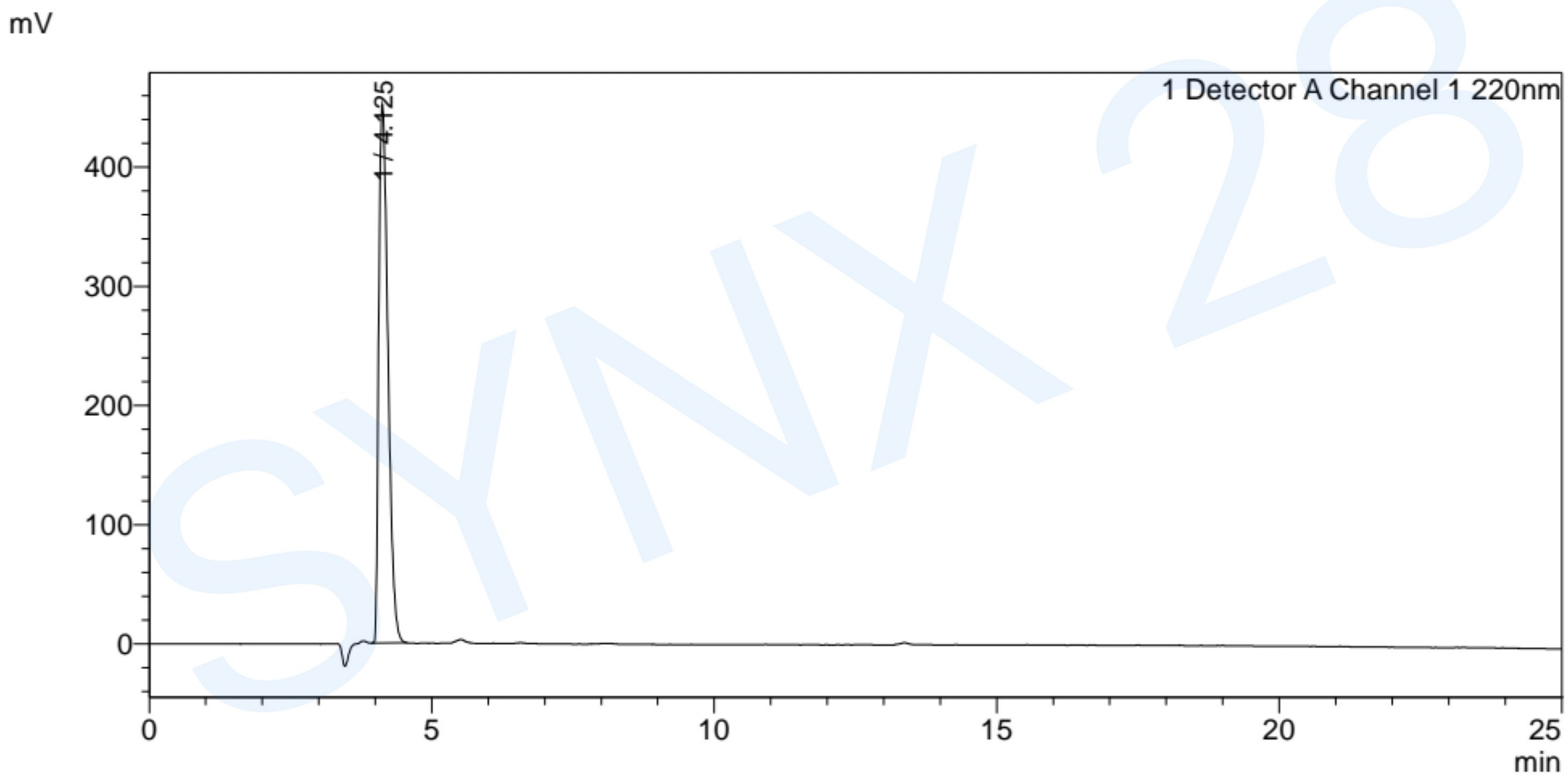
Sample Name: Lysine-Proline-Valine 10mg
Sample ID : SYNX28
Time Processed: 17:49:38
Month-Day-Year Processed :05/28/2026

Pump A : 0.065% trifluoroacetic in 100% water (v/v)
Pump B : 0.05% trifluoroacetic in 100% acetonitrile (v/v)
Total Flow:1 ml/min
Wavelength:220 nm
<<LC Time Program>>

Time	Module	Command	Value
0.01	Pumps	B.Conc	5
25.00	Pumps	B.Conc	65
25.01	Pumps	B.Conc	95
27.00	Pumps	B.Conc	95
27.01	Pumps	B.Conc	5
35.00	Pumps	B.Conc	5
35.01	Controller	Stop	

<<Column Performance>>
<Detector A>
Column : Inertsil ODS-SP 4.6 x 250 mm
Equipment:ZJ19010014

<Chromatogram>



<Peak Table>

Detector A Channel 1 220nm

Peak#	Ret. Time	Area	Height	Area%
1	4.125	5125223	452210	100.000
Total		5125223	452210	100.000

SYNX 28

Confidential and Privileged

Peptide Content Report

Sample Name:Lysine-Proline-Valine 10mg

Sample ID:SYNX 28
Date Processed(MM/DD/YYYY):05/30/2026
Instrument: Thermo Fisher Flash Smart Elemental Analyzer

Result of detecting

Times	N/%
Avg.	3.83

Calculation Method:

The net peptide content/%=N/%*MW(peptide)/(n*MW(nitrogen))

N/%:Nitrogen content determined by elemental analysis;
MW(peptide): Theoretical Molecular Weight;
n: The number of nitrogen element;
MW (nitrogen): atomic weight(nitrogen);

