Confidential and Privileged

Peptide Content Report

Sample Name:Epithalon 10mg

Sample ID: SYNX 28
Date Processed(MM/DD/YYYY):05/31/2026
Instrument: Thermo Fisher Flash Smart Elemental Analyzer

Result of detecting

Times	N/%
Avg.	2.57

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.	2.57	(2.57*390.35)/(4*14)=17.91
Avg.	The net peptide content/ %=17.91	

Gross Weight:64mg
Net Weight:64*17.91=11.5mg

SYNX 28

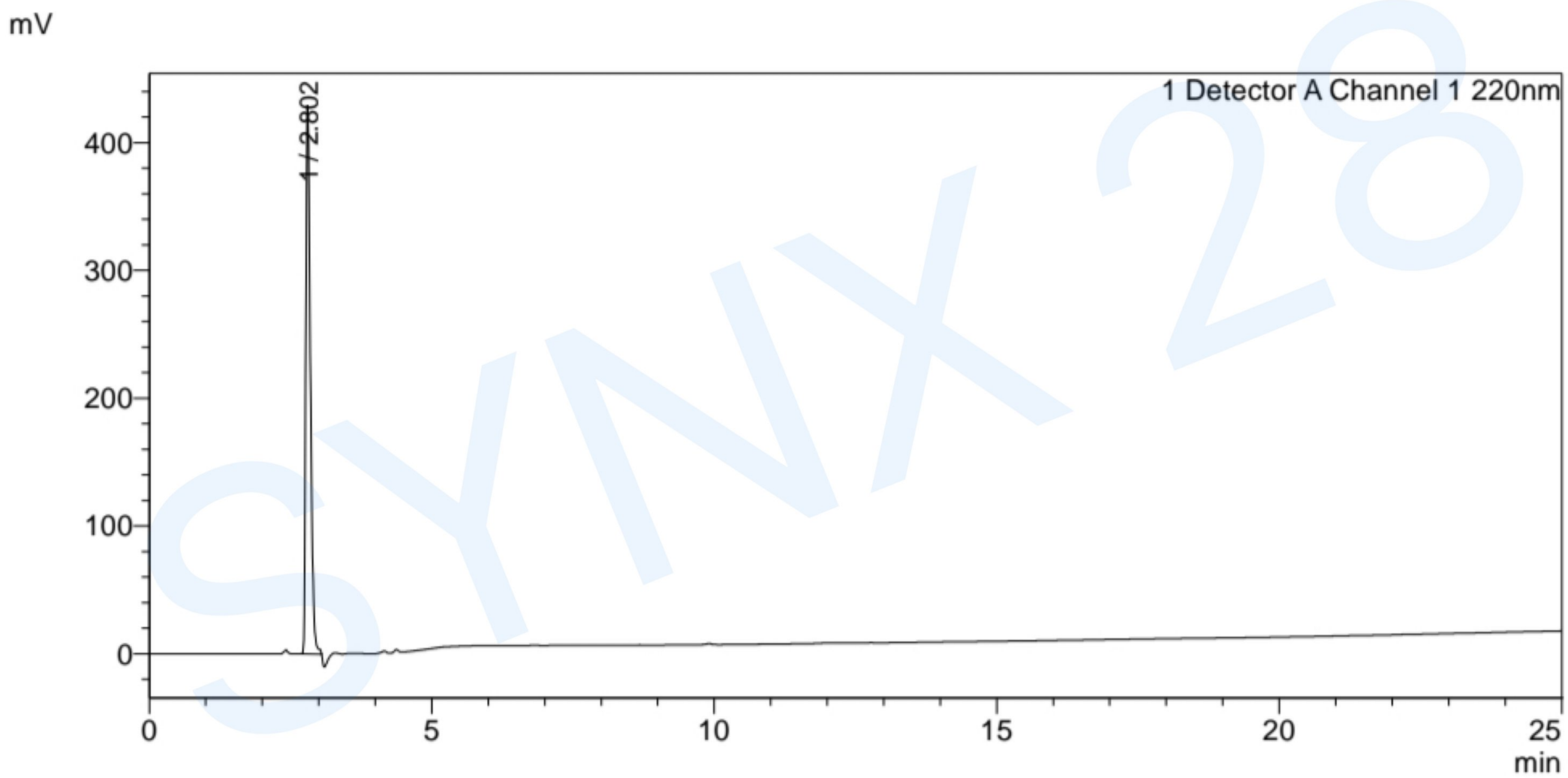
Sample Name:Epithalon 10mg
Sample ID : SYNX 28
Time Processed: 10:05:49
Month-Day-Year Processed :05/31/2026

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
35.00	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	2.802	2445027	429662	100.000
Total		2445027	429662	100.000

