PURALYTIX
INDEPENDENT LABORATORY ANALYSIS

Puralytix Analytical Laboratories
Independent third-party analytical laboratory
ISO/IEC 17025:2017 (ref. PLX-UKAS-8847)

CERTIFICATE OF ANALYSIS

Lab Report No. **PLX-202608-50154**
Batch / Lot **GP26-2154**
Issued 21 August 2026

TB-500 (Thymosin Beta-4 Fragment)

Repair & Recovery • 10mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	TB-500 (Thymosin Beta-4 Fragment)	**Batch / Lot no.**	GP26-2154
Category	Repair & Recovery	**Strength**	10mg
Presentation	Research Vial	**Dosage form**	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	**Result**	Conforms to reference standard
[M+H]+ observed	939.1 m/z	**[M+H]+ theoretical**	939.5 m/z
[M+2H]2+ observed	470.3 m/z	**Mass deviation**	-0.4 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	**Method**	UPLC-UV, 214 nm
Chromatographic purity	98.9 % (area normalisation)	**Content, % of label claim**	100.4 %
Measured content	10.04 mg/vial (label claim 10mg)		

4. ANALYTICAL DATA

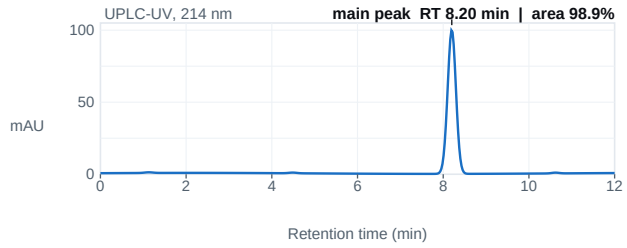

Fig. 1 — UPLC chromatogram; main peak 8.20 min, 98.9% area.

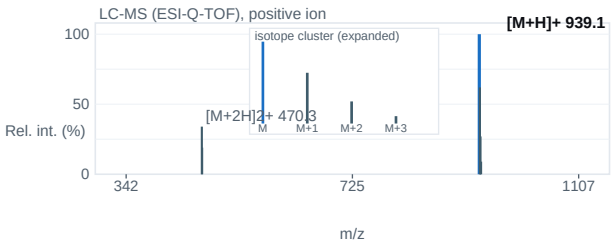

Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]+ 939.1 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 98.9%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. K. Yamamoto	**Approved (QA)**	Dr. H. Bergström
Date of test	21 August 2026	**Date of manufacture**	4 August 2026
Expiry	4 August 2029	**Laboratory**	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2154**

Verification key: **KNJ2-NVC2**

puralytix.com/report-verification

Enter the report ID and verification key on the page above, or scan the QR code, to confirm this certificate is genuine.

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