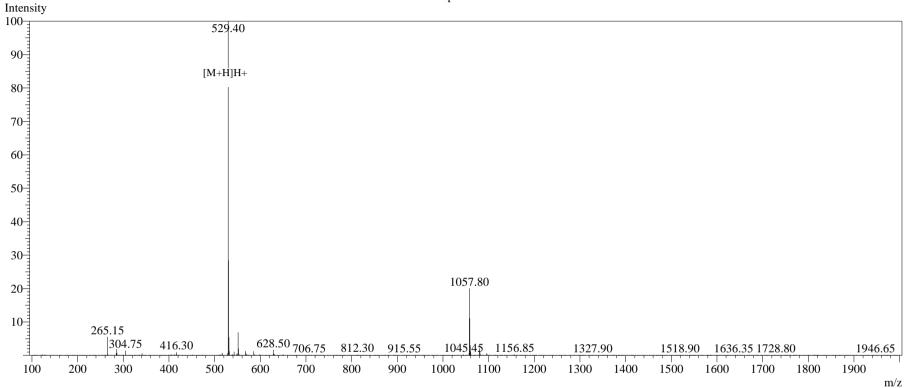
Peak Table

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	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/09/23 11:40:34	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%H2O/50%MEOH

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Theoretical :528.70 Observed :528.40