

CERTIFICATE OF ANALYSIS

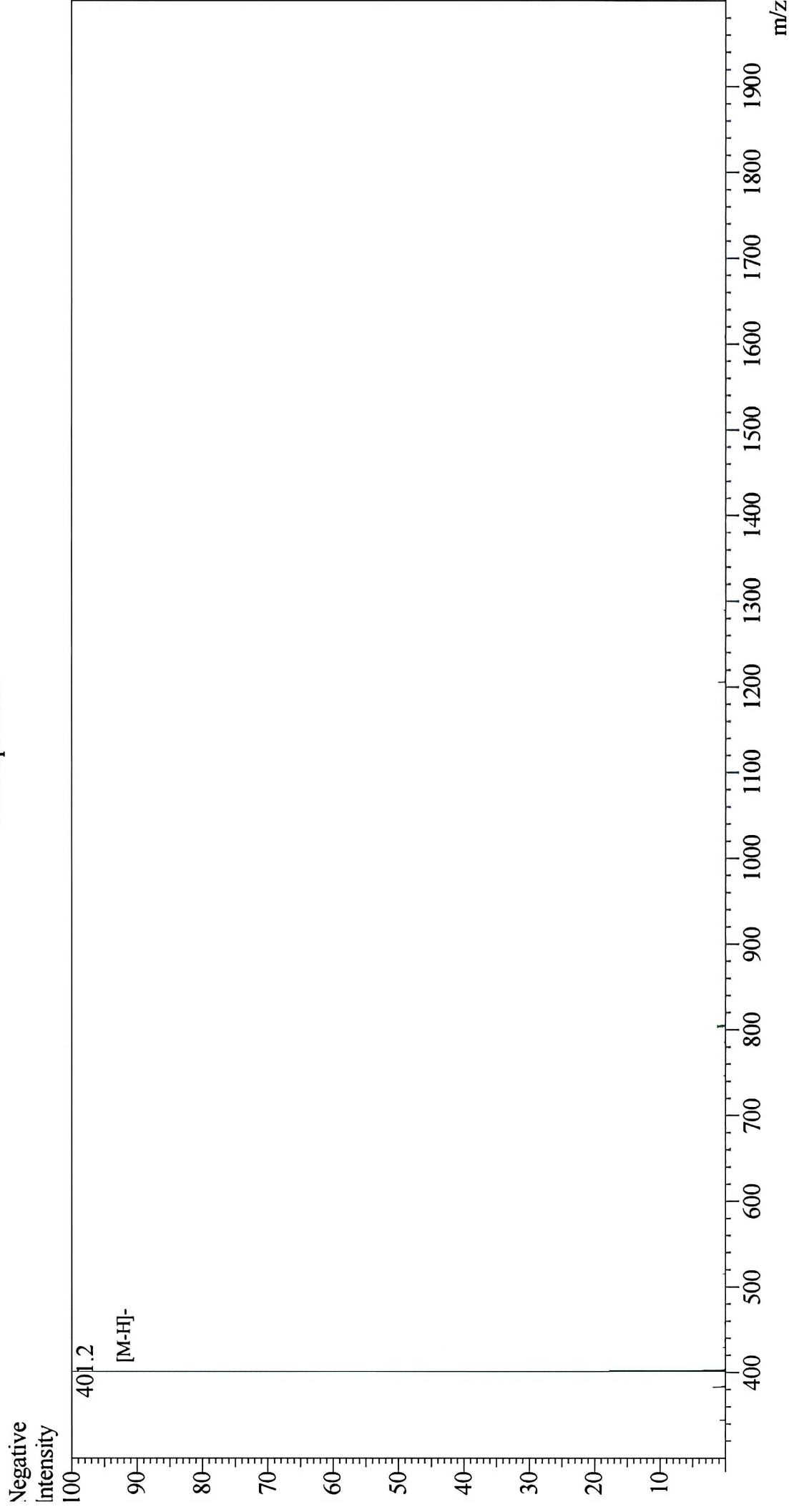
Product Name	:CU50
Order ID	:N/A
Sequence	:N/A
Lot No.	:N/A
Length	:/AA
Storage	:Keep in dark and cool dry place (-20°C)
Recommended Dissolution Condition	:1mg/ml 100%H ₂ O
Salt content type	:/salt

Test Items	Specifications	Results
Molecular Weight	Theoretical MW:/	Consistent
HPLC purity	98%	99.20%
Appearance	Blue lyophilized powder	Conforms
Quantity	≥47.5mg	54.36mg

Tested by	(Miss.XieYuJing, QC)	Date:2026/06/27
Released by	(Miss.ZhangBo,QCTL)	Date:2026/06/27

Note: this product is intended for research use only; not for diagnostic or human use.The net peptide content stated in this report is determined via nitrogen quantification using an elemental analyzer.

