

Sample Name:TR15
Time Processed: 20:32:56
Month-Day-Year Processed :05/13/2026

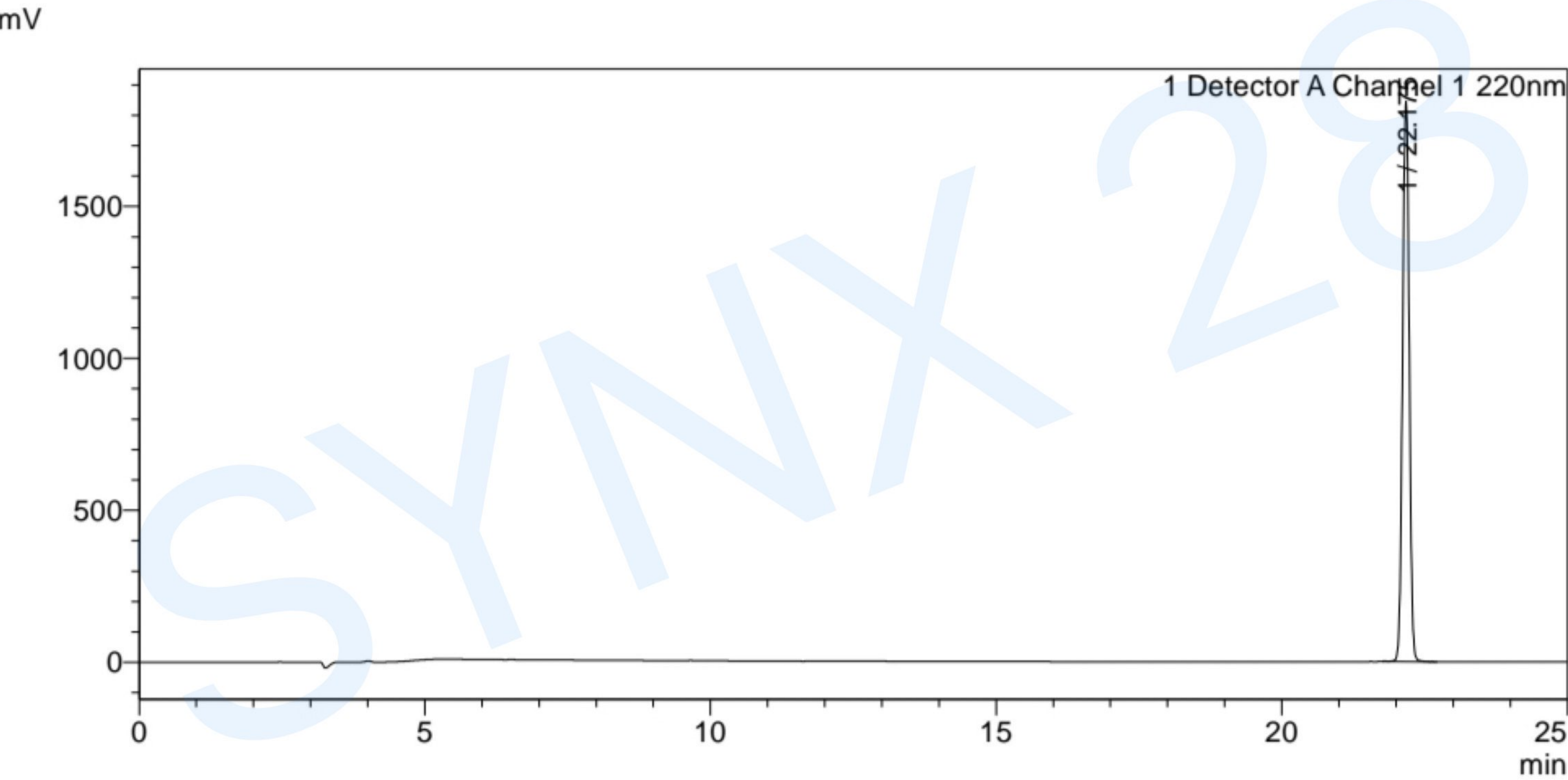
Pump A : 0.065% trifluoroacetic in 100% water (v/v)
Pump B : 0.05% trifluoroacetic in 100% acetonitrile (v/v)
Total Flow:1 ml/min
Wavelength:220 nm

<<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	22.175	15005274	1845288	100.000
Total		15005274	1845288	100.000

Confidential and Privileged

Peptide Content Report

Sample Name:TR15

Sample ID:01

Date Processed(MM/DD/YYYY):05/15/2026

Instrument: Thermo Fisher Flash Smart Elemental Analyzer

Result of detecting

Times	N/%
Avg.	3.22

Calculation Method:

The net peptide content/%= $N/\% \times MW(\text{peptide}) / (n \times MW(\text{nitrogen}))$

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.	3.22	$(3.22 \times 4813.45) / (48 \times 14) = 23.06$
Avg.	The net peptide content/ %=23.06	

