


## CERTIFICATE OF ANALYSIS

Product Name	FK16, Cat.#: 319472 (TFA removed)
Lot No.	MTFA32701-0415
Sequence	FKRIVQRIKDFLRNLV-NH2 (Acetate Salt)
Dissolution condition	100%H2O
Length	16AA
Modification	Acetate Salt
Molecular Weight (MW)	2044.50
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2044.80	Conforms
Purity by HPLC	>95%	98.952%
TFA 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	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:   
Quality Assurance Department

Apr/24/2025



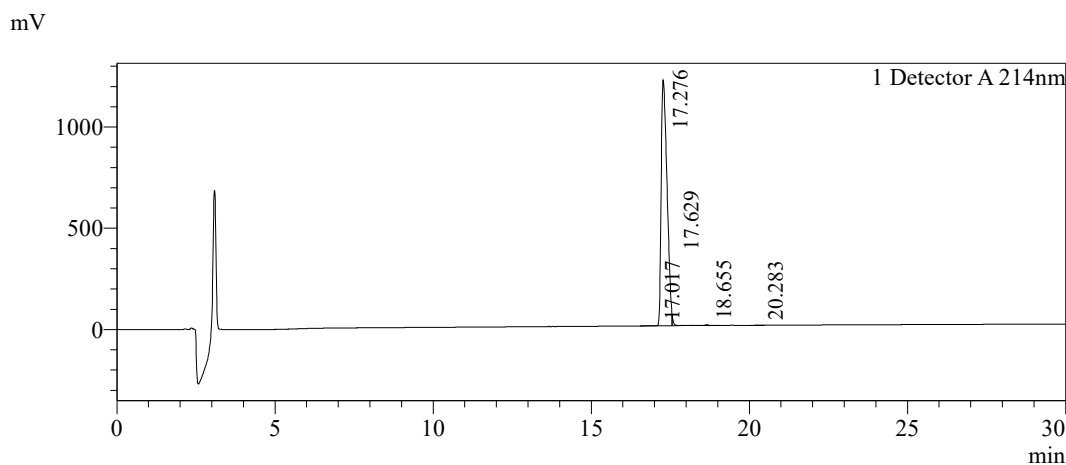
### Sample Information

Order ID	:MTFA32701
Name	:FK16 (TFA removed)
Sequence	:FKRIVQRIKDFLRNLV-NH2 (Acetate Salt)
Lot. No	:MTFA32701-0415
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	: 30ul

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

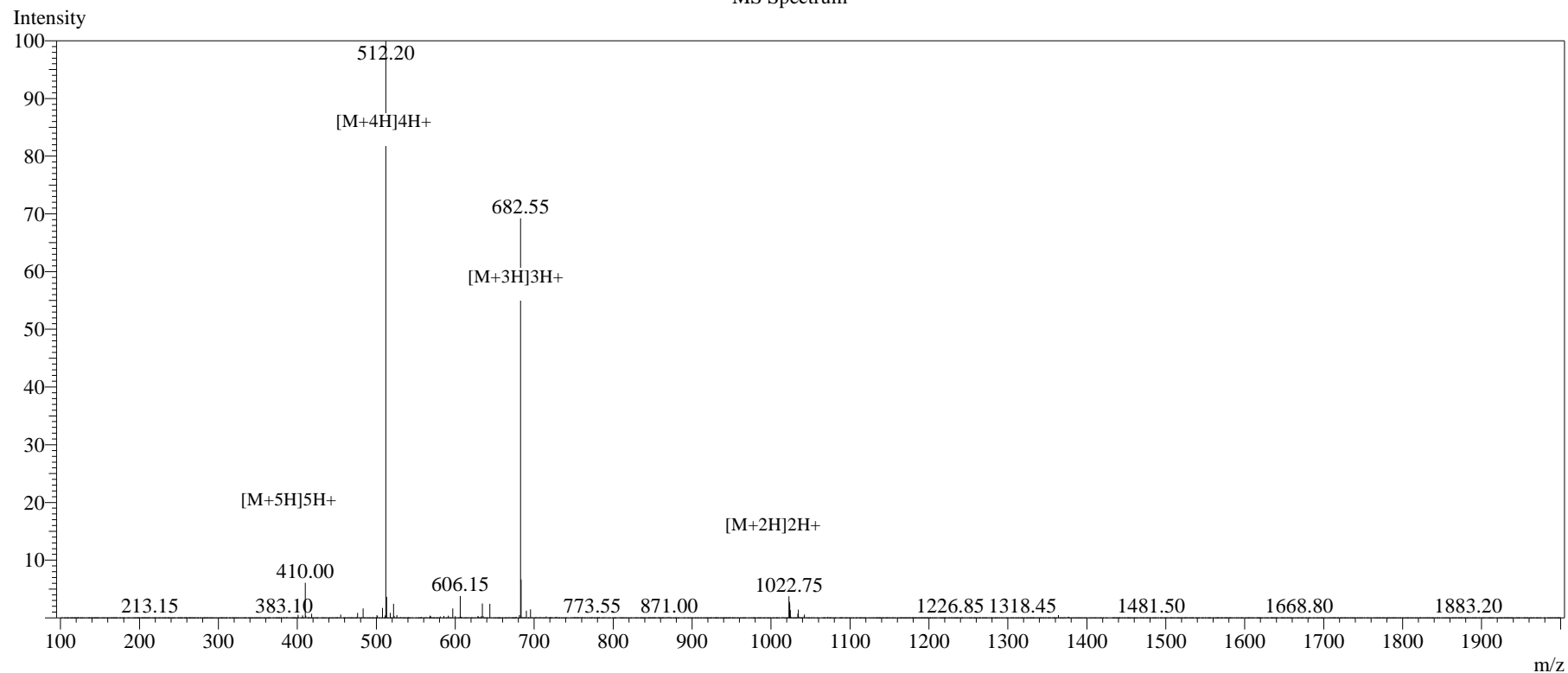


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	17.017	9691	570	0.061
2	17.276	15658959	1211751	98.952
3	17.629	112143	8094	0.709
4	18.655	32065	2822	0.203
5	20.283	11925	1308	0.075
Total		15824782	1224545	100.000

# MS Spectrum



## Sample Information

Dissolution method	:15% ACN+85% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/04/23 09:49:05	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 <sub>2</sub> O/50% ME OH
Order ID	:MTFA32701				
Name	:FK16 (TFA removed)				
Sequence	:FKRIVQRIKDFLRNLV-NH <sub>2</sub> (Acetate Salt)				
Lot.No	:MTFA32701-0415				
Theoretical	:2044.50				
Observed	:2044.80				