
CERTIFICATE OF ANALYSIS

Product Name	MOTS-c, Cat.#: 319017 (TFA removed)
Lot No.	MTFB20914-01-260604
Sequence	MRWQEMGYIFYPRKLR (Acetate Salt)
Dissolution condition	100%H2O
Modification	acetate salt
Molecular Weight (MW)	2174.59
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2175.00	Conforms
Purity by HPLC	>95%	97.511%
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	200.0mg	5.0mg*40

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:



Jun/10/2026

Quality Assurance Department



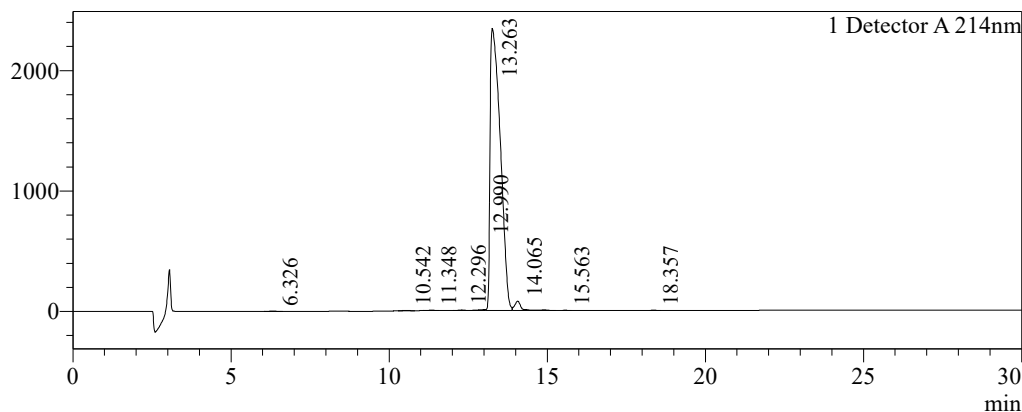
Sample Information

Order ID : MTFB20914-01
 Name : MOTS-c, Cat.#: 319017 (TFA removed)
 Sequence : MRWQEMGYIFYPRKLR (Acetate Salt)
 Lot. No : MTFB20914-01-260604
 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 : 20ul

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

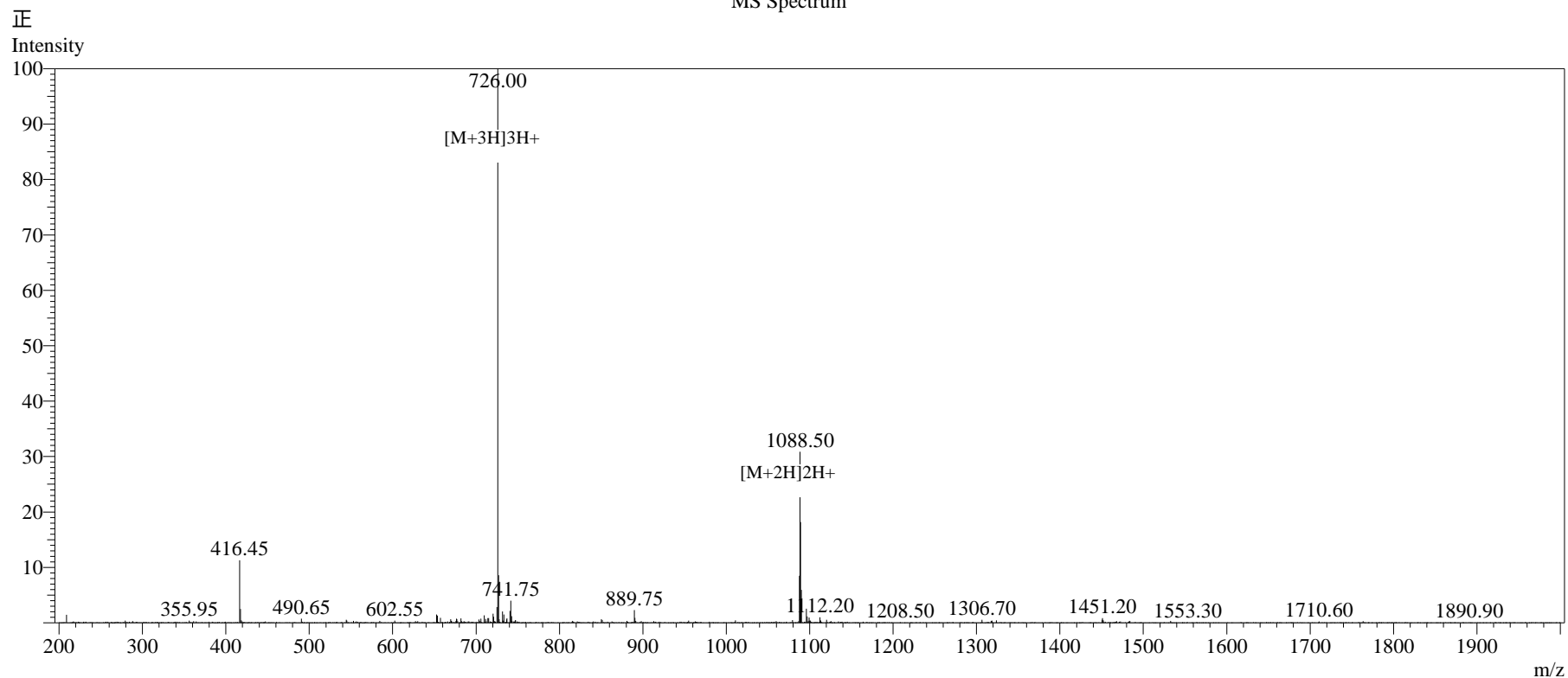


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	6.326	39745	3099	0.074
2	10.542	30493	1953	0.057
3	11.348	37642	2839	0.070
4	12.296	30645	3348	0.057
5	12.990	89104	6229	0.166
6	13.263	52411770	2340152	97.511
7	14.065	1091034	77112	2.030
8	15.563	8445	1149	0.016
9	18.357	10884	1476	0.020
Total		53749763	2437357	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/06/08 10:10:59	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

Order ID	:MTFB20914-01
Name	:MOTS-c, Cat.#: 319017 (TFA removed)
Sequence	:MRWQEMGYIFYPRKLR(Acetate Salt)
Lot.No	:MTFB20914-01-260604
Theoretical	:2174.59
Observed	:2175.00