

CERTIFICATE OF ANALYSIS

Product Name	Neuropeptide EI-Gly-Arg-Arg-MCH, Cat.#: 301157 (TFA removed)
Lot No.	MTFB20956-260616
Sequence	EIGDEENSAKFPIGRRDFDMLRC*MLGRVYRPC*WQV (Acetate Salt)
Dissolution condition	100%H2O
Modification	Acetate Salt, Disulfide bridge: : Cys23-Cys32
Molecular Weight (MW)	4186.78
Storage	-20°C

Test Items	Specifications	Results
MW by MS	4186.80	Conforms
Purity by HPLC	>95%	95.085%
Endotoxin Content	N/A	N/A
TFA solubility	N/A	N/A
Moisture content	N/A	N/A
Peptide content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	20.0mg	5.0mg*4

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

Jun/25/2026



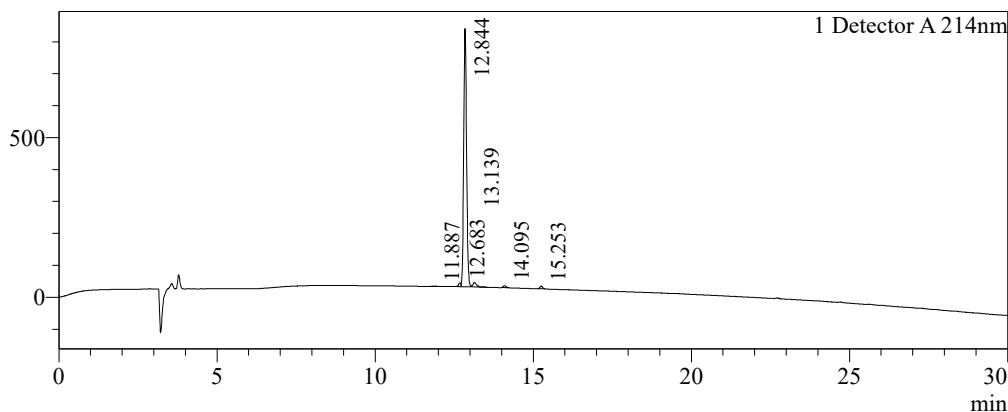
Sample Information

Order ID :MTFB20956
 Name :Neuropeptide EI-Gly-Arg-Arg-MCH, Cat.#: 301157 (TFA removed)
 Sequence :EIGDEENSAKFPIGRRDFDMLRC*MLGRVYRPC*W QV
 (Acetate Salt)
 Lot. No :MTFB20956-260616
 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	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

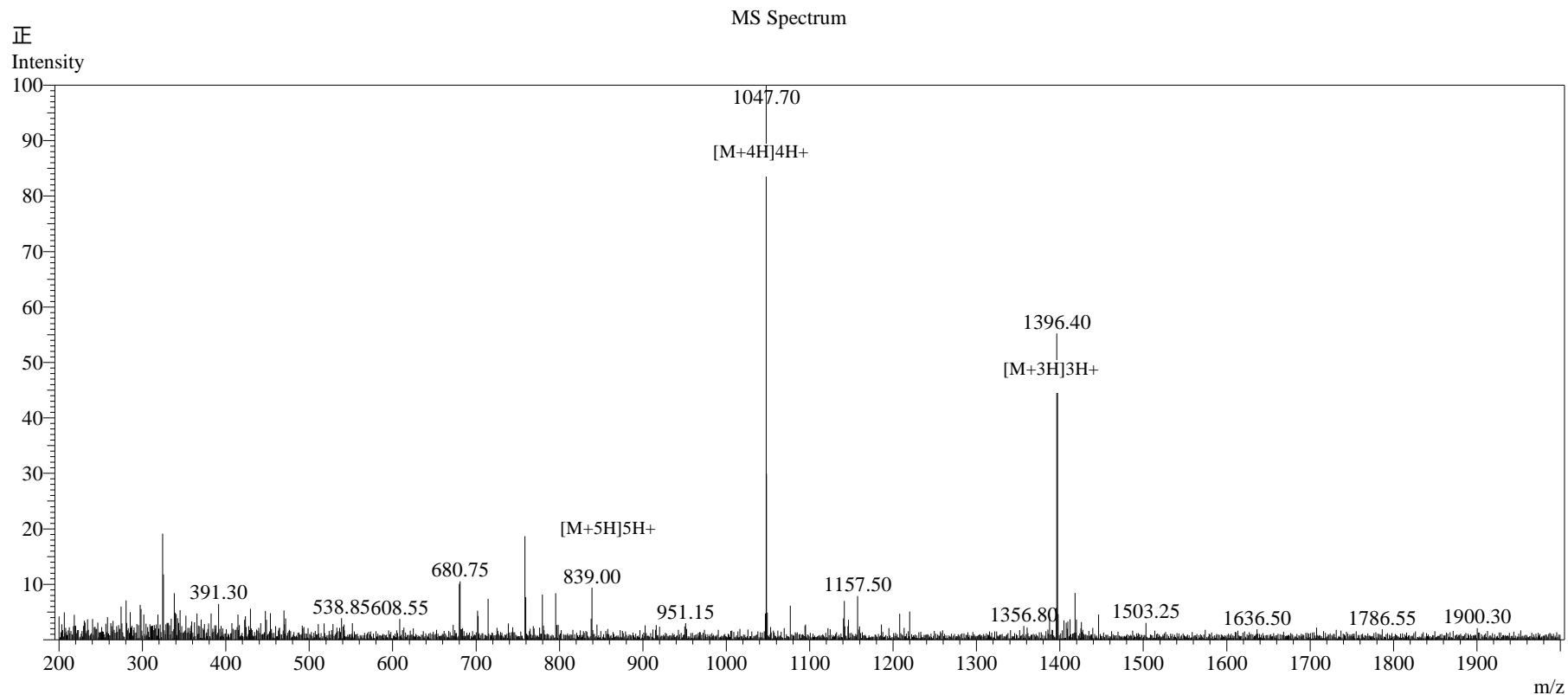
mV



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	11.887	12912	1521	0.241
2	12.683	57335	11204	1.072
3	12.844	5084766	808477	95.085
4	13.139	117615	13920	2.199
5	14.095	30311	5644	0.567
6	15.253	44683	7838	0.836
Total		5347622	848605	100.000



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/06/22 11:39:11	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

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Lot.No	:MTFB20956-260616
Theoretical	:4186.78
Observed	:4186.80