

CERTIFICATE OF ANALYSIS

Product Name	Development regulating peptide Hym-248 Cat#304370
Lot No.	GTA35104-0516
Sequence	EPLPIGLW-NH2
Dissolution condition	100%H2O
Length	8AA
Modification	N/A
Molecular Weight (MW)	923.10
Storage	-20°C

Test Items	Specifications	Results
MW by MS	923.10	Conforms
Purity by HPLC	>95%	95.948%
Peptide Content	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	10mg	5.0mg*2

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:



Quality Assurance Department

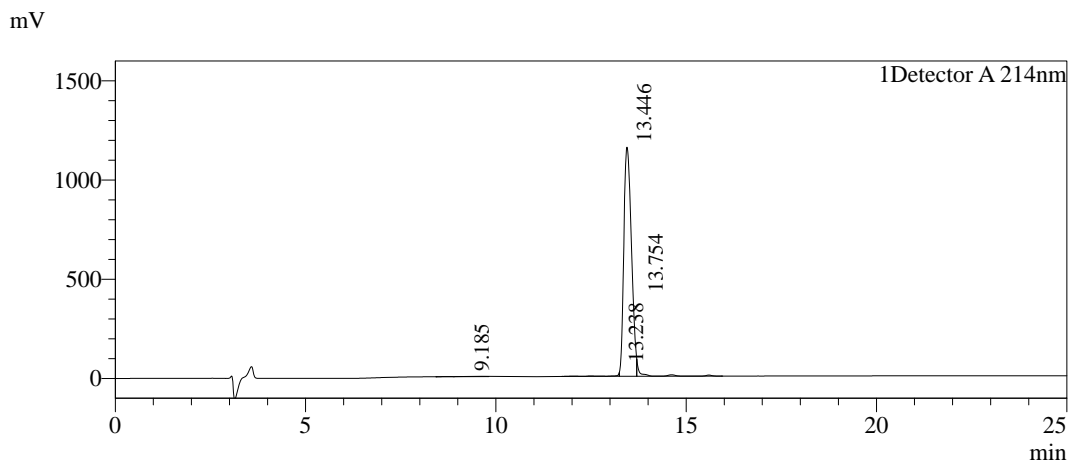
May/17/2023



Sample Information

Order ID	:GTA35104		
Name	:Development regulating peptide Hym-248		
Sequence	:EPLPIGLW-NH2		
Lot. No	:GTA35104-0516		
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	:Inertsil ODS-SP(4.6*250mm*5um)		
Dissolution method	:100% H2O		
Inj. Volume	: 10ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	30
25.00	Pumps	B.Conc	55
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	30
50.00	Controller	Stop	

Chromatogram

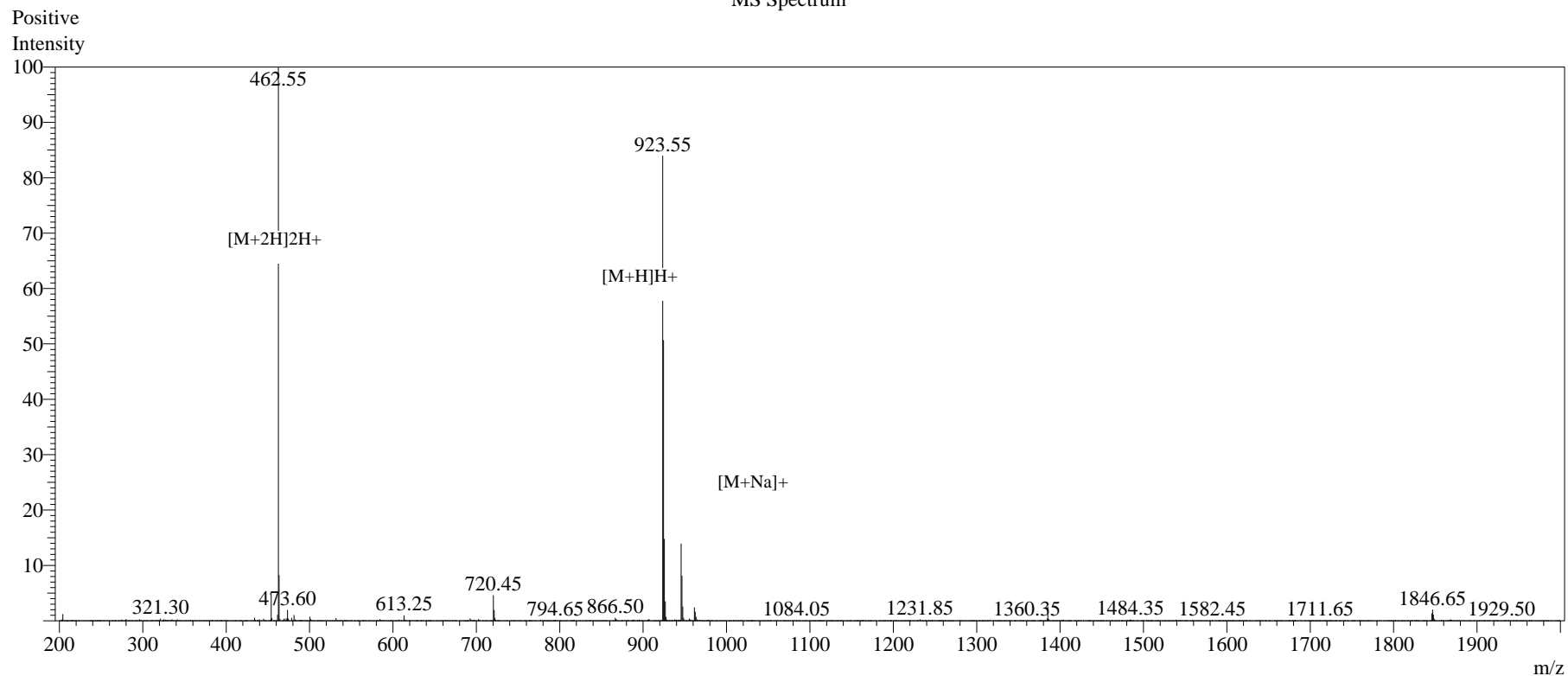


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.185	67386	2015	0.399
2	13.238	125213	13142	0.741
3	13.446	16218922	1154867	95.948
4	13.754	492390	31276	2.913
Total		16903911	1201301	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/05/17 14:30:06	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50% H ₂ O/50% MEOH

Order ID	:GTA35104
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Theoretical	:923.10
Observed	:923.10