MZ Biolabs
1635 E 18th St
Tucson, AZ 85719
contact@mzbiolabs.com
www.mzbiolabs.com

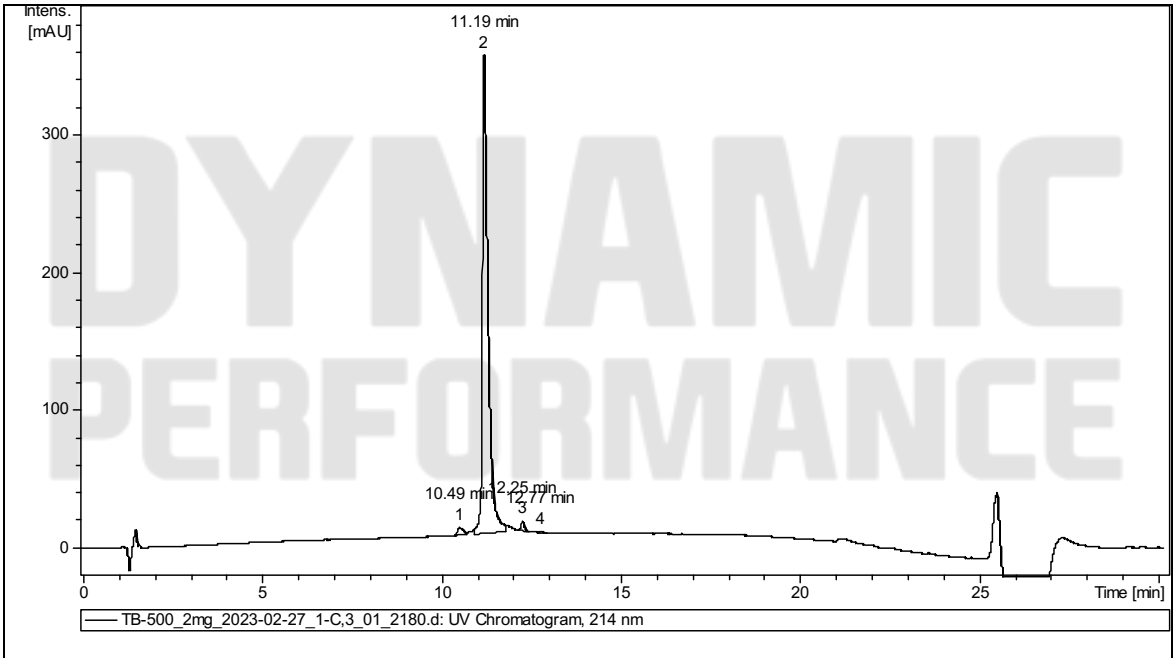
Certificate of Analysis

TB-500 2 mg

Thymosin beta4

Compound : **TB-500**
Lot number : **2023-02-27**
Analysis date : **2023-03-01**
Purity % : **97.2%**
Method : **Mass Spectrometry and UV**

PubChem CID: 16132341
https://pubchem.ncbi.nlm.nih.gov/compound/16132341



DYNAMIC PERFORMANCE

PEAK LIST — Number of detected peaks: 4

Time (min)	Area	%Area	
10.49	5.87E+01	1.5	
11.19	**3.79E+03**	**97.2**	**TB-500**
12.25	4.23E+01	1.1	
12.77	8.21E+00	0.2	

Purity determined using UV detection
Peak identity confirmed by mass spectrum evaluation
Expected mass : 5017.51 g
Measured mass : 5017.48 g TB-500 with c-terminal Glycine
Molecular weight confirmed

Note: Injectable peptides 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

2023-03-02