

CERTIFICATE OF ANALYSIS

Product Name	Phytosulfokine (PSK) alpha, Cat.#: 310384
Lot No.	MTFB21161-260915
Sequence	{Y(SO ₃ H)}-I-{Y(SO ₃ H)}-TQ
Dissolution condition	100%H ₂ O
Modification	N/A
Molecular Weight (MW)	846.76
Storage	-20°C

Test Items	Specifications	Results
MW by MS	846.60	Conforms
Purity by HPLC	>95%	95.520%
Peptide content	N/A	N/A
N content	N/A	N/A
TFA content	N/A	N/A
Endotoxin content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	30.0mg	5.0mg*6

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/17/2026

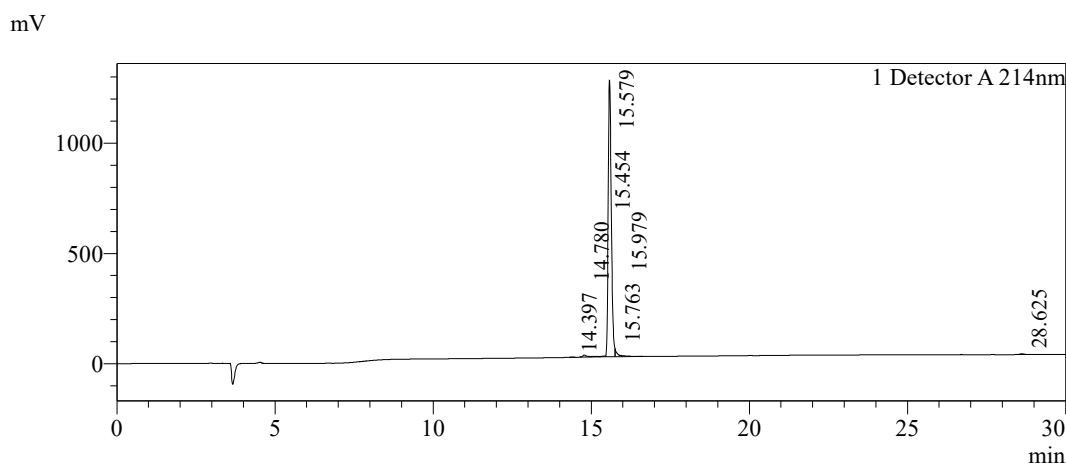
Quality Assurance Department



Sample Information

Order ID	:MTFB21161		
Name	:Phytosulfokine (PSK) alpha		
Sequence	:{Y(SO3H)}-I-{Y(SO3H)}-TQ		
Lot. No	:MTFB21161-260915		
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	: 30ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	5
30.00	Pumps	B.Conc	35
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	5
50.00	Controller	Stop	

Chromatogram

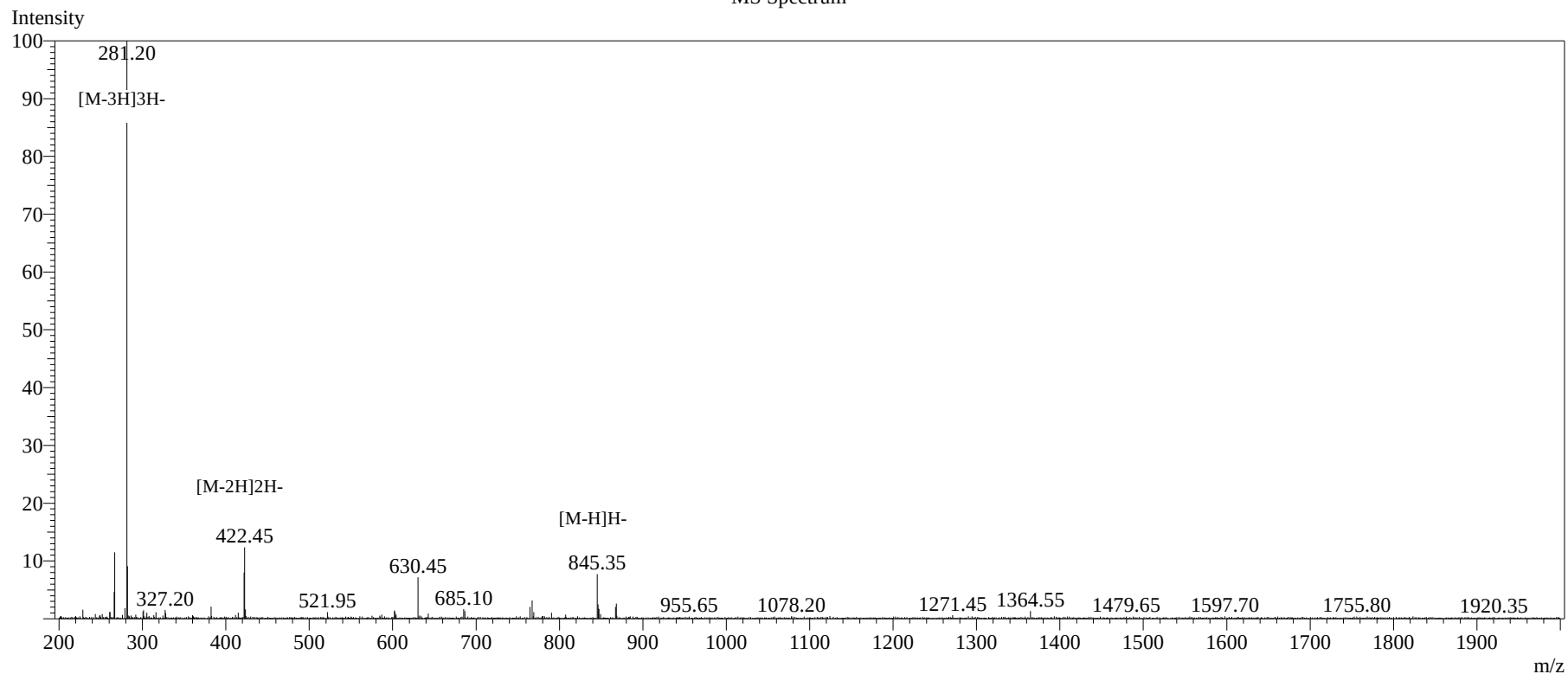


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	14.397	8212	1484	0.091
2	14.780	81140	9564	0.901
3	15.454	73449	4005	0.815
4	15.579	8606609	1252834	95.520
5	15.763	156883	31489	1.741
6	15.979	56435	4604	0.626
7	28.625	27580	2712	0.306
Total		9010309	1306691	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/09/16 15:43:06	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%H2O/50%MEOH
Order ID	:MTFB21161				
Name	:Phytosulfokine (PSK) alpha				
Sequence	:{Y(SO3H)}-I-{Y(SO3H)}-TQ				
Lot.No	:MTFB21161-260915				
Theoretical	:846.76				
Observed	:846.60				