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

Certificate of Analysis

TB-500

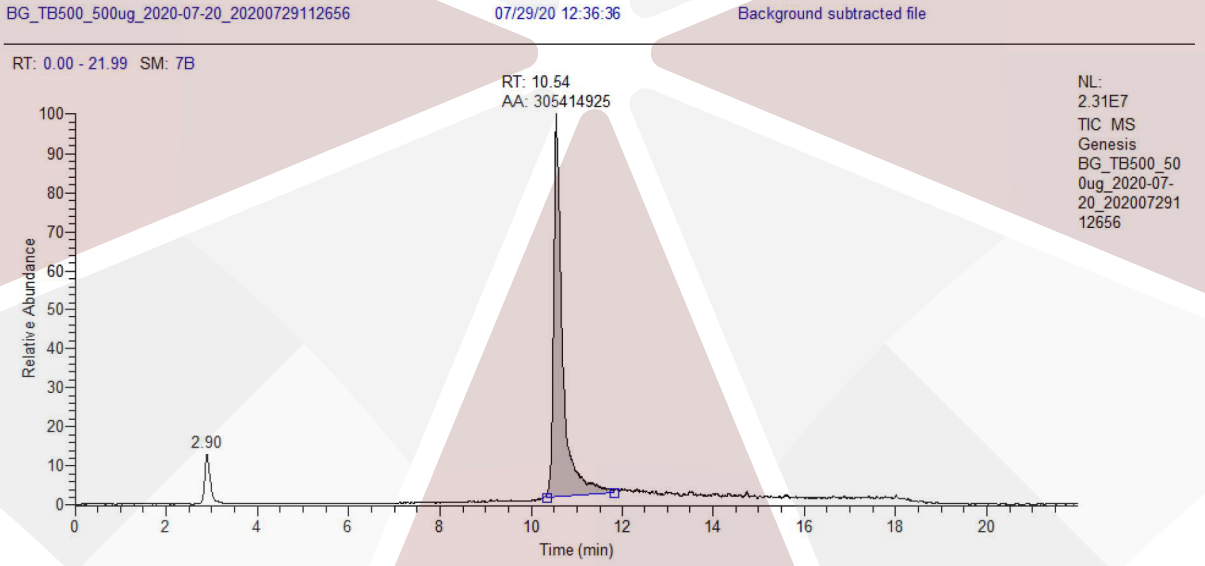
Thymosin beta-4

Compound : **TB-500**
Lot number : **2020-07-20**
Analysis date : **2020-07-28**
Purity % : **100.00%**
Method : **Mass Spectrometry and UV**

Client : UMBRELLA.us
3280 E Hemisphere Loop
Tucson, Arizona 85706

PubChem CID: 16132341
https://pubchem.ncbi.nlm.nih.gov/compound/16132341
CAS # 77591-33-4

Expected mass : 4960.48 g
Measured mass : 4960.86 g
Molecular weight confirmed



PEAK LIST — Number of detected peaks: 1

Time (min)	Area	%Area	
10.54	3.05E+08	100.00	TB-500

Peak at 2.9 minutes is a loading buffer artifact

Peak identity confirmed by mass spectrum evaluation
Purity confirmed using UV detection

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

7/28/2020