

Cortagen 20mg

Bioregulators • 20mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Cortagen 20mg	Batch / Lot no.	GP26-2023
Category	Bioregulators	Strength	20mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	2709.8 m/z	[M+H] ⁺ theoretical	2709.6 m/z
[M+2H] ²⁺ observed	1355.3 m/z	Mass deviation	+0.2 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	98.7 % (area normalisation)	Content, % of label claim	99.2 %
Measured content	19.84 mg/vial (label claim 20mg)		

4. ANALYTICAL DATA

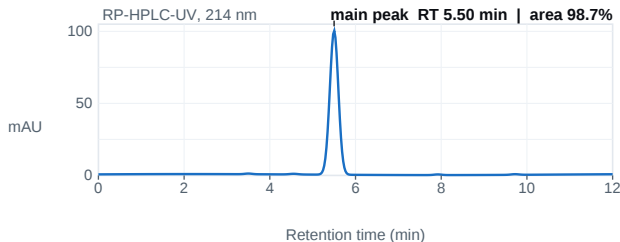


Fig. 1 — HPLC chromatogram; main peak 5.50 min, 98.7% area.

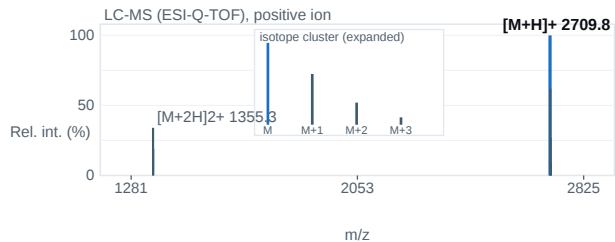


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 2709.8 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 98.7%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. L. Chen	Approved (QA)	Dr. P. Achebe
Date of test	5 September 2026	Date of manufacture	17 August 2026
Expiry	17 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2023**

Verification key: **F7AP-CHBU**

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