SYNX 28

The Qualitative Detection of Endotoxin

Sample Name : Epithalon 10mg

Sample ID: SYNX 28

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

{Sample ID final concentration 1 mg/ml)

LAL sensitivity: 0.02EU/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	-	-

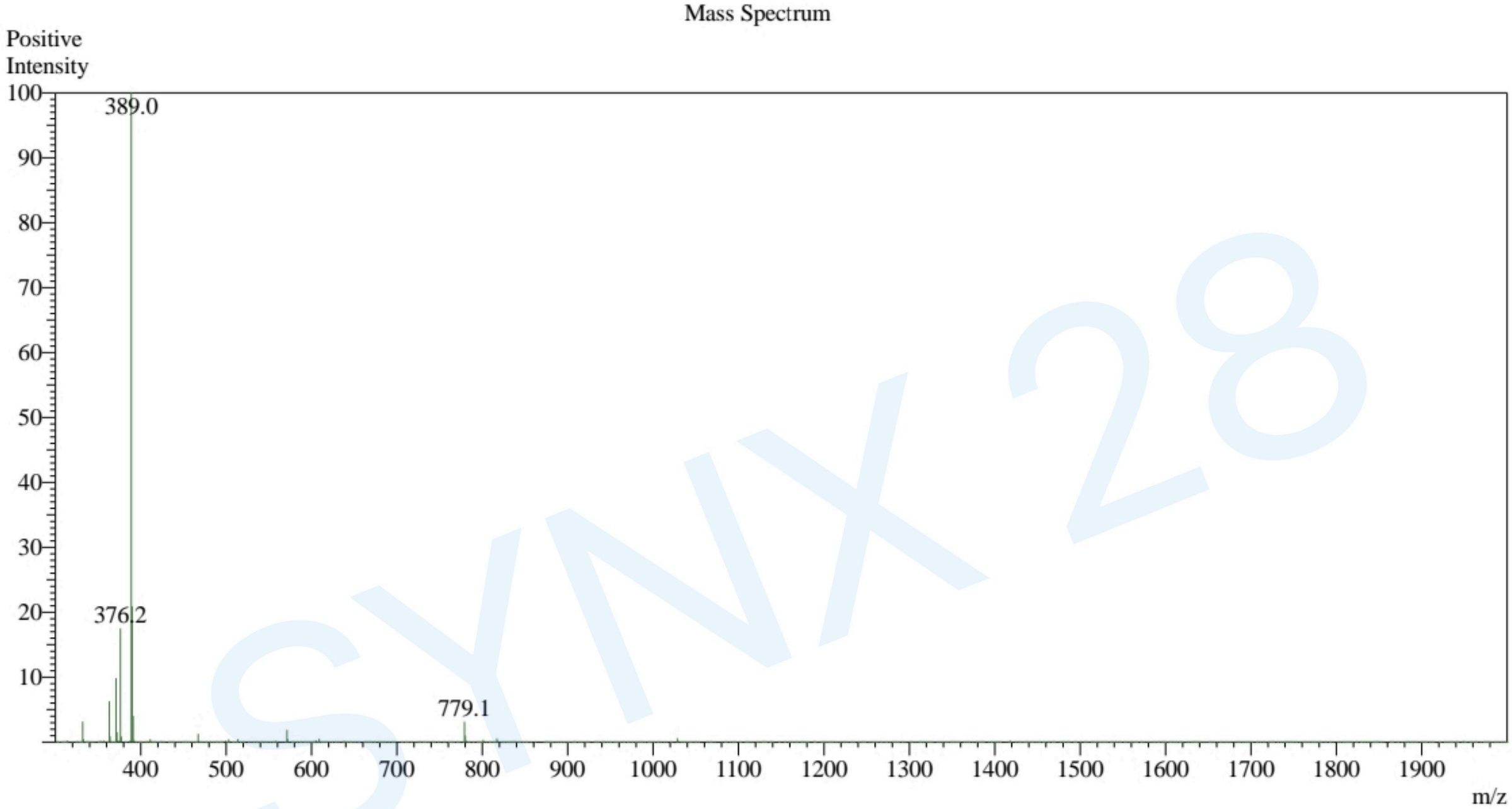
Note: The test result is positive which expressed by"+", and negative is expressed by"—".

2. Result:

The endotoxin level in sample is: <0.02EU/mg

SYNX 28

Mass Spectrum



SYNX 28

Sample Information

Month-Day Processed :	06/01/26
Time Processed :	10:13:14
Injection Volume :	0.4
Sample Name :	Epithalon 10mg
Sample ID :	SYNX 28
Theoretical MW :	390.35
Observed MW :	389.0

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