Mass Spectrum



Sample Information
Month-Day Processed : 06/27/2026
Time Processed : 20:18:28
Injection Volume : 0.2
Sample Name : CU50
Sample ID :
Theoretical MW : 402.92
Observed MW : 402.2

Interface : ESI
Nebulizing Gas Flow : 1.5 L/min
CDL Temp : 250
Block Temp : 200
Equipment : ZI22010150
Interface Bias : -3.5 kV
Drying Gas Flow : 5 L/min
T.Flow : 0.2 ml/min
B.conc : 50% H₂O/50% MeOH

Sample Name: CU50
Sample ID :
Time Processed: 22:03:31
Month-Day-Year Processed :06/27/2026

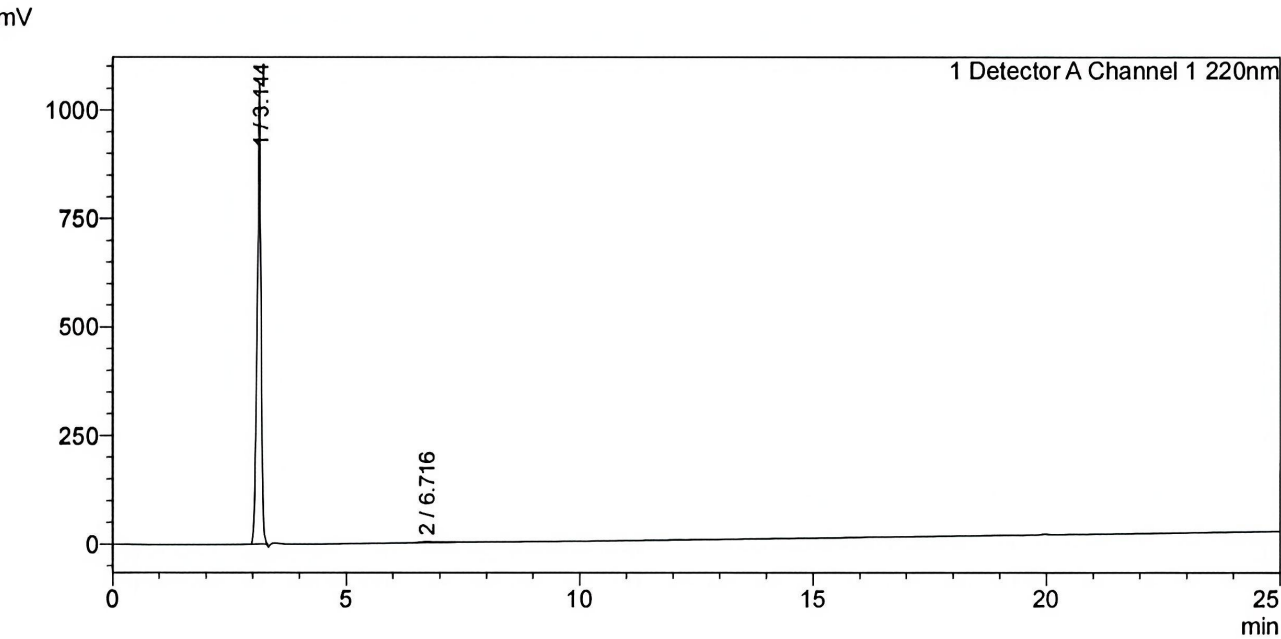
Pump A : 0.065% trifluoroacetic in 100% water (v/v)
Pump B : 0.05% trifluoroacetic in 100% acetonitrile (v/v)
Total Flow:1 ml/min
Wavelength:220 nm

<<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	3.144	6392931	1061772	99.195
2	6.716	51908	2499	0.805
Total		6444839	1064270	100.000

The Qualitative Detection of Endotoxin

Sample Name : CU50

Sample ID:

Date Processed{MM/ DD/YYYY} :06/27/2026

{Sample ID final concentration 1 mg/ml}

LAL sensitivity: 0.03EU/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: <0.03EU/mg