Gross Weight:71mg

Net Weight: $71 \times 23.06 = 16.37\text{mg}$

The Qualitative Detection of Endotoxin

Sample Name :TR15

Sample ID :

Date Processed(MM/DD/YYYY) :05/15/2026

(Sample ID final concentration 1 mg/ml)

LAL sensitivity: 0.5 EU/ml

Sample Endotoxin level:

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

Table 1:

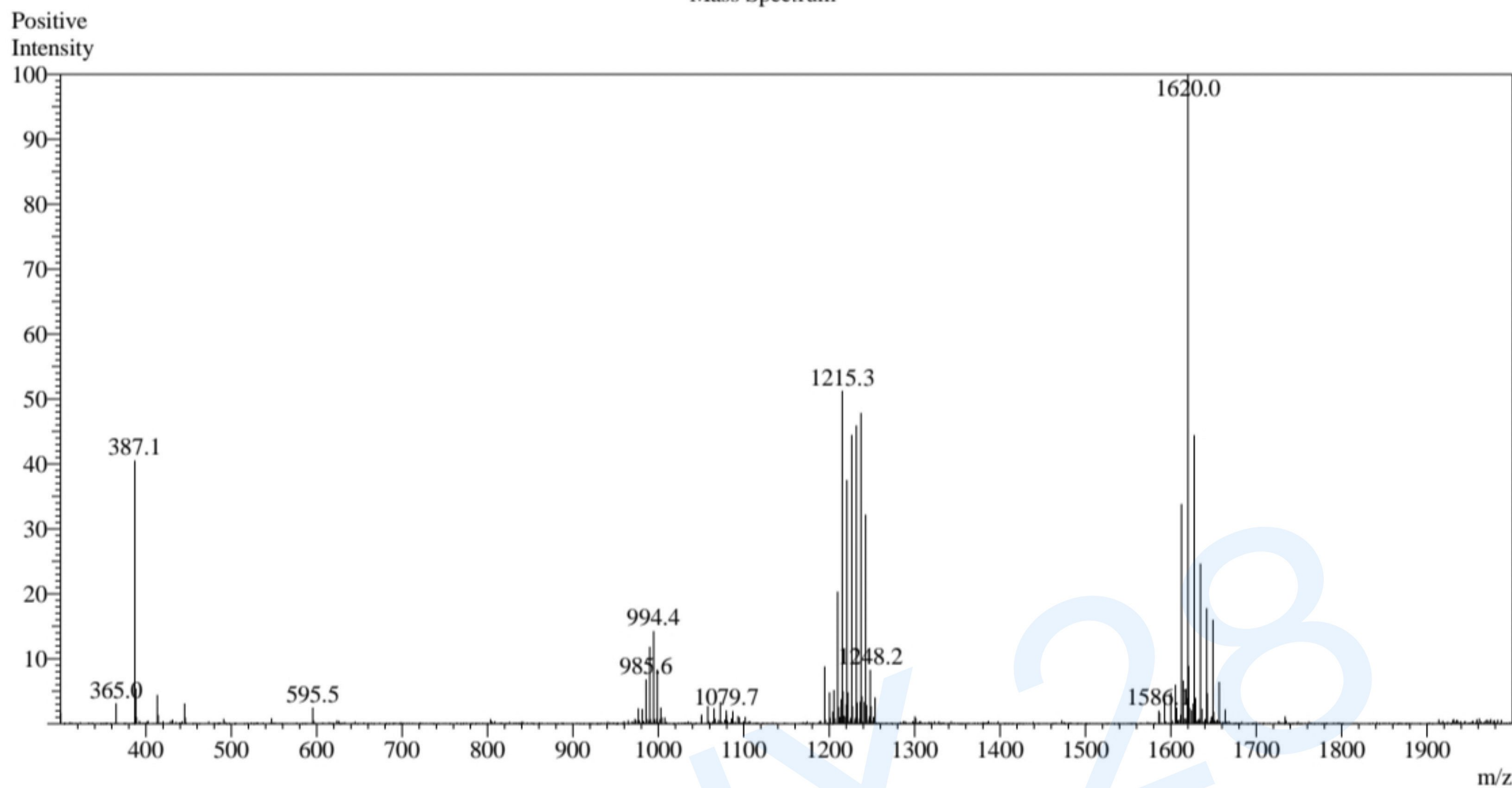
Inspection tube	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml Detection solution	Parallel	
		1	2
Sample	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml Sample solution	-	-
Sample positive control	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml 2 xSample positive solution	+	+
Positive control	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml 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: <0.5EU/mg

Mass Spectrum



Sample Information

Month-Day Processed : 05/13/26
Time Processed : 21:58:28
Injection Volume : 0.8
Sample Name : TR15
Sample ID :
Theoretical MW : 4813.45
Observed MW : 4857.00

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