

CERTIFICATE OF ANALYSIS

Product Name	Hamburger Pentapeptide Analog, Cat.#: 304092 (TFA removed)
Lot No.	MTFA33273-01-250902
Sequence	ADSDGK (Acetate Salt)
Dissolution condition	100%H ₂ O
Modification	acetate salt
Molecular Weight (MW)	591.56
Storage	-20°C

Test Items	Specifications	Results
MW by MS	591.60	Conforms
Purity by HPLC	>95%	95.317%
Peptide Content	N/A	N/A
Water 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	100 mg	20.0mg*5

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/13/2025

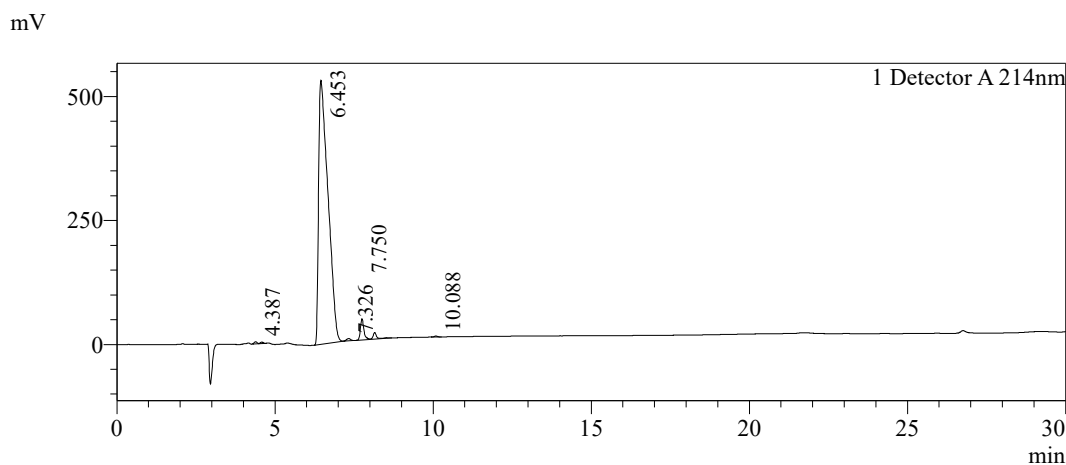
Quality Assurance Department



Sample Information

Order ID	:MTFA33273-01		
Name	:Hamburger Pentapeptide Analog		
Sequence	:ADSDGK (Acetate Salt)		
Lot. No	:MTFA33273-01-250902		
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%H ₂ O		
Inj. Volume	: 25ul		
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

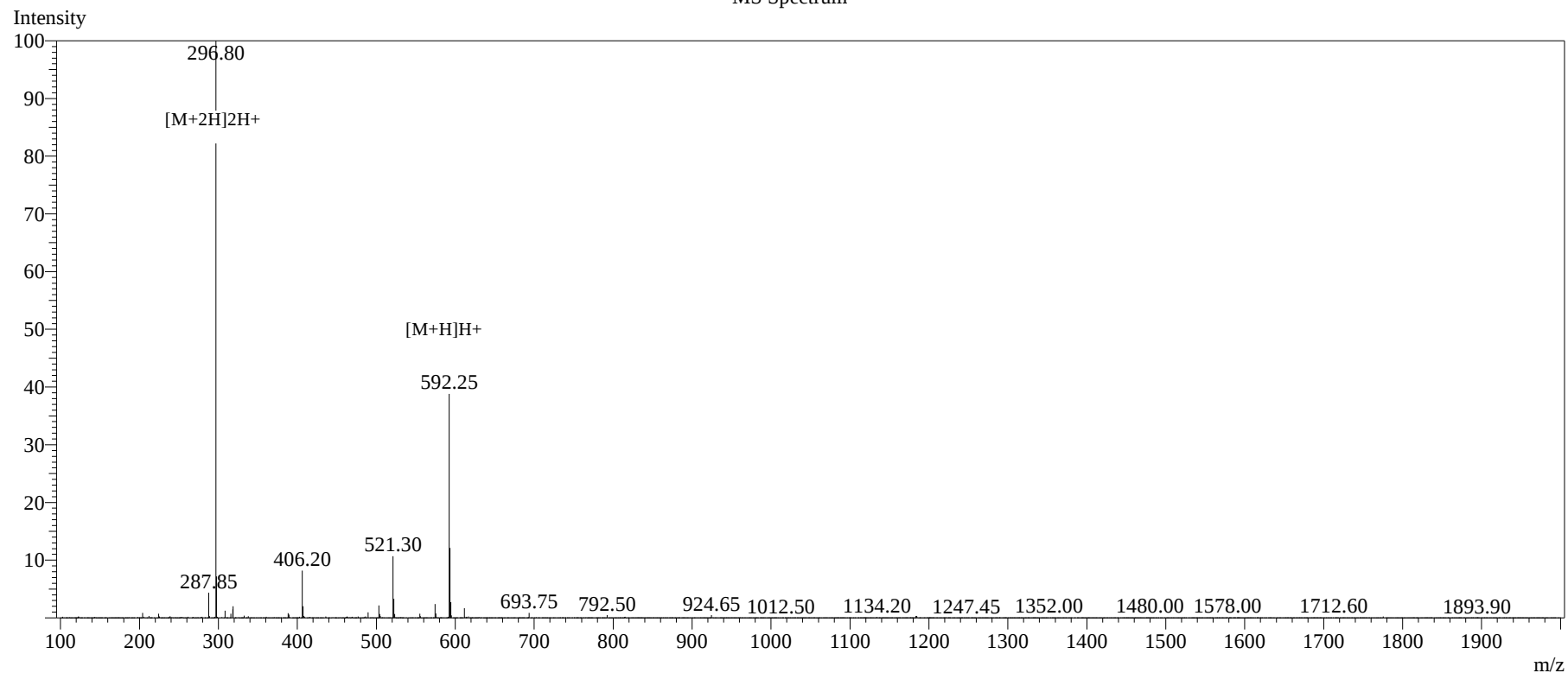


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	4.387	44475	4123	0.386
2	6.453	10989284	532200	95.317
3	7.326	40366	4616	0.350
4	7.750	441721	42824	3.831
5	10.088	13368	2013	0.116
Total		11529214	585775	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/09/12 09:40:14	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	:MTFA33273-01
Name	:Hamburger Pentapeptide Analog
Sequence	:ADSDGK (Acetate Salt)
Lot.No	:MTFA33273-01-250902
Theoretical	:591.56
Observed	:591.60