Certificate of Analysis

Product Name : Humanin

Storage Temperature : Freezer -20°C

Amino acid sequence: H-L-Met-L-Ala-L-Pro-L-Arg-Gly-L-Phe-L-Ser-L-Cys-L-Leu- L-Leu- L-Leu- L-Leu-L-Thr-L-Ser-L-Glu-L-Ile-L-Asp- L-Leu-L-Pro-L-Val-L-Lys-L-Arg-L-Arg-L-Ala-OH

Molecular Formula : $C_{119}H_{204}N_{34}O_{32}S_2$

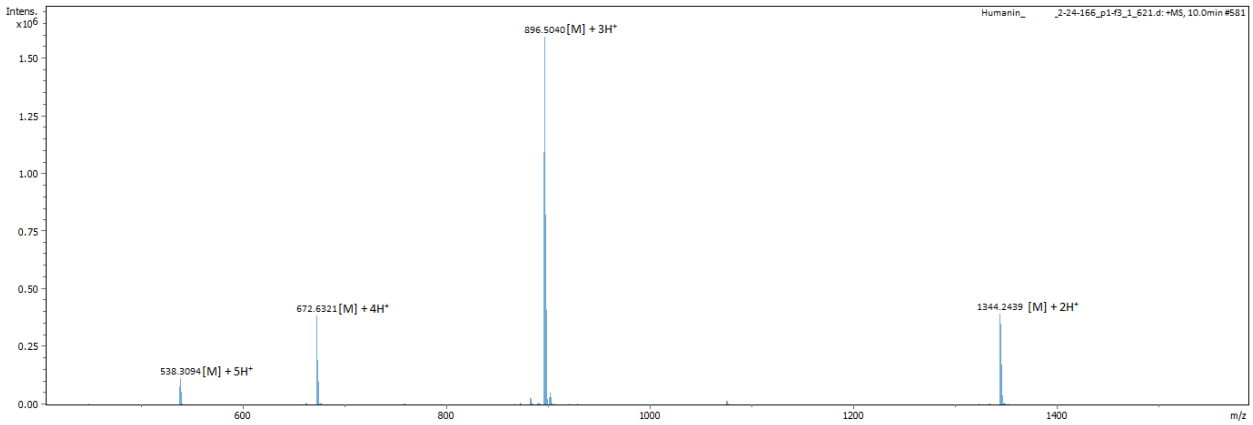
Formula Weight : 2685.48

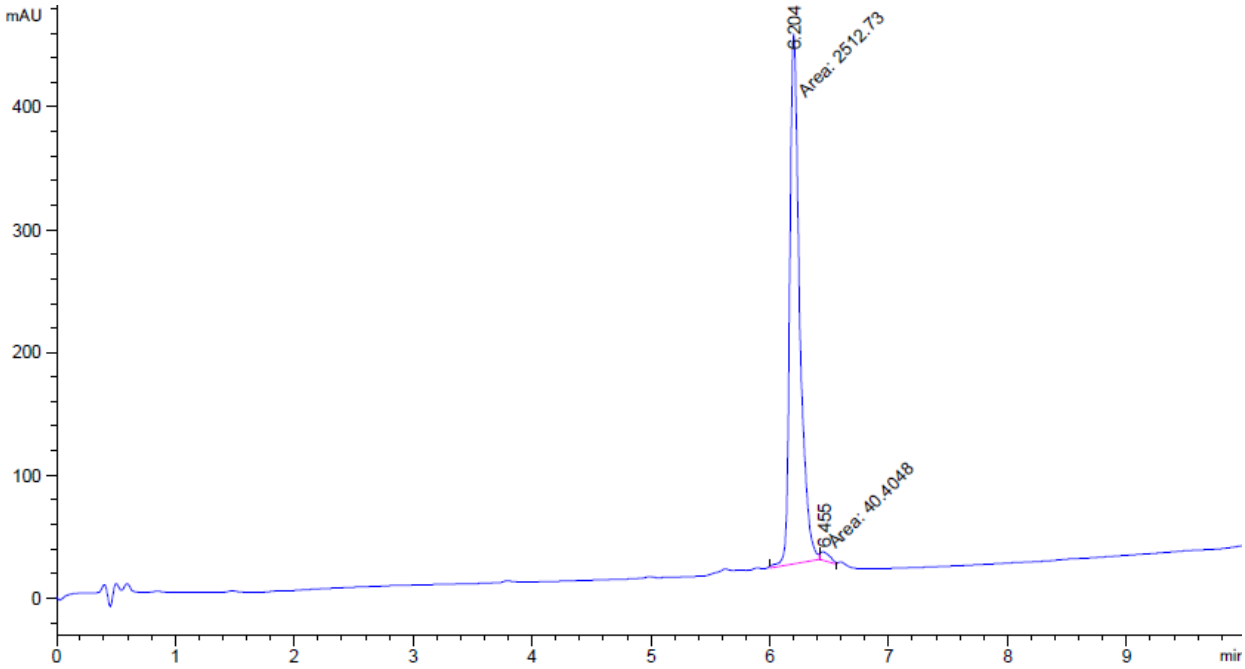
Counter Ion: acetate

Quality Release Date : 11 Sept 2026

Test	Specification	Result
Appearance (Color)	White to Off-White	White
Appearance (Form)	Lypholized Solid	Lypholized Solid
Purity (HPLC)	≥ 95.0 %	98.4%
Identity (ESI-QTOF mass spectrometry)	Confirmed	Confirmed
Water content	≤ 5.0 %	3.2%
Loss of drying	≤ 1.0 %	0.5%
Heavy metals	Pb ≤ 0.5ppm	N.D.
	As ≤ 0.5ppm	N.D.
	Hg ≤ 0.5ppm	N.D.
	Cd ≤ 0.5ppm	N.D.
E. coli	≤ 2 MPN/g	N.D.
Salmonella	N.D.	N.D.

ESI-QTOF mass spectrometry analysis




mAU
400
300
200
100
0
6.204
Area: 2512.73
6.455
Area: 40.4048
0
1
2
3
4
5
6
7
8
9
mir