

CERTIFICATE OF ANALYSIS

Product Name	Dermorphine 8 peptide, Cat.#: 305111 (TFA removed)
Lot No.	MTFA33330-250916
Sequence	YaFWYPN-NH2 (Acetate Salt)
Dissolution condition	15%ACN+85%H2O
Modification	acetate salt
Molecular Weight (MW)	959.06
Storage	-20°C

Test Items	Specifications	Results
MW by MS	958.40	Conforms
Purity by HPLC	>95%	97.983%
Peptide 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	40mg	5.0mg*8

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/19/2025

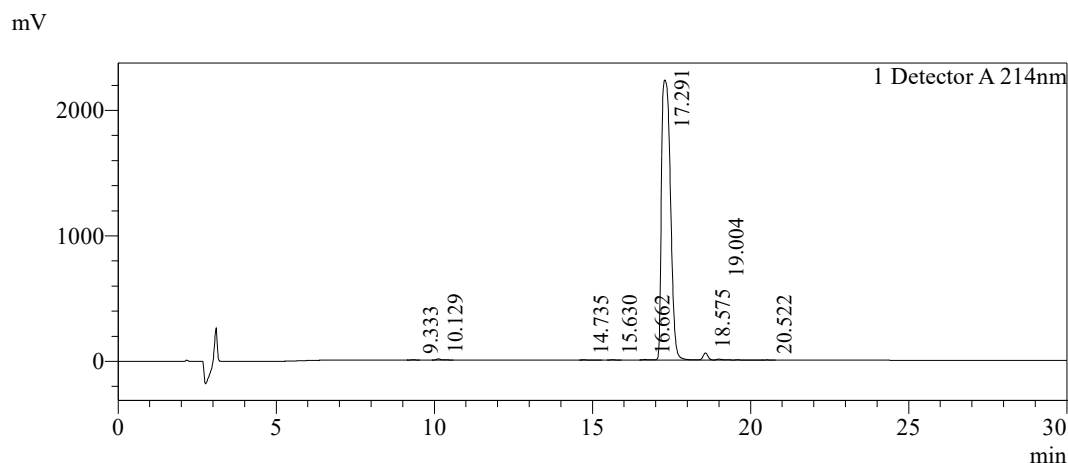
Quality Assurance Department



Sample Information

Order ID	:MTFA33330		
Name	:Dermorphine 8 peptide		
Sequence	:YaFWYPN-NH2 (Acetate Salt)		
Lot. No	:MTFA33330-250916		
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	:15%ACN+85%H2O		
Inj. Volume	: 20ul		
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	

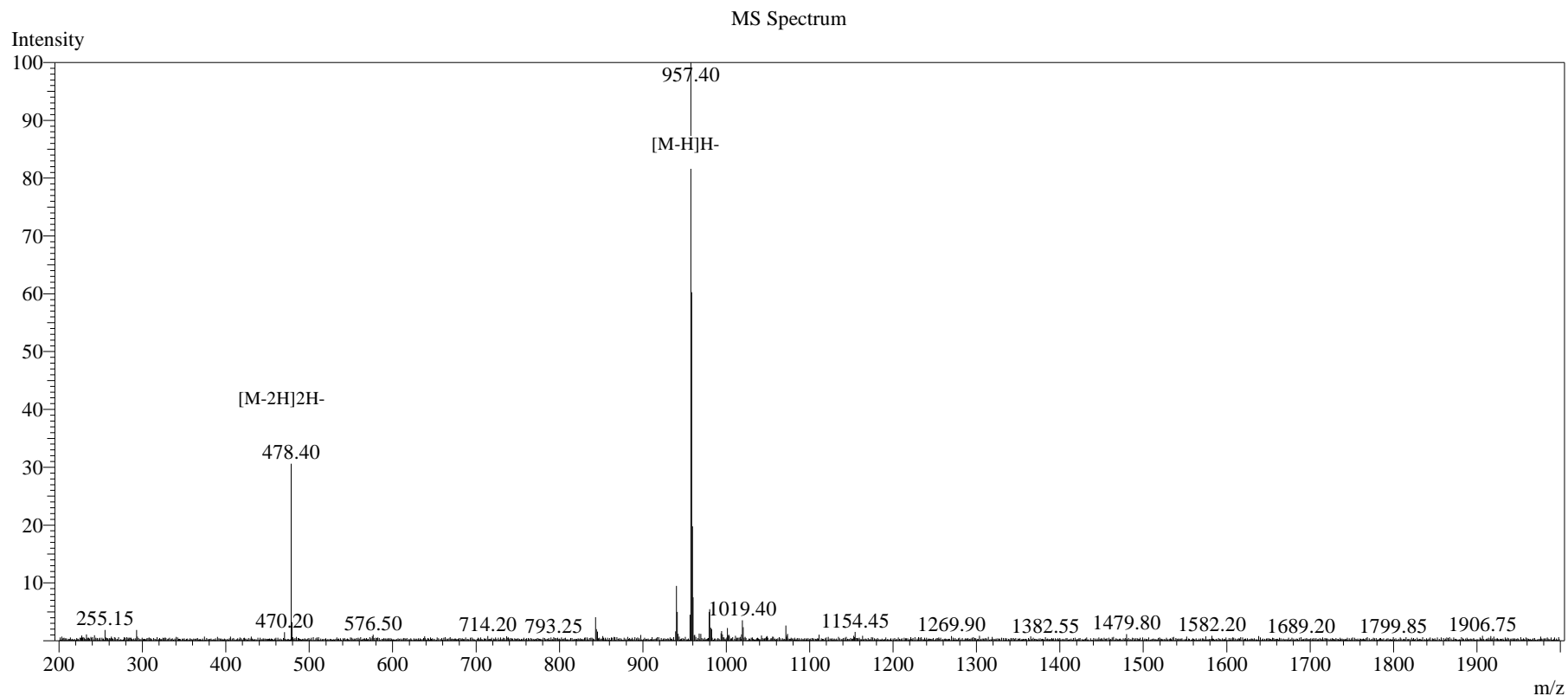
Chromatogram



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.333	12305	1417	0.027
2	10.129	93090	8618	0.207
3	14.735	18189	1273	0.041
4	15.630	17150	1566	0.038
5	16.662	37574	3186	0.084
6	17.291	43986244	2230365	97.983
7	18.575	607125	55819	1.352
8	19.004	104796	5921	0.233
9	20.522	15228	1690	0.034
Total		44891701	2309854	100.000



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/09/18 14:19:05	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% ME OH
Order ID	:MTFA33330				
Name	:Dermorphine 8 peptide				
Sequence	:YaFWYPN-NH ₂ (Acetate Salt)				
Lot.No	:MTFA33330-250916				
Theoretical	:959.06				
Observed	:958.40				