


CERTIFICATE OF ANALYSIS

Product Name	Neuropeptide EI-Gly-Arg-Arg-MCH (human, mouse, rat) Cat.#: 301157 (TFA removed)
Lot No.	MTFB20619-01-260310-A
Sequence	EIGDEENSAKFPIGRRDFDMLRCMLGRVYRPCWQV (Acetate Salt)
Dissolution condition	100%H ₂ O
Modification	acetate salt
Molecular Weight (MW)	4188.80
Storage	-20°C

Test Items	Specifications	Results
MW by MS	4189.60	Conforms
Purity by HPLC	>95%	95.461%
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	10 mg	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/06/2026

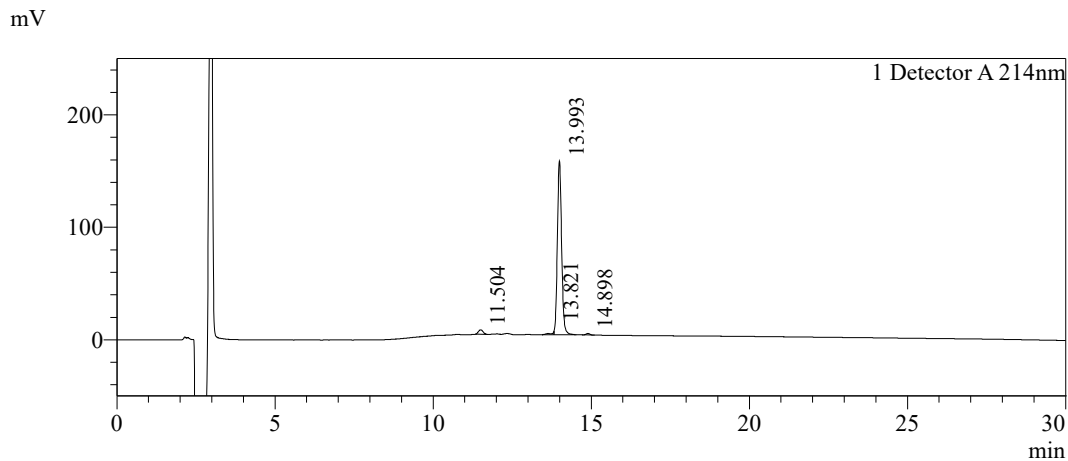


Sample Information

Order ID :MTFB20619-01
 Name :Neuropeptide EI-Gly-Arg-Arg-MCH (human, mouse, rat)
 Sequence :EIGDEENSAKFPIGRRDFDMLRCMLGRVYRPCWQV (Acetate Salt)
 Lot. No :MTFB20619-01-260310
 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	30
30.00	Pumps	B.Conc	60
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	30
50.00	Controller	Stop	

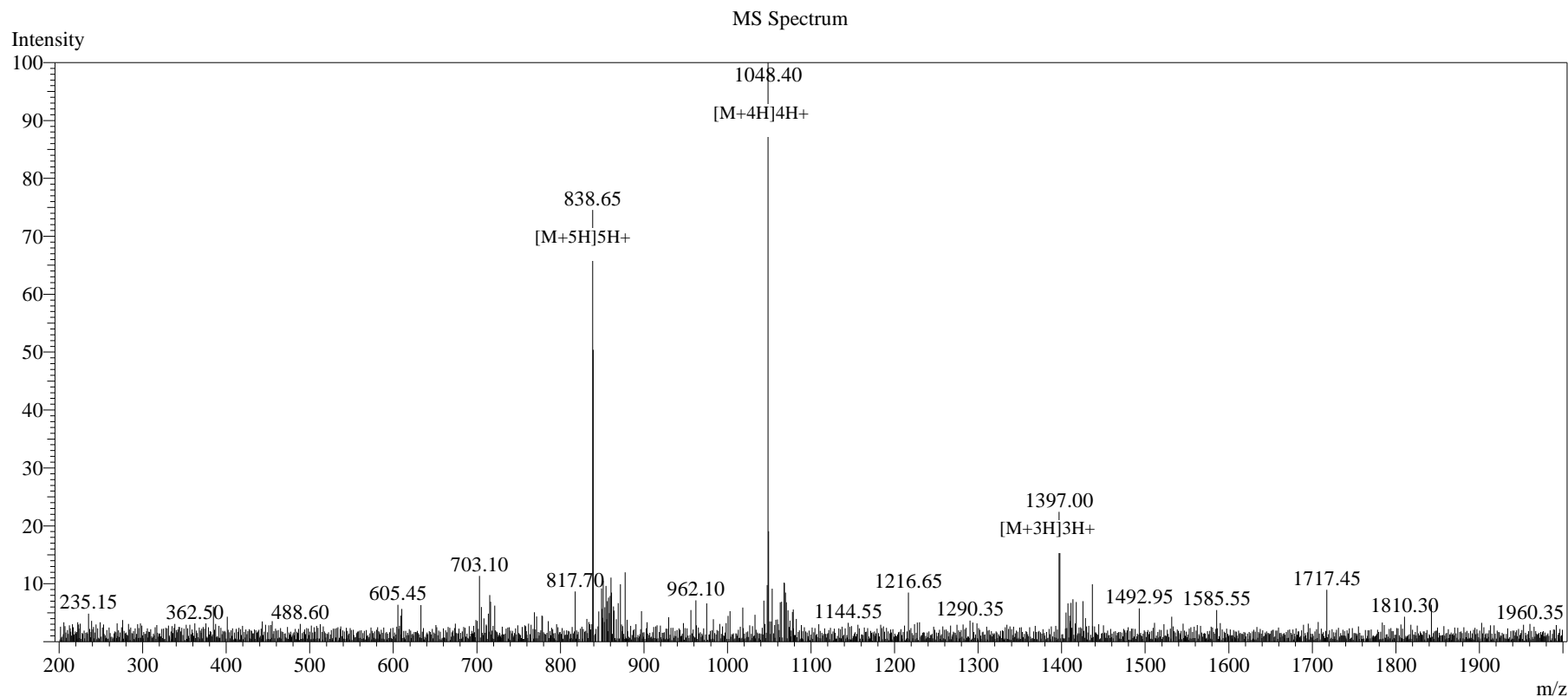
Chromatogram



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	11.504	39157	3957	2.599
2	13.821	18239	2446	1.210
3	13.993	1438424	154491	95.461
4	14.898	10998	1355	0.730
Total		1506819	162249	100.000



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/04/30 17:06:38	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	:MTFB20619-01-260310
Theoretical	:4188.80
Observed	:4189.60