

CERTIFICATE OF ANALYSIS

Product Name	LumC13/lumikine, Cat.#: 319438 (TFA removed)
Lot No.	MTFB20354-251209
Sequence	YEALRVANEVTLN (Acetate Salt)
Dissolution condition	2%NH ₃ .H ₂ O+18%ACN+80%H ₂ O
Modification	acetate salt
Molecular Weight (MW)	1491.64
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1491.60	Conforms
Purity by HPLC	>95%	95.261%
Endotoxin Content	N/A	N/A
TFA 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	50mg	5.0mg*10

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:



Jan/06/2026

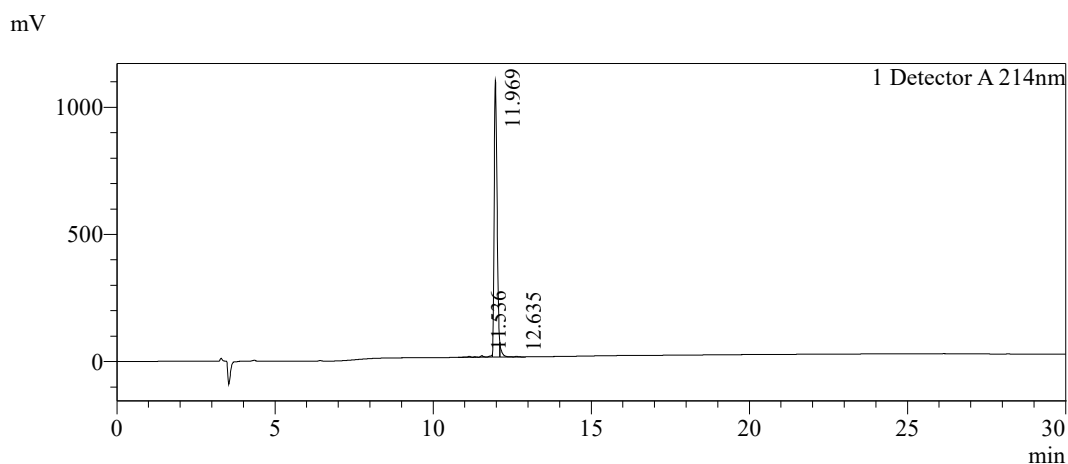
Quality Assurance Department



Sample Information

Order ID	:MTFB20354		
Name	:LumC13/lumikine		
Sequence	:YEALRVANEVTLN (Acetate Salt)		
Lot. No	:MTFB20354-251209		
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	:2%NH3.H2O+18%ACN+80%H2O		
Inj. Volume	: 25ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	20
30.00	Pumps	B.Conc	50
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

Chromatogram

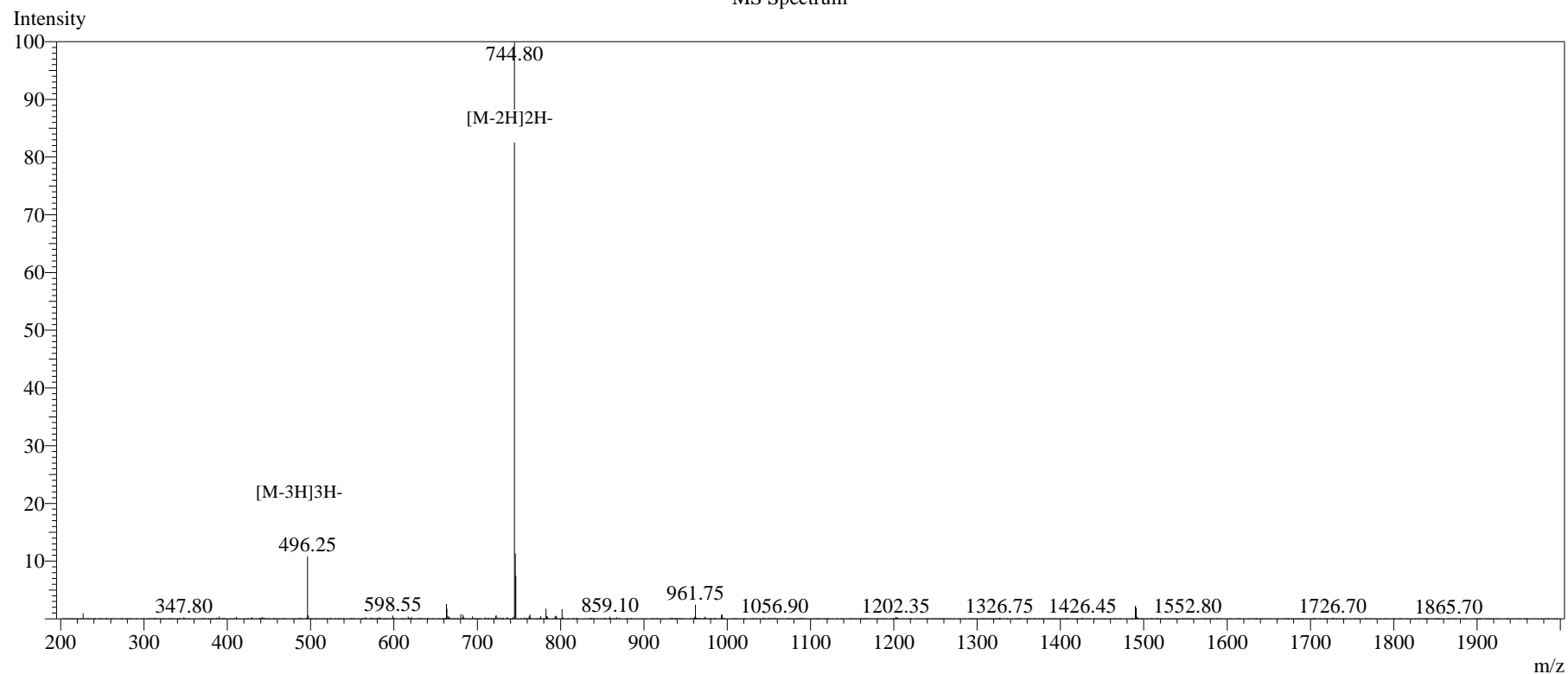


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	11.536	133156	5667	1.797
2	11.969	7058719	1087810	95.261
3	12.635	217965	2339	2.942
Total		7409839	1095816	100.000

MS Spectrum



Sample Information

Dissolution method :2%NH₃.H₂O+18%ACN+80%H₂O
 Date Acquired :2026/01/05 16:04:11
 Injection Volume :0.2ul
 Block Temp :200

Interface :ESI
 Nebulizing Gas Flow :1.50L/min
 CDL Temp :250°C
 CDL Volt :0v

Prerod Bias :+4.5kv
 Detector :-0.2kv
 T.Flow :0.2ml/min
 B.conc :50% H₂O/50% MEOH

Order ID :MTFB20354
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 Lot.No :MTFB20354-251209
 Theoretical :1491.64
 Observed :1491.60