

Sample Name: MS10
Sample ID :
Time Processed: 15:05:11
Month-Day-Year Processed :04/21/2026

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	

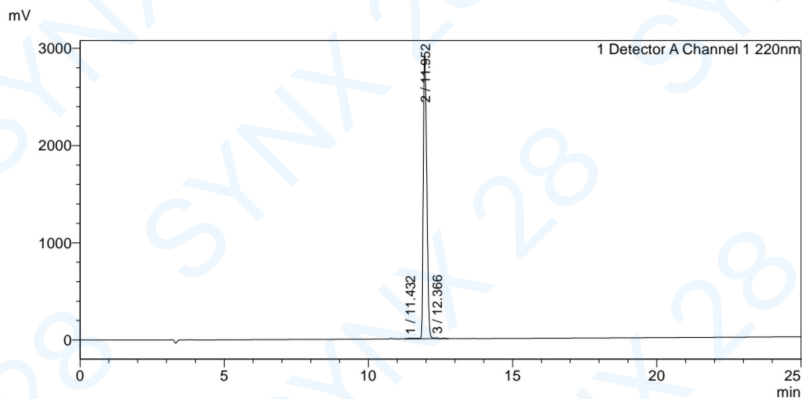
<<Column Performance>>

<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	11.432	112809	7791	0.450
2	11.952	24877148	2902478	99.135
3	12.366	104212	8355	0.415
Total		25094169	2918624	100.000

Peptide Content Report

Sample Name:02
Sample ID:MS10
Date Processed(MM/DD/YYYY):04/21/2026
Instrument: Thermo Fisher Flash Smart Elemental Analyzer

Result of detecting

Times	N/%
Avg.	4.03

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.	4.03	$(4.03 \times 2174.62) / (28 \times 14) = 22.36$
Avg.	The net peptide content/ %=22.36	

The Qualitative Detection of Endotoxin

Sample Name : MS10

Sample ID :

Date Processed(MM/DD/YYYY) :04/22/2026
(Sample ID final concentration 1 mg/ml)

LAL sensitivity: 0.02 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 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	-	-

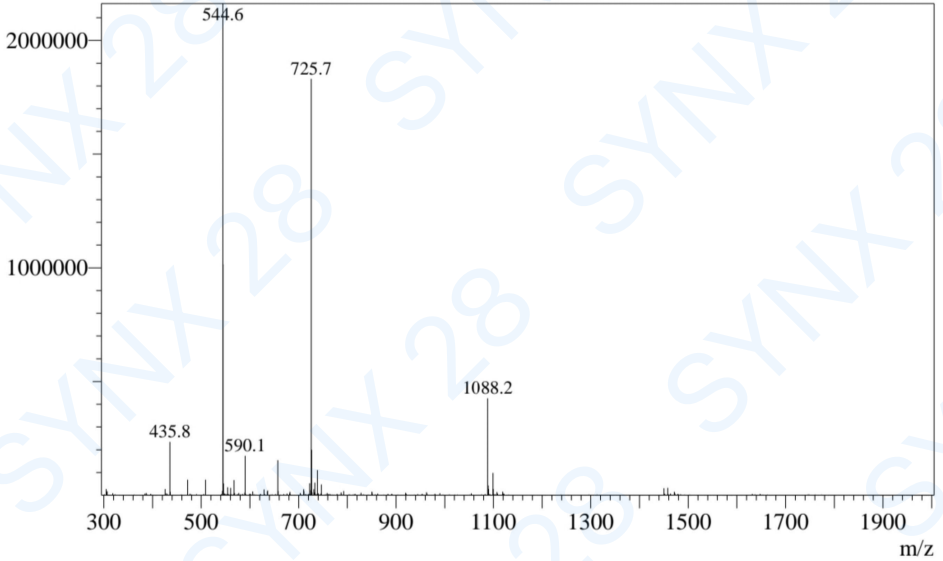
Note: The test result is positive which expressed by "+", and negative is expressed by "-".

2. Result:

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

MS Spectrum

Positive
Intensity



Date Acquired : 2026-04-21 12:40:07
Sample Name :
Sample ID : MS10