

TB-500 (Thymosin Beta-4 Fragment)

Repair & Recovery • 2mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	TB-500 (Thymosin Beta-4 Fragment)	Batch / Lot no.	GP26-2153
Category	Repair & Recovery	Strength	2mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	1467.4 m/z	[M+H] ⁺ theoretical	1467.5 m/z
[M+2H] ²⁺ observed	734.3 m/z	Mass deviation	-0.1 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.7 % (area normalisation)	Content, % of label claim	100.9 %
Measured content	2.02 mg/vial (label claim 2mg)		

4. ANALYTICAL DATA

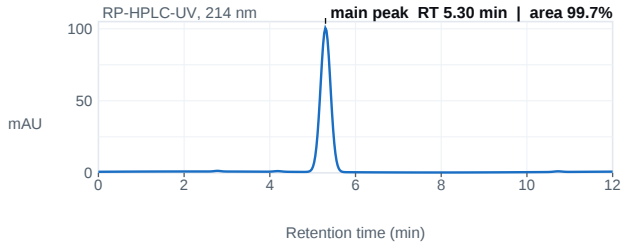


Fig. 1 — HPLC chromatogram; main peak 5.30 min, 99.7% area.

