

TEST REPORT / 检测报告

Client:
Luna

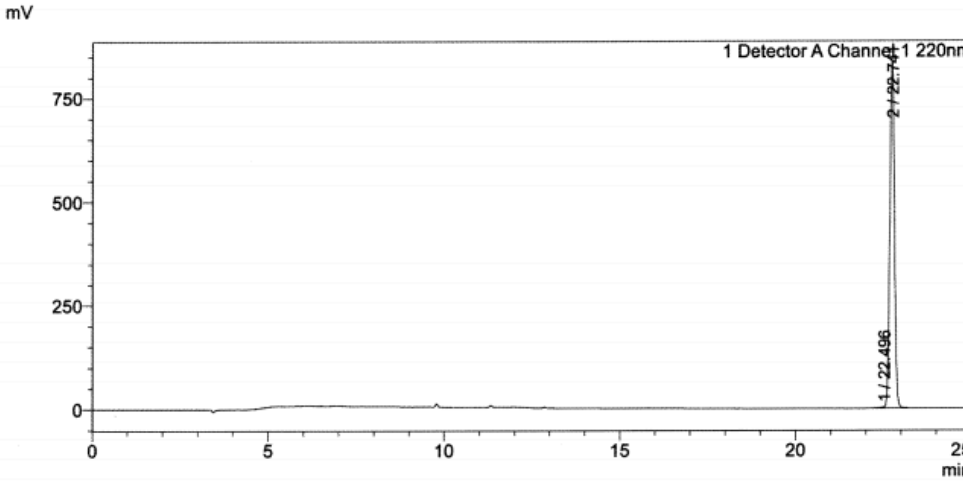
SAMPLE INFORMATION / 样品信息

Sample / 样品:	BC10	Lot Number / 批号:	20260725
Appearance / 外观:	White Powder	Matrix / 基质:	Lyophilized
Received / 收样:	2026-07-25	Analysis / 报告:	2026-07-27

TEST RESULTS / 检测结果

Test Items 检测项目	Specification 指标要求	Result 检测结果
Peptide Purity (HPLC) 多肽纯度	$\geq 98.0\%$	99.79%
Endotoxin 内毒素	≤ 0.02 EU/mg	<0.03EU/mg

HPLC CHROMATOGRAM / 高效液相色谱图

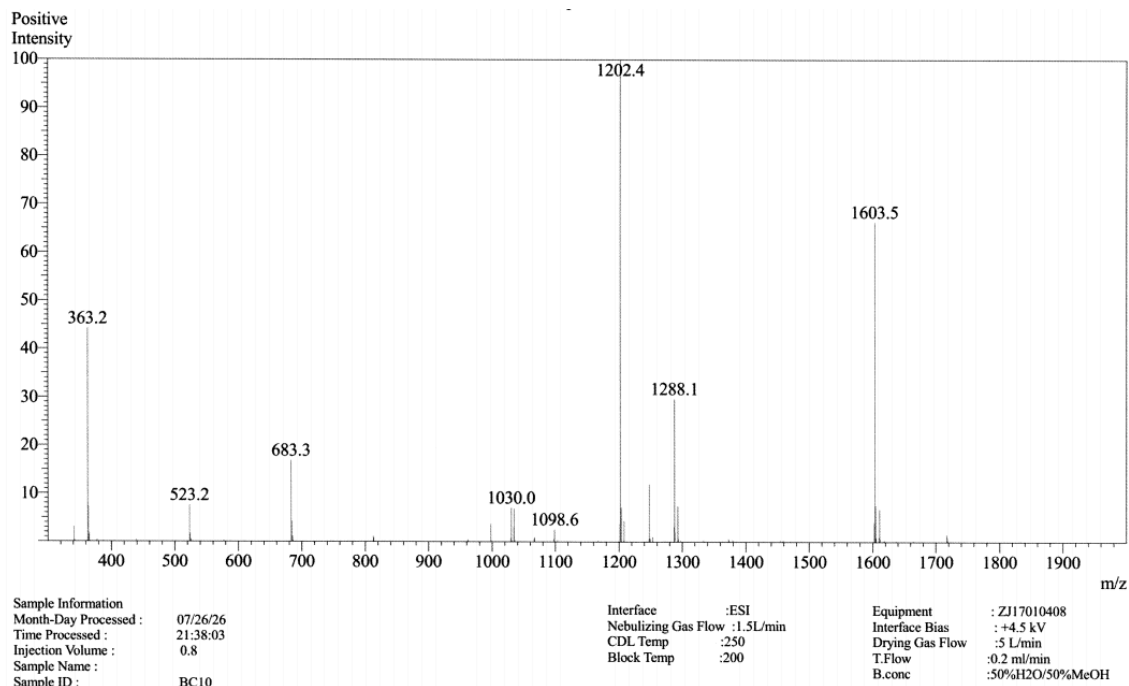


<Peak Table>

Detector A Channel 1 220nm

Peak#	Ret. Time	Area	Height	Area%
1	22.496	15973	2253	0.211
2	22.741	7561622	837719	99.789
Total		7577595	839972	100.000

MASS SPECTRUM IMAGE / 质谱图



ENDOTOXIN IMAGE / 内毒素图谱

LAL sensitivity: 0.02EU/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

Tested by

Miss. XieYuJing, QC

2026-07-27

Tested by

Miss. ZhangBo, QC

2026-07-27

The peptide purity analysis reported here was conducted using LCMS/MS under standard laboratory conditions. The net peptide content stated in this report is determined via nitrogen quantification using an elemental analyzer. This analysis intended for informational purposes only and specific to the sample(s) provided. The peptides tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables.