

Hyaluronic Acid 5mg

Cosmetic & Skin • 5mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Hyaluronic Acid 5mg	Batch / Lot no.	GP26-2034
Category	Cosmetic & Skin	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	3177.3 m/z	[M+H] ⁺ theoretical	3177.2 m/z
[M+2H] ²⁺ observed	1589.1 m/z	Mass deviation	+0.1 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	98.9 % (area normalisation)	Content, % of label claim	99.5 %
Measured content	4.97 mg/vial (label claim 5mg)		

4. ANALYTICAL DATA

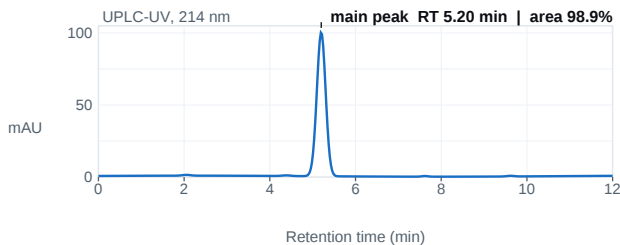


Fig. 1 — UPLC chromatogram; main peak 5.20 min, 98.9% area.

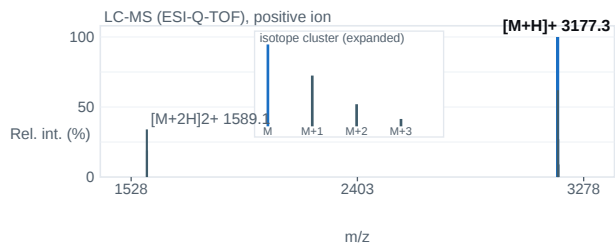


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3177.3 m/z.

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

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. E. Vasquez	Approved (QA)	Dr. H. Bergström
Date of test	26 August 2026	Date of manufacture	8 August 2026
Expiry	8 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2034**

Verification key: **L89G-AFNA**

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