

## CERTIFICATE OF ANALYSIS

Product Name	ADTC5, Cat.#: 319352 (TFA removed )
Lot No.	MTFA32714-0421
Sequence	Ac-C*DTPPVC*-NH2 (Acetate Salt)
Dissolution condition	100%H2O
Length	7AA
Modification	acetate salt;Disulfide bond
Molecular Weight (MW)	772.88
Storage	-20°C

Test Items	Specifications	Results
MW by MS	772.30	Conforms
Purity by HPLC	>95%	96.163%
TFA content	N/A	N/A
Endotoxin 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:



May/12/2025

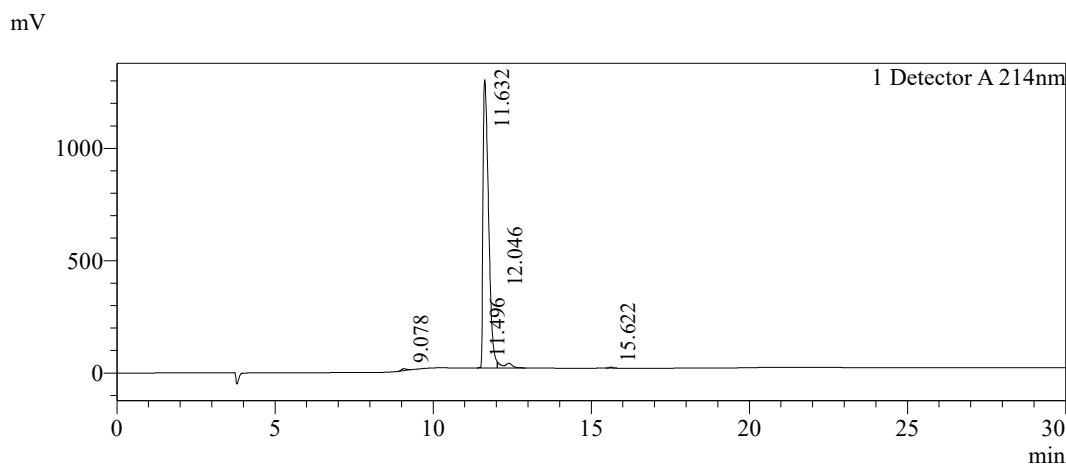
Quality Assurance Department



### Sample Information

Order ID	:MTFA32714		
Name	:ADTC5		
Sequence	:Ac-C*DTPPVC*-NH2 (Acetate Salt)		
Lot. No	:MTFA32714-0421		
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	: 15ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	15
30.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

### Chromatogram

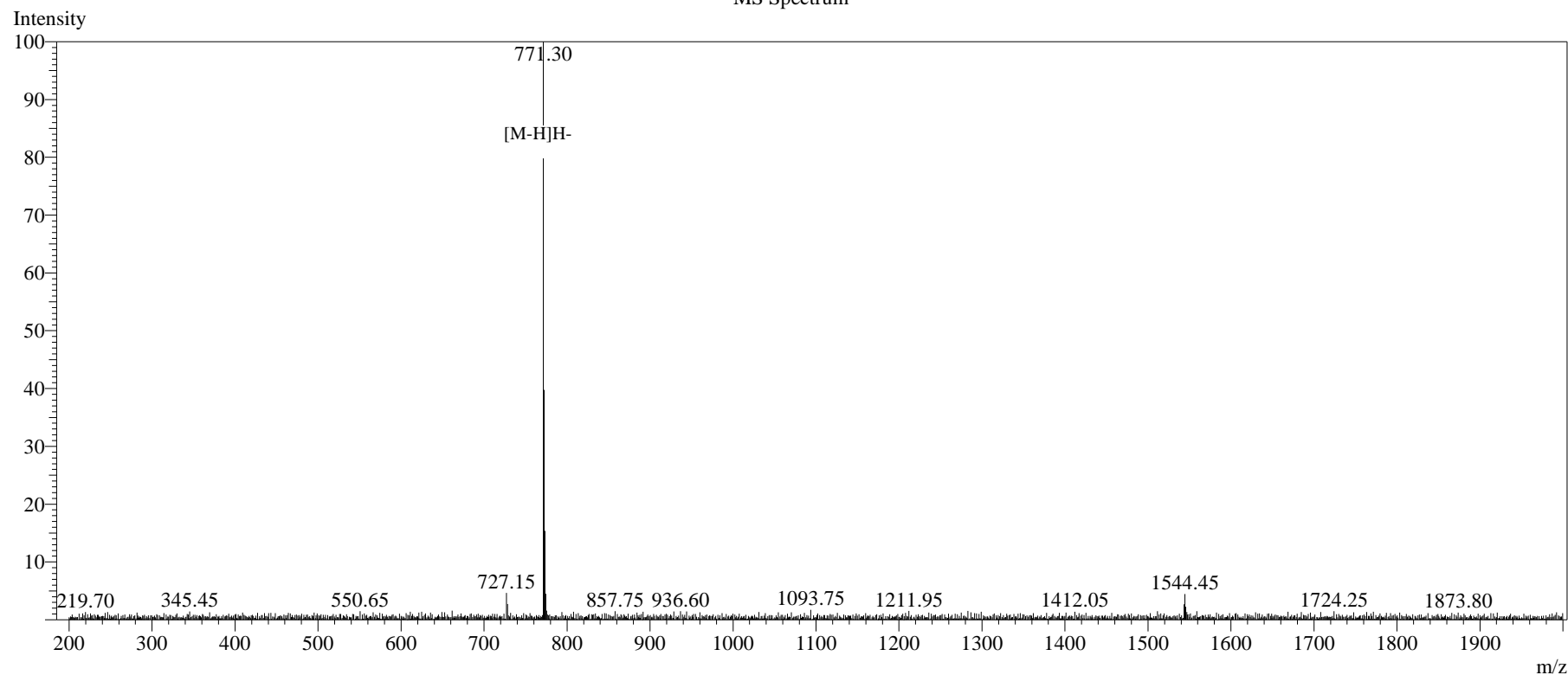


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.078	89431	8295	0.549
2	11.496	11174	2631	0.069
3	11.632	15667334	1280579	96.163
4	12.046	489653	24890	3.005
5	15.622	34918	5265	0.214
Total		16292510	1321660	100.000

# MS Spectrum



## Sample Information

Dissolution method	:15% ACN+85% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/04/29 16:04:03	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	:MTFA32714
Name	:ADTC5
Sequence	:Ac-C*DTPPVC*-NH <sub>2</sub> (Acetate Salt)
Lot.No	:MTFA32714-0421
Theoretical	:772.88
Observed	:772.30