

CERTIFICATE OF ANALYSIS

Product Name	KCF18 peptide, Cat.#: 319760 (TFA removed)
Lot No.	MTFA33166-250807
Sequence	KCRKEMFKQKLPYSTVYF (HCl Salt)
Dissolution condition	100%H ₂ O
Modification	TFA Removal
Molecular Weight (MW)	2296.76
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2296.60	Conforms
Purity by HPLC	>95%	96.155%
Peptide Content	N/A	N/A
Water solubility	> 10mg/ml	Conforms
Moisture content	N/A	N/A
Acetic acid content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	1000mg	20.0mg*50

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/08/2025

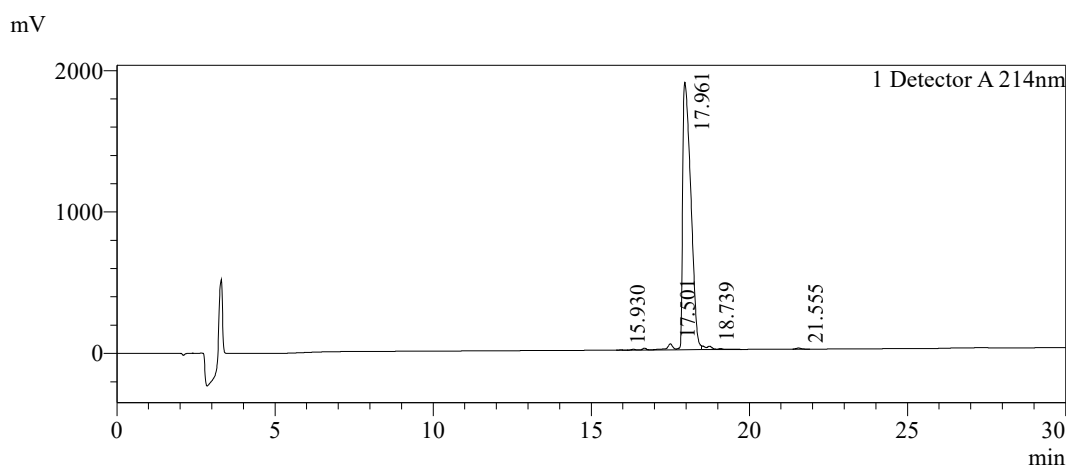
Quality Assurance Department



Sample Information

Order ID	:MTFA33166		
Name	:KCF18		
Sequence	:KCRKEMFKQKLPYSTVYF (HCl Salt)		
Lot. No	:MTFA33166-250807		
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	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

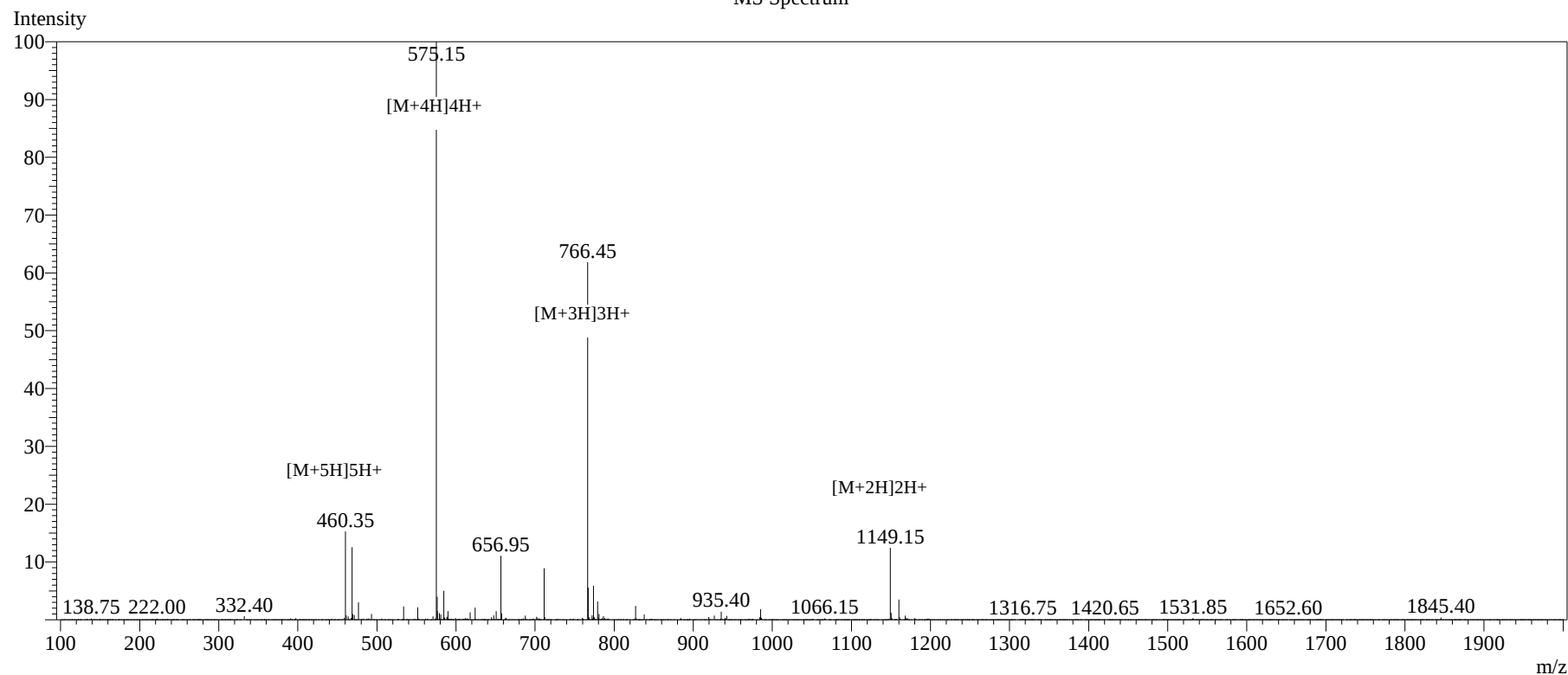


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	15.930	9854	982	0.028
2	17.501	713430	42361	2.025
3	17.961	33869434	1891058	96.155
4	18.739	550992	24058	1.564
5	21.555	79932	7601	0.227
Total		35223641	1966061	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/08/29 11:48:01	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%H2O/50%MEOH
Order ID	:MTFA33166				
Name	:KCF18				
Sequence	:KCRKEMFKQKLPYSTVYF (HCl Salt)				
Lot.No	:MTFA33166-250807				
Theoretical	:2296.76				
Observed	:2296.60				