

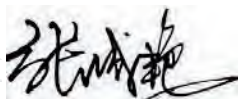
CERTIFICATE OF ANALYSIS

Product Name	AstC, Cat.#: 301891 (TFA removed)
Lot No.	MTFA32300-0106
Sequence	pE-VR YRQC*YFNPISC*F (Acetate Salt)
Dissolution condition	100%H ₂ O
Length	15AA
Modification	acetate salt; Disulfide bridge
Molecular Weight (MW)	1905.21
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1905.30	Conforms
Purity by HPLC	>95%	98.926%
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	5mg	5.0mg

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 in 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

Jan/08/2025

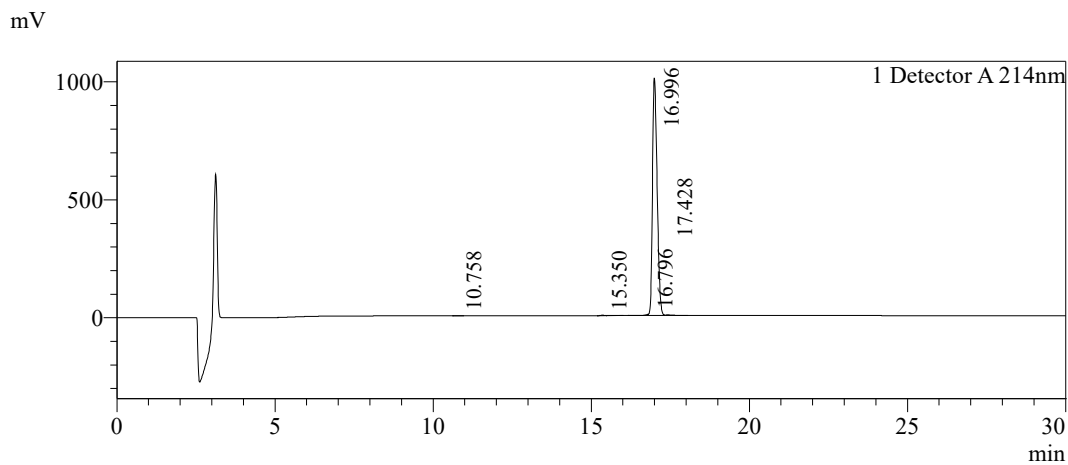


Sample Information

Order ID :MTFA32300
 Name :AstC
 Sequence :pE-VRYRQC*YFNPISC*F (Acetate Salt)
 Lot. No :MTFA32300-0106
 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 : 25ul

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	

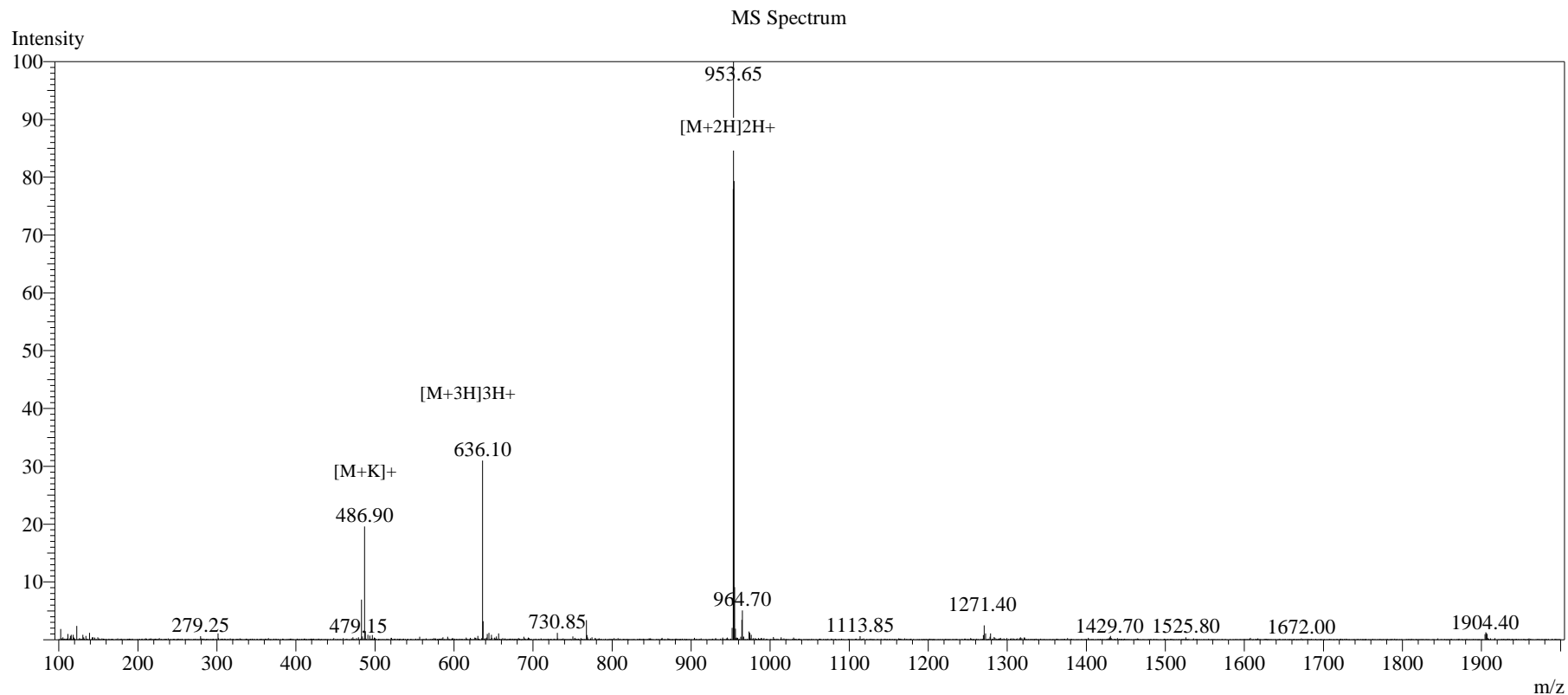
Chromatogram



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	10.758	4900	630	0.047
2	15.350	28763	1942	0.276
3	16.796	34467	4745	0.331
4	16.996	10299132	1005172	98.926
5	17.428	43648	2703	0.419
Total		10410910	1015192	100.000



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/01/07 14:58:52	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

Order ID	:MTFA32300
Name	:AstC
Sequence	:pE-VRYRQC*YFNPISC*F (Acetate Salt)
Lot.No	:MTFA32300-0106
Theoretical	:1905.21
Observed	:1905.30