

Certificate of Analysis

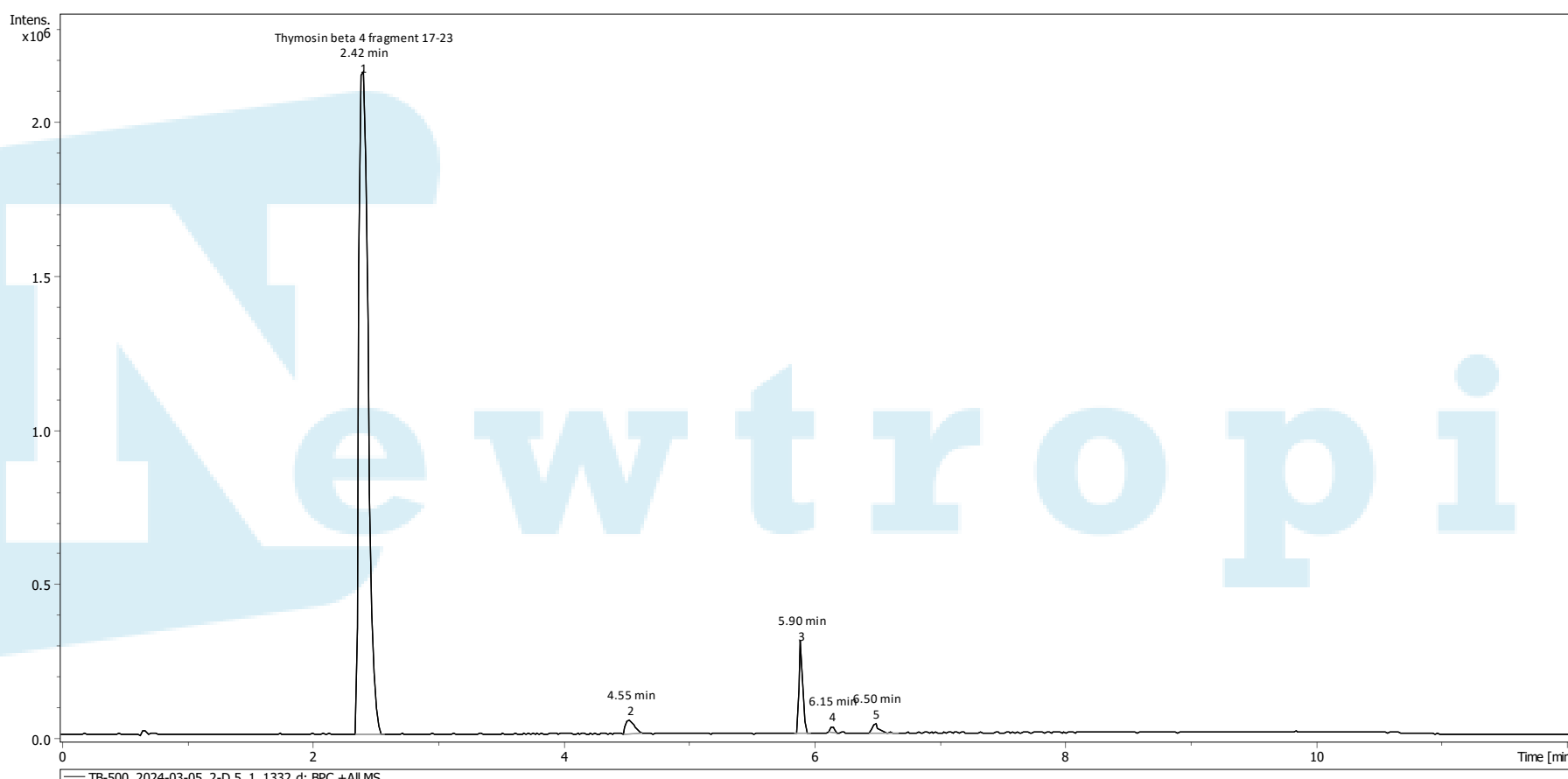
Thymosin β 4 Fragment 17-23

Thymosin beta – 4 active fragment Ac-Leu-Lys-Lys-Thr-Glu-Thr-Gln-OH

Compound : TB4 fragment 17-23 **Client** : Newtropin
Lot number : 451739
Analysis date : 2024-03-21
Method : HPLC-MS

PubChem CID: 62707662

<https://pubchem.ncbi.nlm.nih.gov/compound/62707662>



PEAK LIST		Number of detected peaks: 5		
	Time (min)	Area	%Area	
1	2.42	1.11E+07	91.41	TB4 fragment 17-23
2	4.55	2.15E+05	1.78	
3	5.90	6.67E+05	5.51	
4	6.15	4.61E+04	0.38	
5	6.50	1.11E+05	0.92	

Thymosin β 4 fragment identified at peak 1, 2.42 minutes
 Other peaks due to natural capsule filler

Peak identity confirmed by mass spectrum evaluation

Expected mass : 888.49 g

Measured mass : 888.50 g

Molecular weight confirmed

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
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2024-03-22