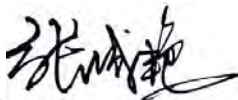

CERTIFICATE OF ANALYSIS

Product Name	Cholecystokinin (26-33), CCK8, Non-Sulfated CCK peptide, Cat.#: 300840
Lot No.	MTFA30287-0717, TFA removed
Sequence	DYMGWMDF-NH2 (Acetate Salt)
Dissolution condition	2%NH3.H2O+18%ACN+80%H2O
Length	8AA
Modification	acetate salt
Molecular Weight (MW)	1063.20
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1062.80	Conforms
Purity by HPLC	>95%	98.214%
Peptide Content	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	10mg	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

July/31/2023

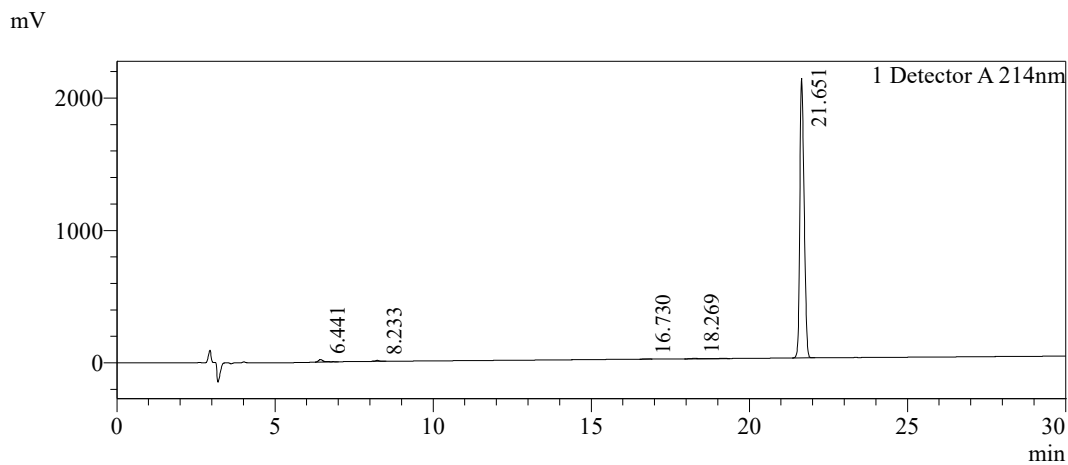


Sample Information

Order ID :MTFA30287
 Name :N/A
 Sequence :DYMGWMDF-NH2 (Acetate Salt)
 Lot. No :MTFA30287-0717
 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 :Shim-pack GIST C18(4.6*250mm*5um)
 Dissolution method :2%NH3.H2O+18%ACN+80%H2O
 Inj. Volume : 30ul

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

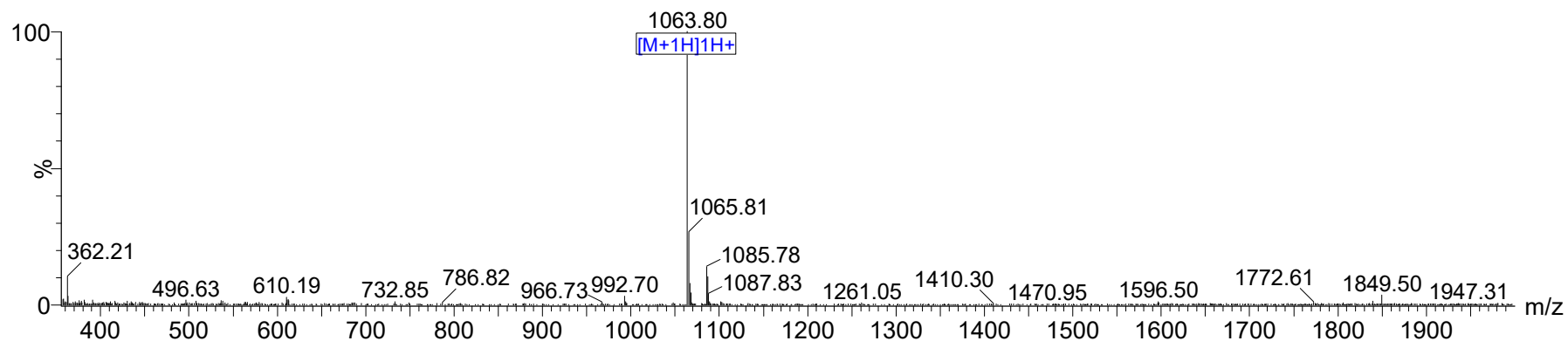


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	6.441	210676	18851	1.034
2	8.233	54306	7061	0.266
3	16.730	19347	1658	0.095
4	18.269	79718	3549	0.391
5	21.651	20016087	2112859	98.214
Total		20380134	2143976	100.000

MS Spectrum

 Positive
Intensity


Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:7/29/2023 12:37:04	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50%H2O/50%MEOH

Order ID	: MTF A30287
Name	: N/A
Sequence	: DYMGWMDF-NH2 (Acetate Salt)
Lot.No	: MTF A30287-0717
Theoretical	: 1063.20
Observed	: 1062.80