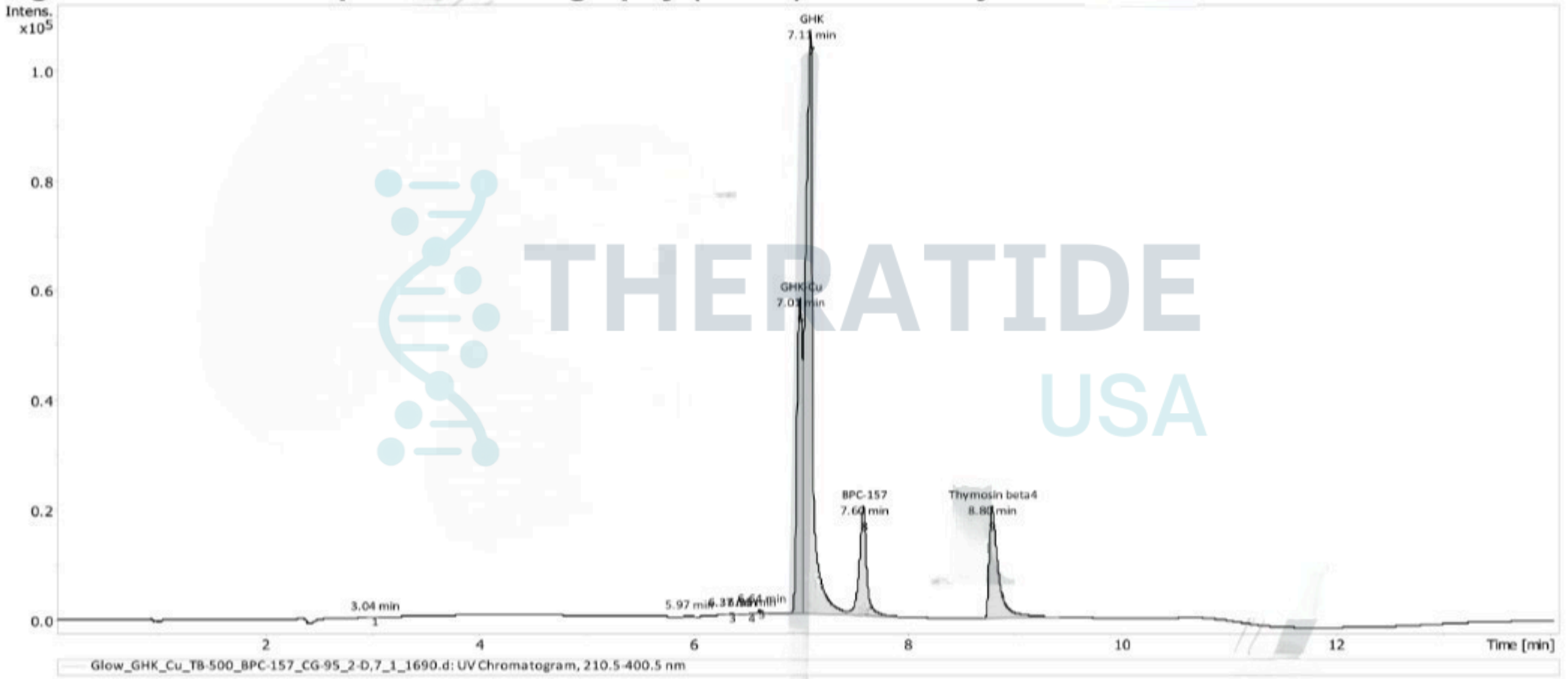
MZ Biolabs
2102 N Country Club Rd
Tucson, AZ 85716
contact@mzbiolabs.com
www.mzbiolabs.com

Certificate of Analysis

GHK Copper 50 mg, BPC-157 10mg, Thymosin beta4 10 mg

Compound	: GHK-Cu, BPC-157, Thymosin beta4	Client :	Theratide USA
Lot number	: GHBPTB-8065		https://theratideusa.com
Analysis date	: 2025-01-03		
Purity %	: 99.66%		
Method	: HPLC-UV-MS		

High Performance Liquid Chromatography (HPLC) UV – Purity Test



THERATIDE USA

PEAK LIST — Number of detected peaks: 9

	Time (min)	Area	%Area	
1	3.04	1.47E+02	0.02	
2	5.97	5.85E+02	0.06	
3	6.37	5.78E+02	0.06	
4	6.55	1.53E+02	0.02	
5	6.64	1.67E+03	0.18	
6	**7.01**	**1.94E+05**	**20.55**	**GHK-Cu**
7	**7.11**	**5.29E+05**	**56.04**	**GHK**
8	**7.60**	**9.71E+04**	**10.28**	**BPC-157**
9	**8.80**	**1.21E+05**	**12.79**	**Thymosin beta4**

Overall Purity : 99.66

The overall purity is good.
But copper concentration in GHK-Cu complex is low
because GHK peak is bigger than the GHK-Cu complex.

Note: Injectable peptides may contain salts and sugars to aid in solubility and act as pH buffers.
These are not normally detected using UV and are not considered impurities.

Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
contact@mzbiolabs.com

2025-01-09