

CERTIFICATE OF ANALYSIS

Product Name	Transferrin Receptor Targeting Peptide T12 (TfR-T12), Cat.#: 318893
Lot No.	MTFB20478-260119
Sequence	THRPPMWSPVWP
Dissolution condition	100%H ₂ O
Modification	N/A
Molecular Weight (MW)	1490.73
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1491.10	Conforms
Purity by HPLC	>95%	95.613%
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	125mg	5.0mg*25

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:



Jan/21/2026

Quality Assurance Department



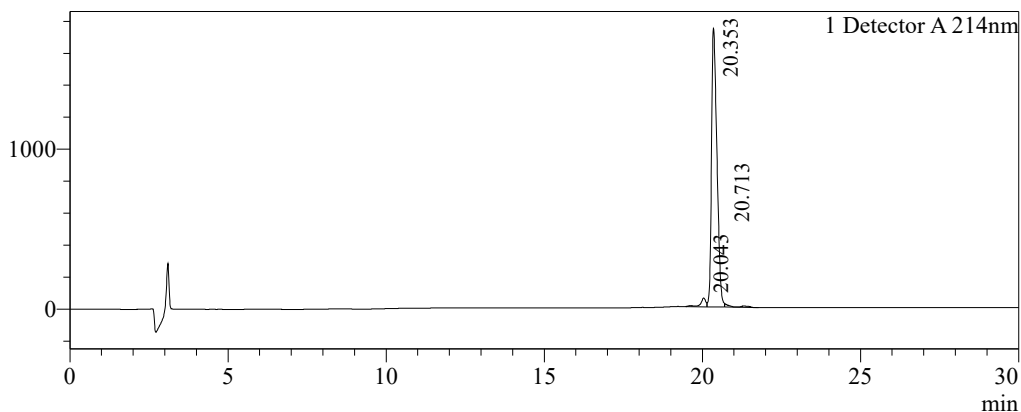
Sample Information

Order ID :MTFB20478
 Name :Transferrin Receptor Targeting Peptide T12 (TfR-T12)
 Sequence :THRPPMWSPVWP
 Lot. No :MTFB20478-260119
 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 : 15ul

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

mV

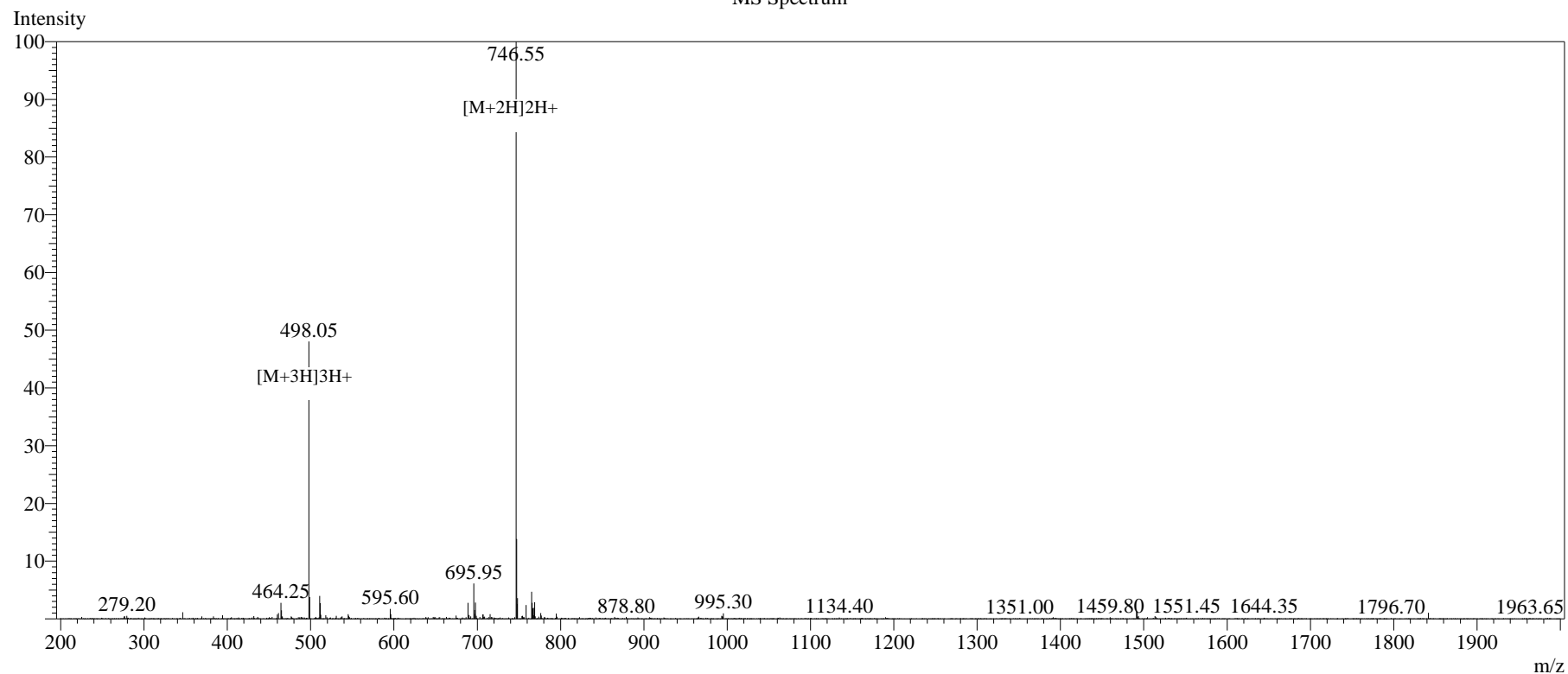


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	20.043	625224	54811	2.878
2	20.353	20770157	1739448	95.613
3	20.713	327826	21510	1.509
Total		21723207	1815769	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/01/19 10:10:23	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	:MTFB20478
Name	:Transferrin Receptor Targeting Peptide T12 (TfR-T12)
Sequence	:THRPPMWSPVWP
Lot.No	:MTFB20478-260119
Theoretical	:1490.73
Observed	:1491.10