

CERTIFICATE OF ANALYSIS

Product Name	Melanotan II peptide, Cat.#: 300003 (TFA removed)
Lot No.	MTFB21188-260922
Sequence	Ac-{Nle}-DHfRWK-NH2 (Acetate Salt)
Dissolution condition	100%H2O
Modification	acetate salt,Asp2-Lys7 lactam;f=D-Phe
Molecular Weight (MW)	1024.18
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1024.00	Conforms
Purity by HPLC	>98%	99.742%
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	60.0mg	5.0mg*12

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/24/2026

Quality Assurance Department

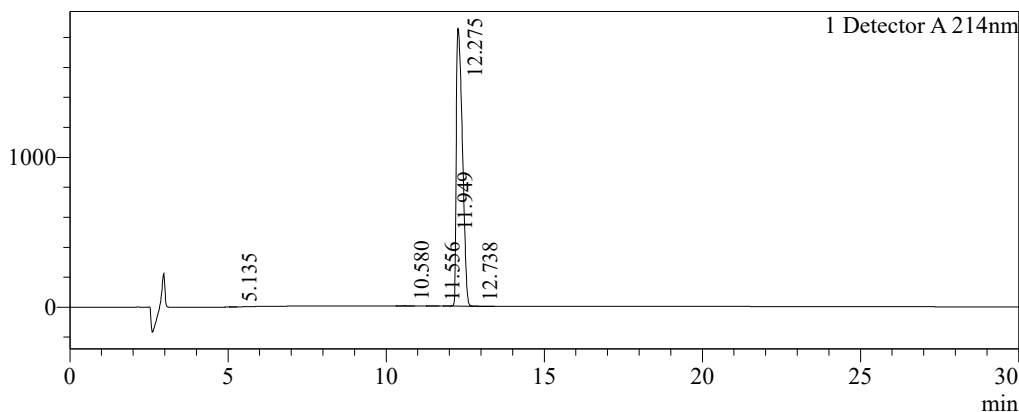


Sample Information

Order ID	:MTFB21188		
Name	:Melanotan II		
Sequence	:Ac-{Nle}-DHfRWK-NH2(Acetate Salt)		
Lot. No	:MTFB21188-260922		
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	: 10ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	25
30.00	Pumps	B.Conc	55
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	25
50.00	Controller	Stop	

Chromatogram

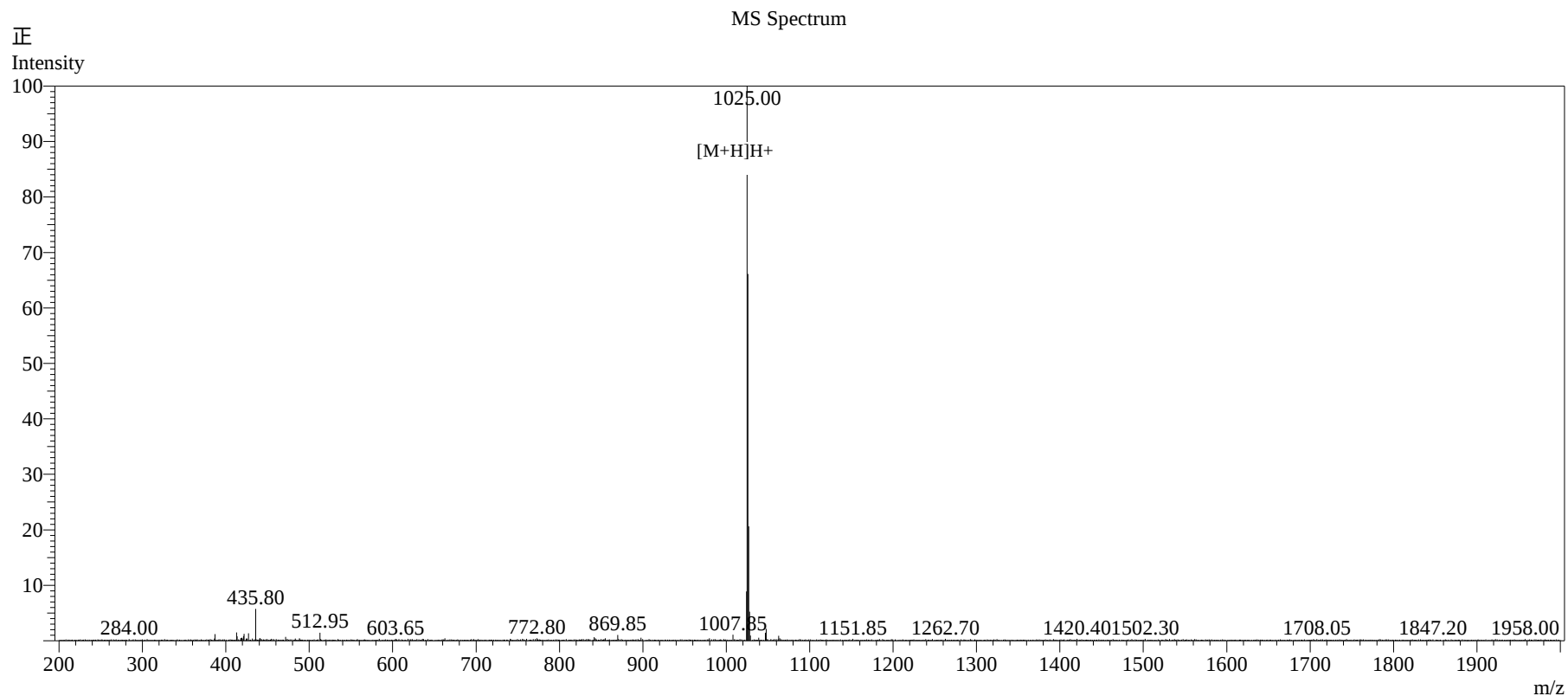
mV



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	5.135	7645	1358	0.030
2	10.580	24665	2447	0.098
3	11.556	6522	743	0.026
4	11.949	14357	1882	0.057
5	12.275	25051269	1852980	99.742
6	12.738	11709	1746	0.047
Total		25116166	1861156	100.000



Sample Information

Dissolution method	:15%ACN+85%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/09/22 16:58:36	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

Order ID	:MTFB21188
Name	:Melanotan II
Sequence	:Ac-{Nle}-DHF ⁺ RWK-NH ₂ (Acetate Salt)
Lot.No	:MTFB21188-260922
Theoretical	:1024.18
Observed	:1024.00