

## Certificate of Analysis

**Catalog No:** S-CP-N1668  
**Product Name:** N/A  
**Seq:** KYYGNGVTSGKHSSVDWGKATTSIINNGAMAWATGGHQGNHKS  
**Modification:** N/A  
**Length:** 44AA  
**Solvent(1mg/mL)\*** Ultrapure water  
**Storage:** -20 °C  
**Comments:** TFA salt

Item	Specifications	Result
Molecular Weight:	Theoretical MW: 4563.91	Consistent
HPLC Purity:	≥95%	97.2%
Appearance:	White lyophilized powder	Conforms
Weight:	4mg	4mg

Operator *Tingting Liu* Checker *zhixianglin* Auditor *Brainity*

**Quality Control Approved**

**Date: 2023.3.17**

\*Note: 1mg polypeptide can be completely dissolved in 1mL recommended solvent. For further requirements on peptide dissolving conditions, please select 'Peptide Solubility Test Service'.

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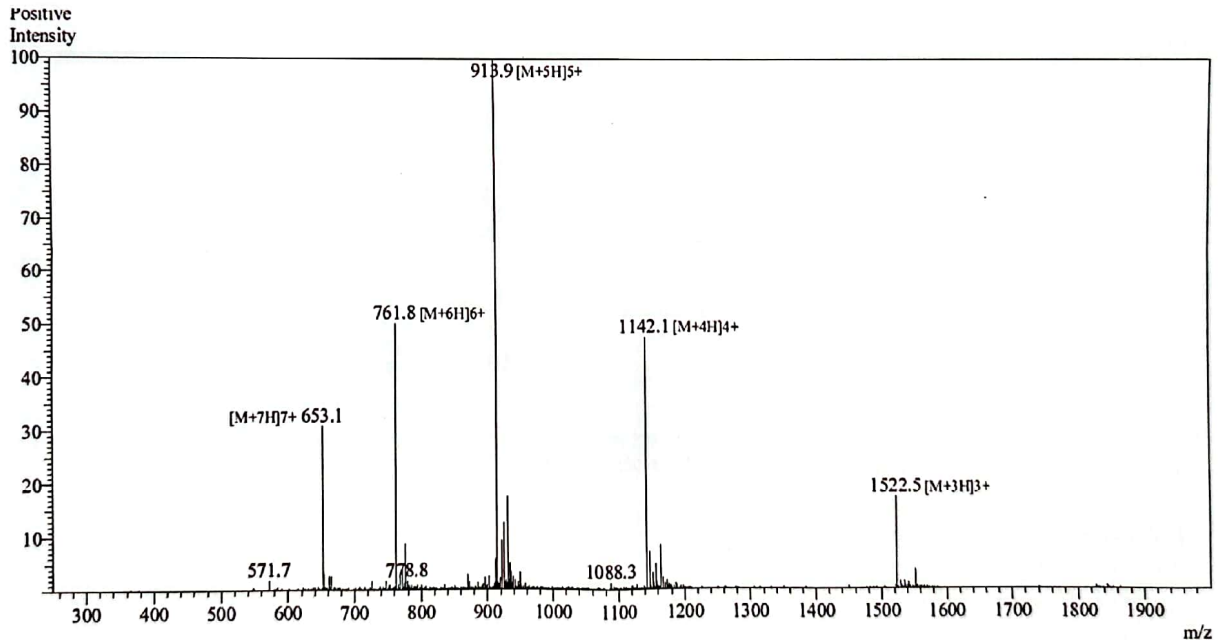
## Mass Information

Sample ID : S-CP-N1668  
Sample Name: N/A  
Injection Volume: 0.1µL  
Theoretical Mw: 4563.91  
Observed Mw: 4564.5

Interface: ESI  
Nebulizing Gas Flow: 1.5L/min  
CDL Temp: 250  
Block Temp: 200

Equipment: GK11010007  
Interface Bias: +4.5kv  
Total Flow: 0.2 mL/min  
B.conc 50%H<sub>2</sub>O/50%MeOH

## Mass Spectrum



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## HPLC Information

Analytical Column Type: Inertsil ODS-SP(4.6\*250mm)

Wavelength: 220nm

Total Flow: 1 mL/min

Procedure Time: 35.01min

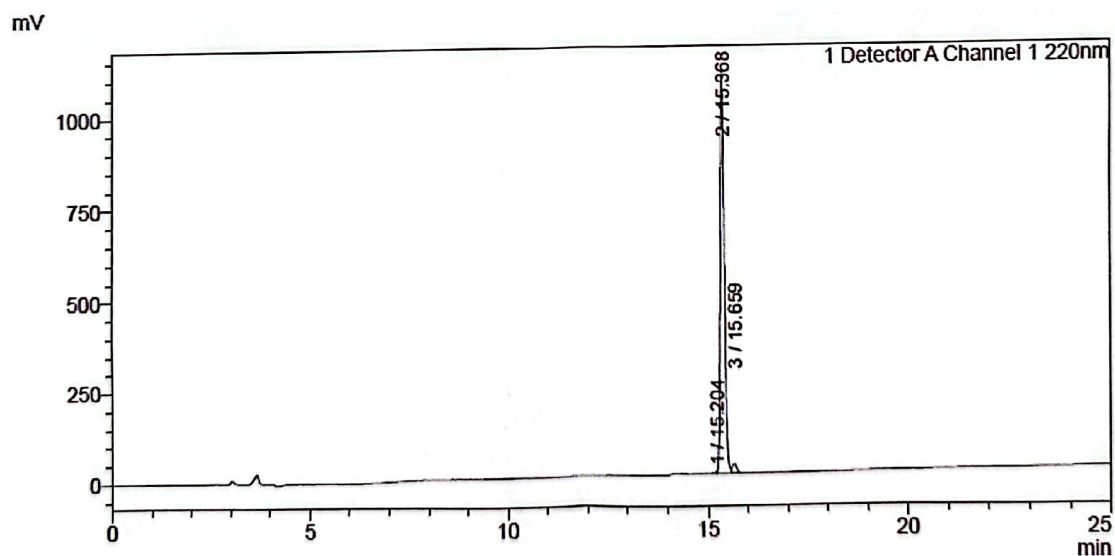
Buffer A Composition: 0.065%Trifluoroacetic in 100% water

Buffer B Composition: 0.05%Trifluoroacetic in 100% acetonitrile

Gradient Program:

Time (min)	% Buffer A	% Buffer B
0.01	5	95
25.00	65	35
25.01	95	5
27.00	95	5
27.01	5	95
35.00	5	95
35.01	Stop	

## Chromatogram



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## Peak Table

Detector A 220 nm

Peak#	Ret. Time	Area	Height	Area%
1	15.204	14317	3557	0.183
2	15.368	7601740	1097008	97.169
3	15.659	207159	26151	2.648
Total		7823216	1126716	100.000

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