Result of analyzing

Times	N/%	The net peptide content/ %
Avg.	3.83	(3.83*342.43)/(4*14)=23.42
Avg.	The net peptide content/ %=23.42	

Gross Weight:62mg
Net Weight:62*23.42=14.5mg

SYNX 28

The Qualitative Detection of Endotoxin

Sample Name : Lysine–Proline–Valine 10mg

Sample ID: SYNX 28

Da te Processed{MM/ DD/YYYY) :05/31/2026

{Sample ID final concentration 1 mg/ml)

LAL sensitivity: 0.06EU/ml

Sample Endotoxin level:

1. The endotoxin level in sample was detected using Horseshoe Crab Rea gent, the phenomenon is listed as followed:

Table 1:

Inspection tube	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml Detection solution	Parallel	
		1	2
Sample	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml Sample solution	-	-
Sample positive control	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml 2 λSample positive solution	+	+
Positive control	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml positive solution	+	+
Negative control	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml LAL Reagent Water	-	-

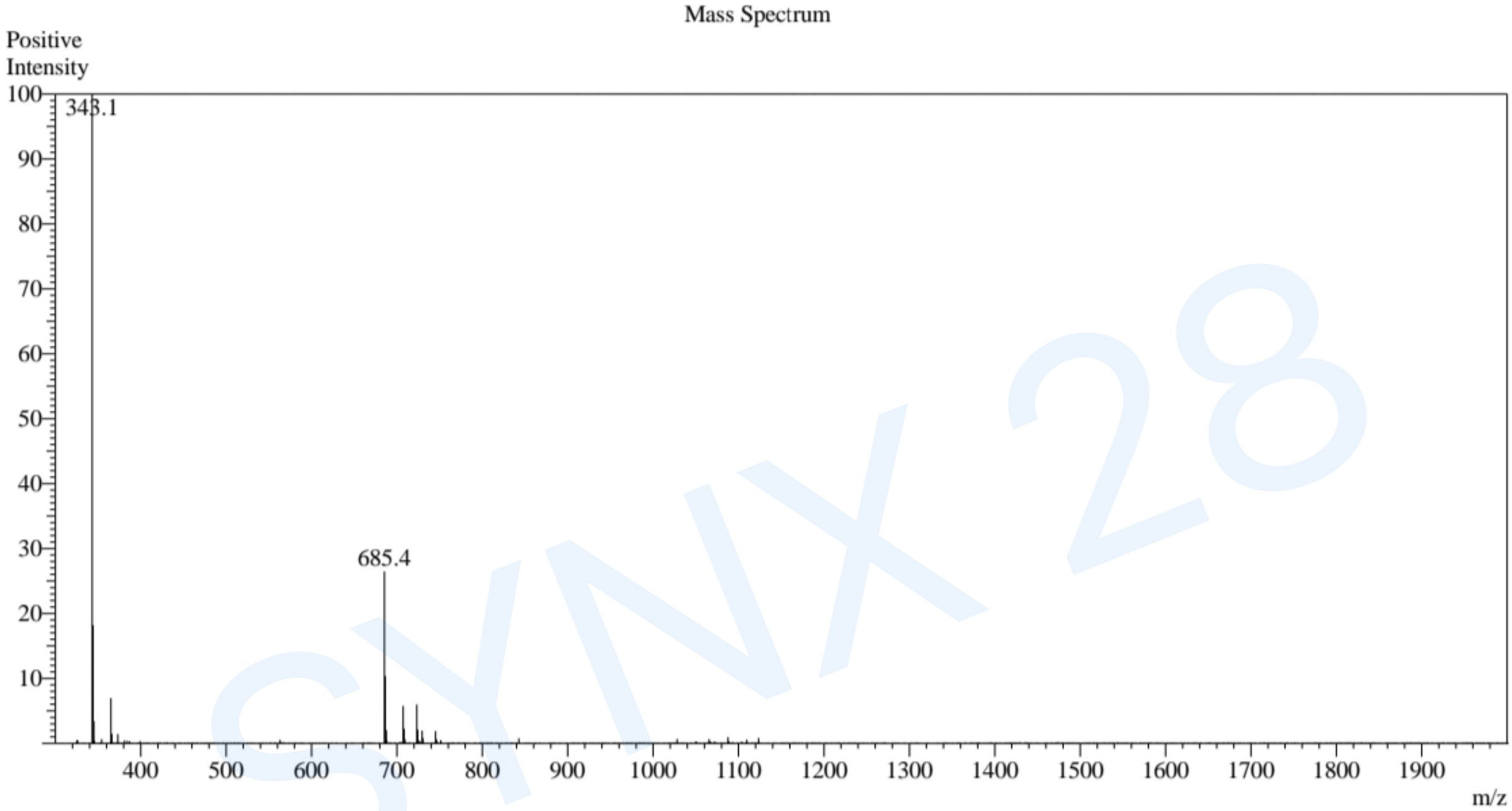
Note: The test result is positive which expressed by"+", and negative is expressed by"—".

2. Result:

The endotoxin level in sample is: <0.06EU/mg

SYNX 28

Mass Spectrum



Sample Information

Month-Day Processed :	05/28/26
Time Processed :	22:18:14
Injection Volume :	0.4
Sample Name :	Lysine-Proline-Valine 10mg
Sample ID :	SYN28
Theoretical MW :	342.23
Observed MW :	343.1

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

Equipment	: ZJ17010408
Interface Bias	: +4.5 kV
Drying Gas Flow	:5 L/min
T.Flow	:0.2 ml/min
B.conc	:50%H2O/50%MeOH

SYN 28