

CERTIFICATE OF ANALYSIS

Product Name	SL9, HIV-1 p17 (77-85) peptide, Cat.#: 306337
Lot No.	MTFA33232-250822
Sequence	SLYNTVATL
Dissolution condition	15%ACN+85%H2O
Modification	N/A
Molecular Weight (MW)	981.09
Storage	-20°C

Test Items	Specifications	Results
MW by MS	980.50	Conforms
Purity by HPLC	>95%	98.223%
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	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:



Sep/19/2025

Quality Assurance Department

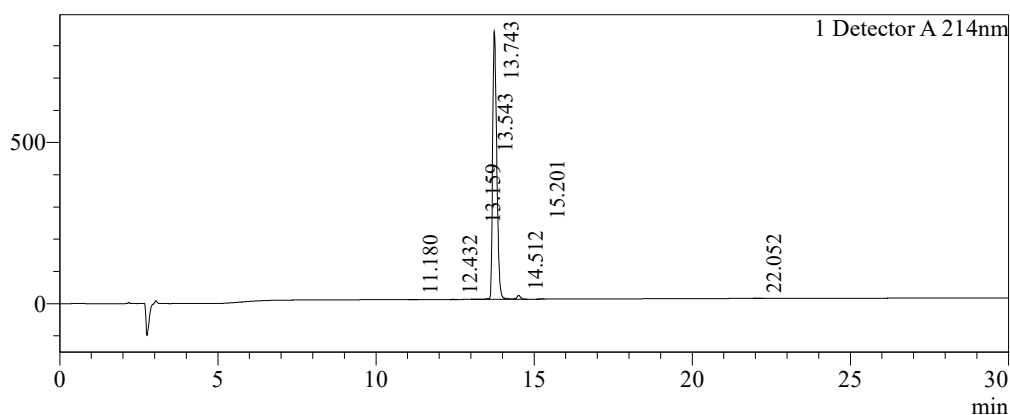


Sample Information

Order ID	:MTFA33232		
Name	:SL9, HIV-1 p17 (77-85) peptide, Cat.#: 306337		
Sequence	:SLYNTVATL		
Lot. No	:MTFA33232-250822		
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	:15%ACN+85%H2O		
Inj. Volume	: 25ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	20
30.00	Pumps	B.Conc	50
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

Chromatogram

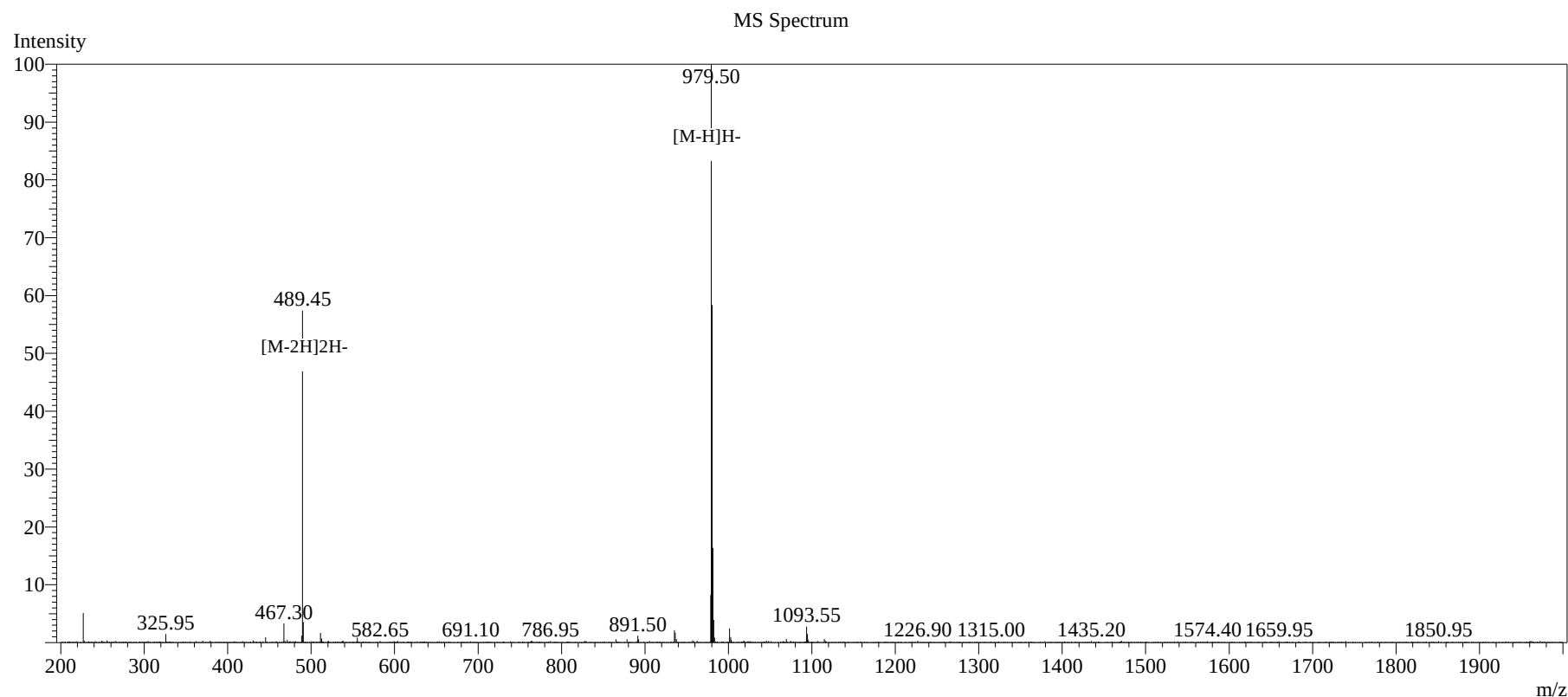
mV



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	11.180	1963	213	0.026
2	12.432	1558	235	0.020
3	13.159	2744	249	0.036
4	13.543	10789	1991	0.141
5	13.743	7497329	830183	98.223
6	14.512	113239	11400	1.484
7	15.201	1138	169	0.015
8	22.052	4188	497	0.055
Total		7632947	844938	100.000



Sample Information

Dissolution method	:15%ACN+85%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/09/18 08:51:16	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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Theoretical	:981.09
Observed	:980.50