

Puralytix Analytical Laboratories

Independent third-party analytical laboratory

ISO/IEC 17025:2017 (ref. PLX-UKAS-8847)

Thymosin Alpha-1 ($T\alpha 1$) Immune Modulator

Repair & Recovery • 5mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Thymosin Alpha-1 ($T\alpha 1$) Immune Modulator	Batch / Lot no.	GP26-2087
Category	Repair & Recovery	Strength	5mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	2016.1 m/z	[M+H] ⁺ theoretical	2015.9 m/z
[M+2H] ²⁺ observed	1008.5 m/z	Mass deviation	+0.2 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	98.5 % (area normalisation)	Content, % of label claim	99.1 %
Measured content	4.96 mg/vial (label claim 5mg)		

4. ANALYTICAL DATA

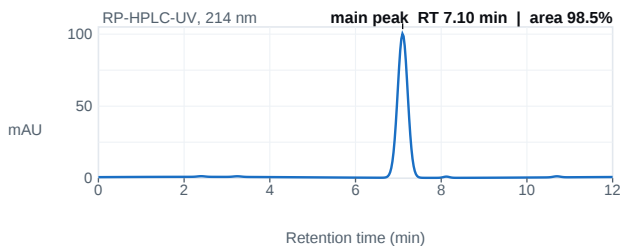


Fig. 1 — HPLC chromatogram; main peak 7.10 min, 98.5% area.

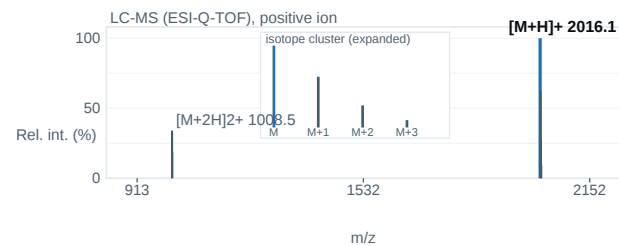


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 2016.1 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 98.5%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. M. Hassan	Approved (QA)	Dr. N. Kowalski
Date of test	2 September 2026	Date of manufacture	16 August 2026
Expiry	16 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2087**

Verification key: **RQJ8-VN24**

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



Scan to verify

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