
CERTIFICATE OF ANALYSIS

Product Name	Diazepam binding inhibitor-34 peptide, Cat.#: 300196
Lot No.	MTFB20521-02-260130
Sequence	TQPTDEEMLFYSHFKQATVGDVNTDRPGLLDLK
Dissolution condition	100%H ₂ O
Modification	N/A
Molecular Weight (MW)	3880.29
Storage	-20°C

Test Items	Specifications	Results
MW by MS	3881.25	Conforms
Purity by HPLC	>95%	95.120%
Endotoxin 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	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:



Mar/09/2026

Quality Assurance Department



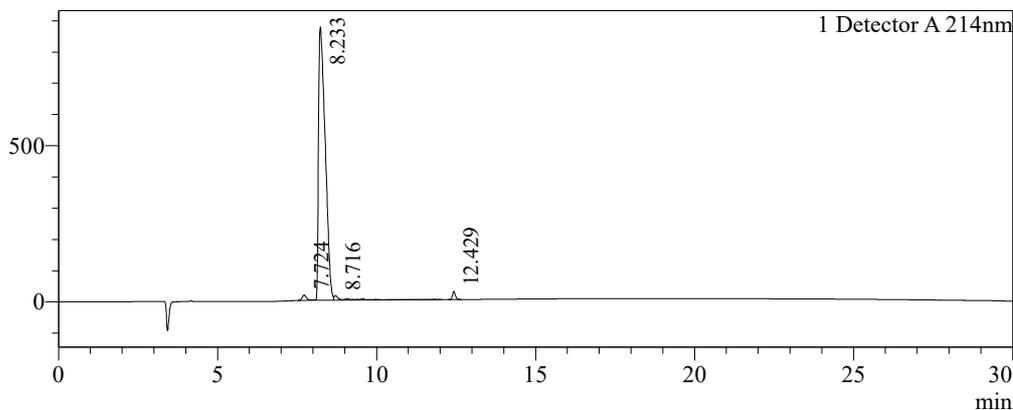
Sample Information

Order ID :MTFB20521-02
 Name :Diazepam binding inhibitor-34 peptide
 Sequence :TQPTDEEMLFIYSHFKQATVGDVNTDRPGLLDLK
 Lot. No :MTFB20521-02-260130
 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 : 25ul

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

mV

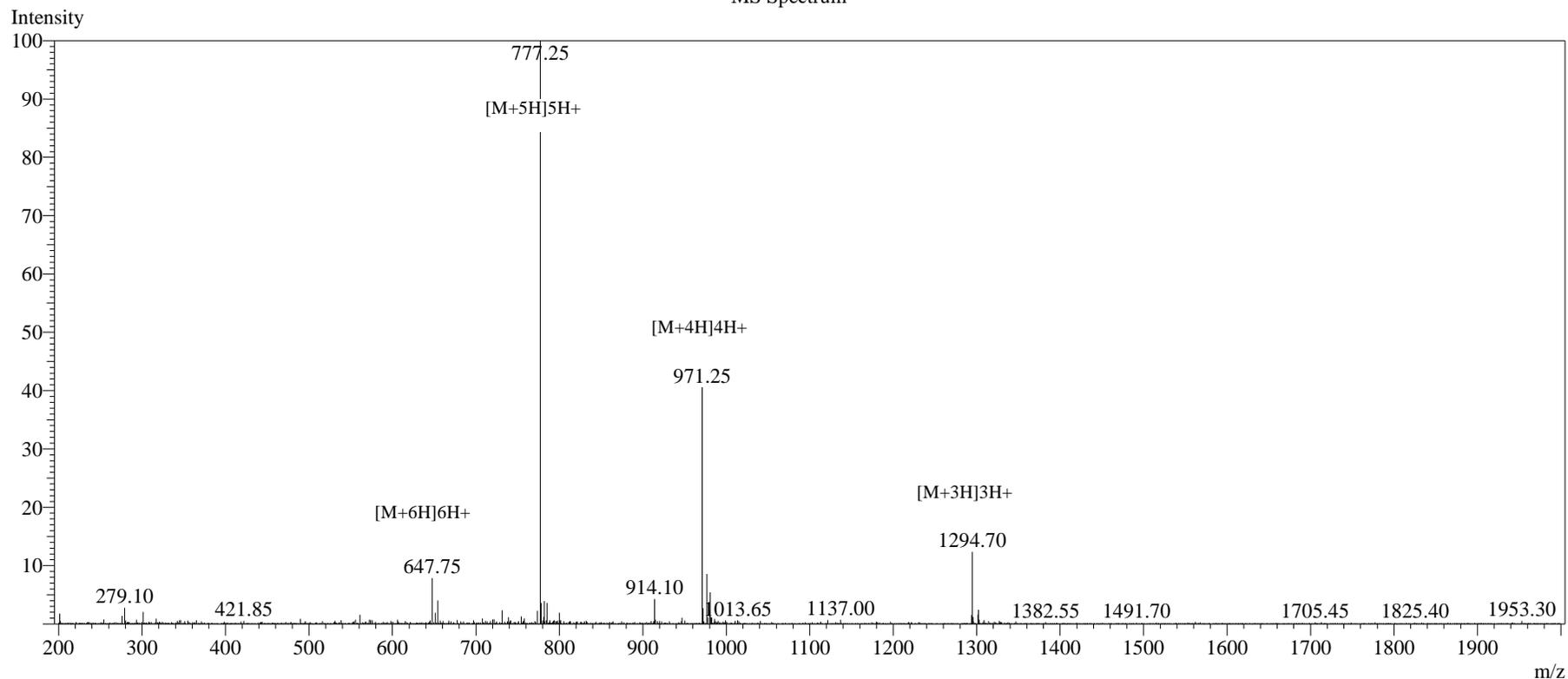


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	7.724	163934	16723	1.214
2	8.233	12846245	872767	95.120
3	8.716	333670	13818	2.471
4	12.429	161517	26200	1.196
Total		13505366	929506	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/03/05 14:47:30	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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Name	:Diazepam binding inhibitor-34 peptide
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Lot.No	:MTFB20521-02-260130
Theoretical	:3880.29
Observed	:3881.25