
CERTIFICATE OF ANALYSIS

Product Name	TIP peptide, Cat.#: 319055 (TFA removed)
Lot No.	MTFB20738-260414
Sequence	QRAITILDT (Acetate Salt)
Dissolution condition	2%NH3.H2O+18%ACN+80%H2O
Modification	Acetate Salt
Molecular Weight (MW)	1030.18
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1030.40	Conforms
Purity by HPLC	>95%	95.119%
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	20 mg	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:



Apr/16/2026

Quality Assurance Department



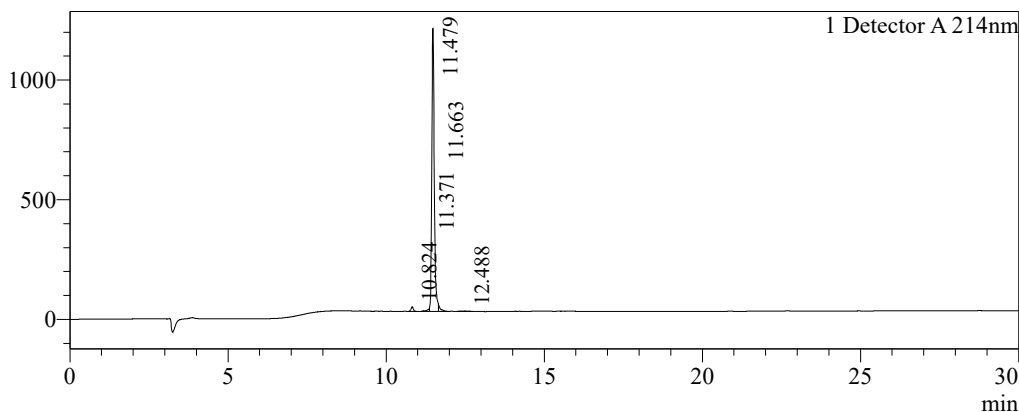
Sample Information

Order ID :MTFB20738
 Name :TIP
 Sequence :QRAITILDT(Acetate Salt)
 Lot. No :MTFB20738-260414
 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 :2%NH3.H2O+18%ACN+80%H2O
 Inj. Volume : 25ul

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

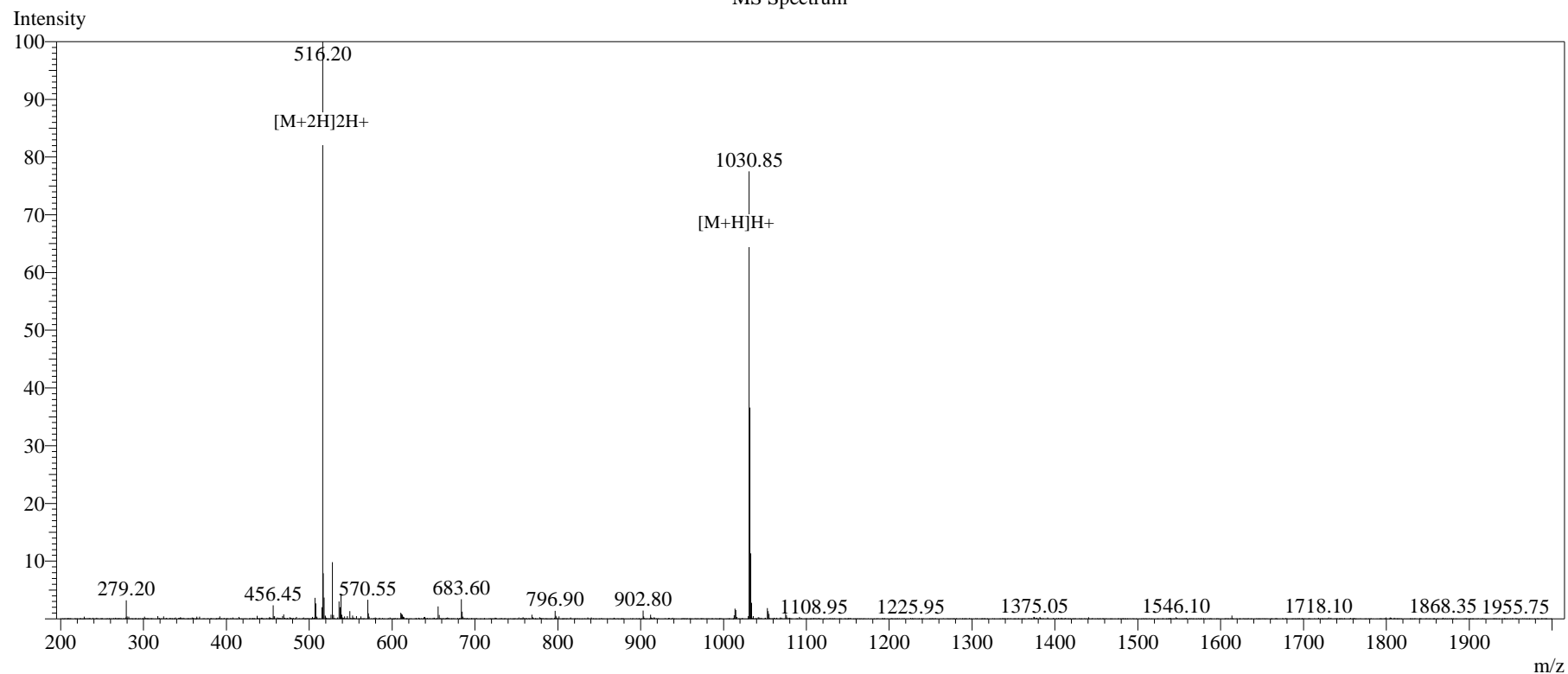


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	10.824	99910	19399	1.479
2	11.371	69043	13324	1.022
3	11.479	6425343	1180946	95.119
4	11.663	125935	28426	1.864
5	12.488	34810	2295	0.515
Total		6755041	1244390	100.000

MS Spectrum



Sample Information

Dissolution method :2%NH₃.H₂O+18%ACN+80%H₂O
 Date Acquired :2026/04/14 16:44:01
 Injection Volume :0.2ul
 Block Temp :200

Interface :ESI
 Nebulizing Gas Flow :1.50L/min
 CDL Temp :250°C
 CDL Volt :0v

Prerod Bias :+4.5kv
 Detector :-0.2kv
 T.Flow :0.2ml/min
 B.conc :50%H₂O/50%MEOH

Order ID :MTFB20738
 Name :TIP
 Sequence :QRAITLDT(Acetate Salt)
 Lot.No :MTFB20738-260414
 Theoretical :1030.18
 Observed :1030.40