
CERTIFICATE OF ANALYSIS

Product Name	LAH4 peptide, Cat.#: 319804 (TFA removed)
Lot No.	TP-20094315
Sequence	KKALLALALHHLAHLALHLALALKKA (Acetate Salt)
Dissolution condition	30%ACN+70%H2O
Modification	Acetate Salt
Molecular Weight (MW)	2779.46
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2780.2	Conforms
Purity by HPLC	>95%	95.98%
Endotoxin Content	N/A	N/A
TFA solubility	N/A	N/A
Moisture content	N/A	N/A
Peptide content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	10mg	2 x 5mg

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:



Sept/03/2026

Quality Assurance Department

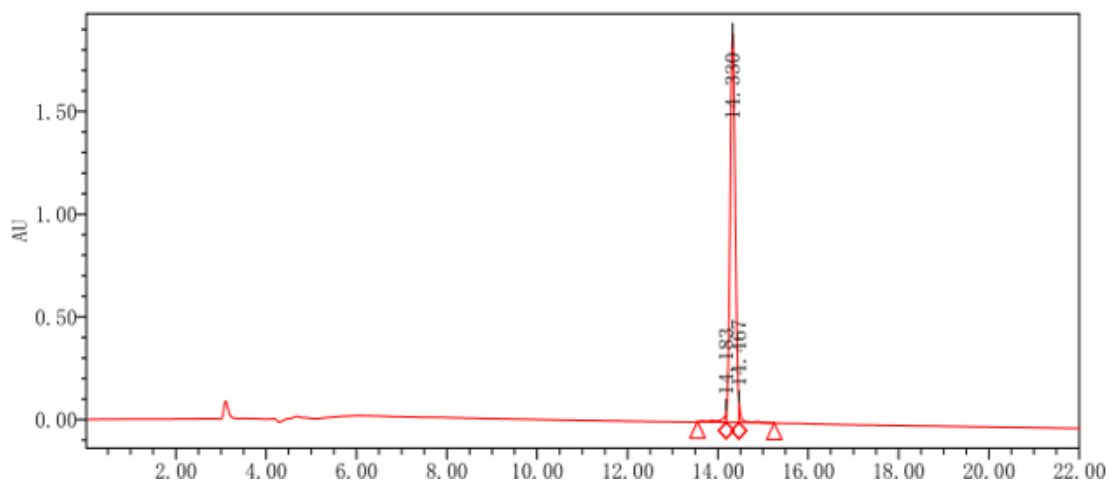


Sample Information

Name : LAH4 peptide, Cat.#: 319804 (TFA removed)
 Sequence : KKALLALHHLAHLALHLALALKKA
 Lot. No : TP-20094315
 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 um)
 Dissolution method : 100%H₂O
 Inj. Volume : 15ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	45
30.00	Pumps	B.Conc	75
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	45
50.00	Controller	Stop	-

Chromatogram



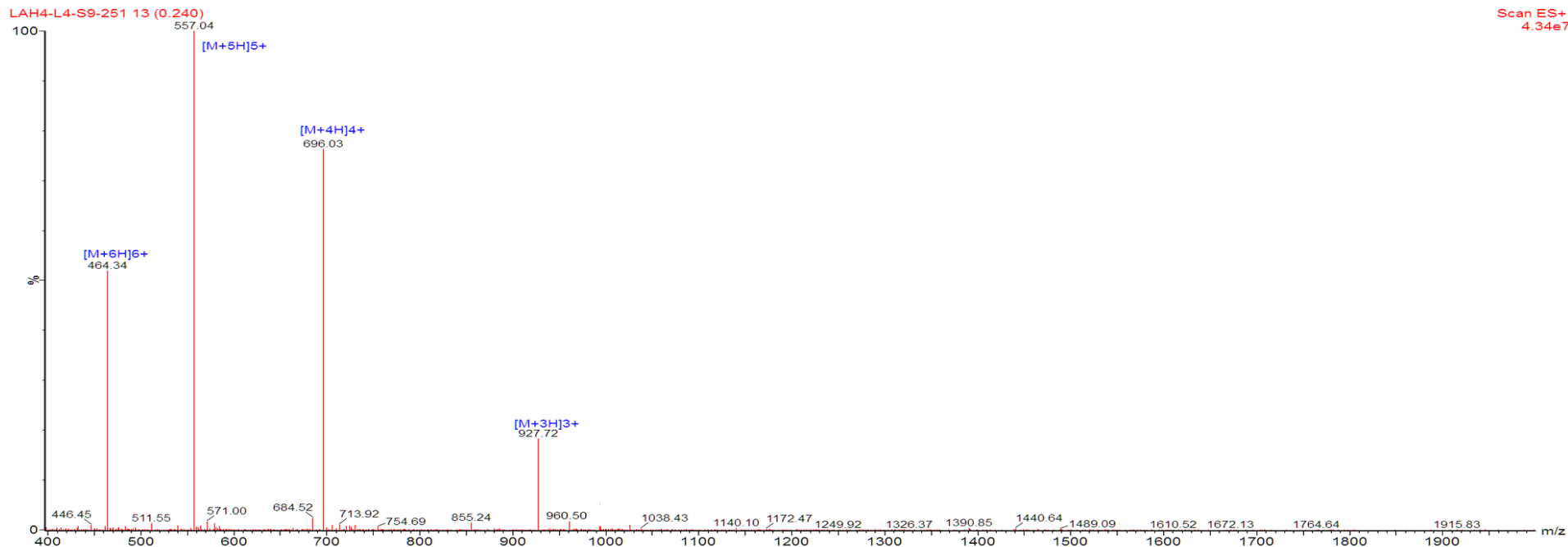
Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	14.183	295728	50492	1.95
2	14.330	14561224	1892351	95.98
3	14.467	313475	93617	2.07
Total	-	15170427	2036458	100

MS Spectrum

Scan ES+
4.34e7



Sample Information

Dissolution method	: 15%ACN+85%H ₂ O	Interface	: ESI	Prerod Bias	: +4.5kv
Date Acquired	: 2026/05/22 09:35:06	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
Name	: LAH4 peptide, Cat.#: 319804 (TFA removed)				
Sequence	: KKALLALALHHLAHLALHLALALKKA				
Lot.No	: TP-20094315				
Theoretical	: 2779.46				
Observed	: 2780.2				