

---

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Competence-stimulating, Cat.#: 311414 (TFA removed)
<b>Lot No.</b>	MTFB20509-260128
<b>Sequence</b>	SGSLSTFFRLFNRSFTQALGK (Acetate Salt)
<b>Dissolution condition</b>	100%H2O
<b>Modification</b>	acetate salt
<b>Molecular Weight (MW)</b>	2364.64
<b>Storage</b>	-20°C

---

Test Items	Specifications	Results
<b>MW by MS</b>	2365.50	Conforms
<b>Purity by HPLC</b>	>95%	99.595%
<b>Endotoxin Content</b>	N/A	N/A
<b>TFA solubility</b>	N/A	N/A
<b>Moisture content</b>	N/A	N/A
<b>Acetic acid content</b>	N/A	N/A
<b>Appearance</b>	White to off-white lyophilized powder	Conforms
<b>Quantity</b>	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:



Quality Assurance Department

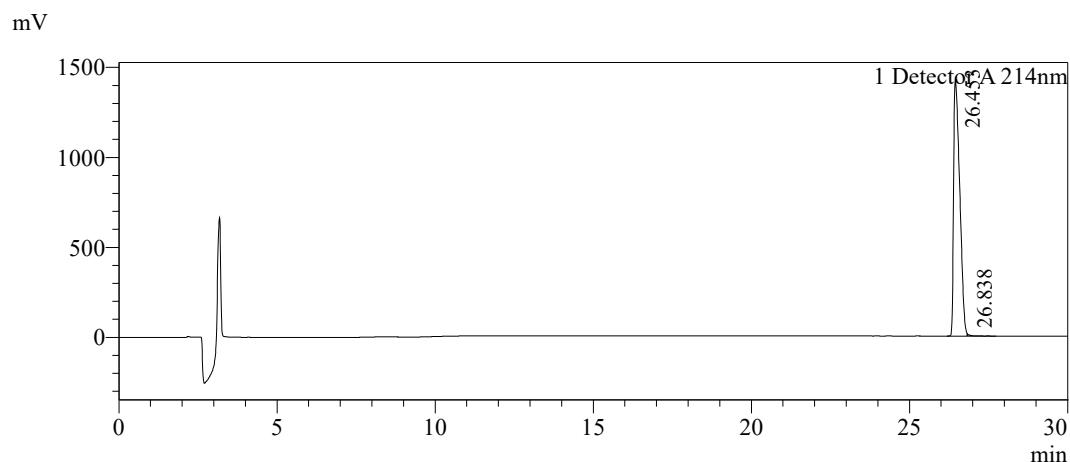
Feb/03/2026



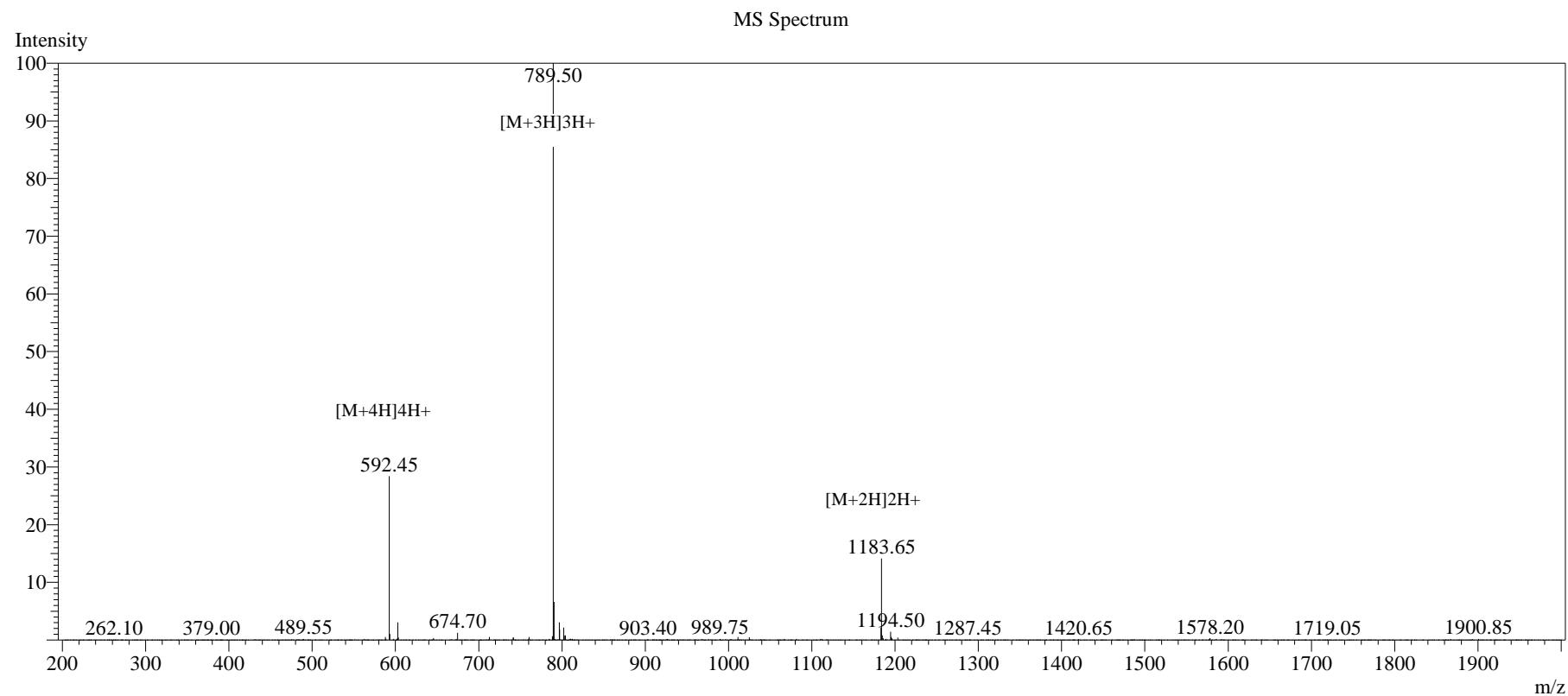
---

**Sample Information**

Order ID	:MTFB20509		
Name	:Competence-stimulating		
Sequence	:SGSLSTFFRLFNRSFTQALGK (Acetate Salt)		
Lot. No	:MTFB20509-260128		
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	: 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	26.453	19241641	1425674	99.595
2	26.838	78338	11903	0.405
Total		19319979	1437577	100.000



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/02/02 10:26:51	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%H2O/50%MEOH

Order ID	:MTFB20509
Name	:Competence-stimulating
Sequence	:SGSLSTFFRLFNRSFTQALGK (Acetate Salt)
Lot.No	:MTFB20509-260128
Theoretical	:2364.64
Observed	:2365.50