

CERTIFICATE OF ANALYSIS

Product Name	Ac-SDKP (Cat.#319303), TFA removed
Lot No.	MTFA31204-0407
Sequence	Ac-SDKP (HCl Salt)
Dissolution condition	100%H ₂ O
Length	4AA
Modification	HCl Salt
Molecular Weight (MW)	487.50
Storage	-20°C

Test Items	Specifications	Results
MW by MS	487.35	Conforms
Purity by HPLC	>95%	95.412%
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	30mg	5.0mg*6

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

Apr/12/2024

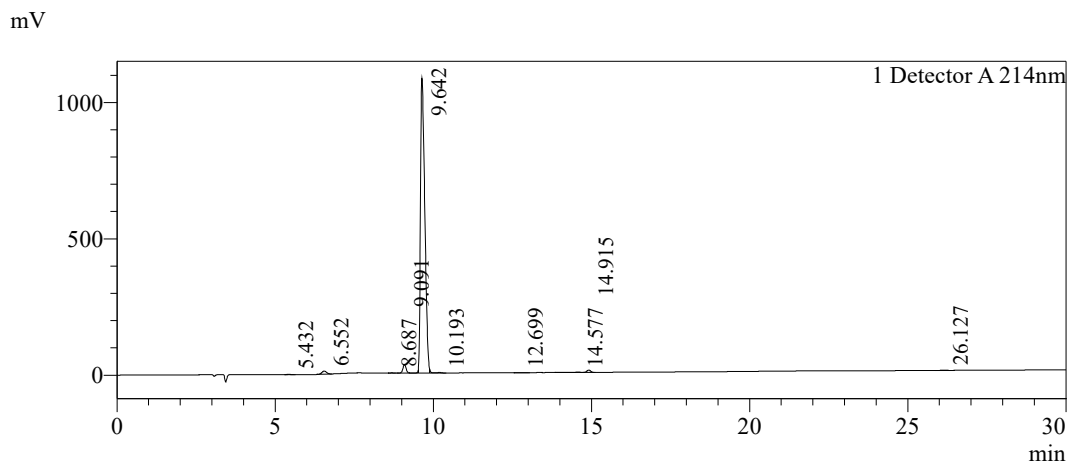


Sample Information

Order ID :MTFA31204
 Name :Ac-SDKP
 Sequence :Ac-SDKP (HCl Salt)
 Lot. No :MTFA31204-0407
 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 :Phenomenex Luna® 5 µm C18(2) (4.6*250mm*5 µm)
 Dissolution method :100%H2O
 Inj. Volume : 5ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	0.1
30.00	Pumps	B.Conc	30
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	0.1
50.00	Controller	Stop	

Chromatogram

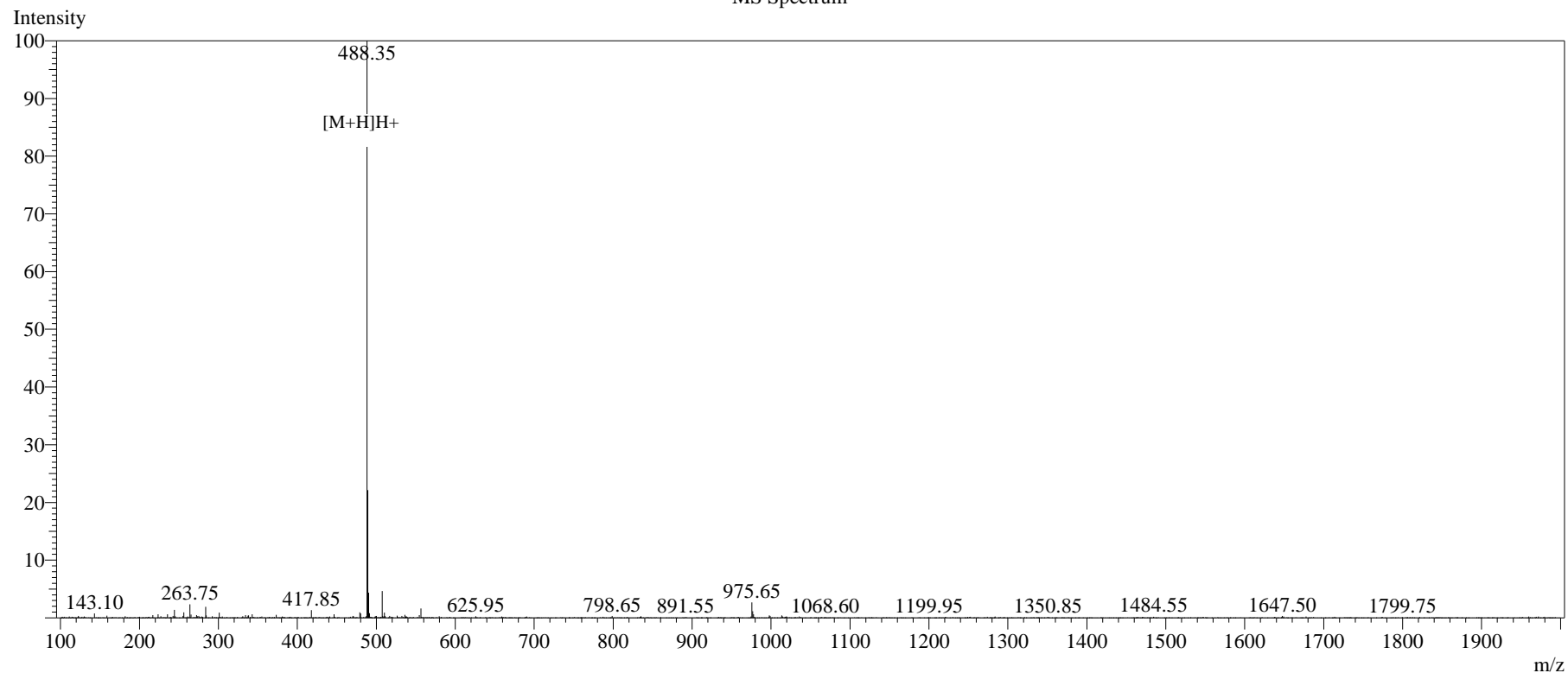


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	5.432	12813	1839	0.119
2	6.552	119854	11726	1.114
3	8.687	2773	483	0.026
4	9.091	229158	31405	2.130
5	9.642	10262750	1080612	95.412
6	10.193	36012	1795	0.335
7	12.699	2089	257	0.019
8	14.577	15138	1661	0.141
9	14.915	67592	8495	0.628
10	26.127	8117	565	0.075
Total		10756297	1138838	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/04/09 11:21:04	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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Lot.No	:MTFA31204-0407
Theoretical	:487.50
Observed	:487.35