

Crystagen 20mg

Bioregulators • 20mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Crystagen 20mg	Batch / Lot no.	GP26-2022
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	1986.6 m/z	[M+H] ⁺ theoretical	1987.1 m/z
[M+2H] ²⁺ observed	994.1 m/z	Mass deviation	-0.5 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	99.5 % (area normalisation)	Content, % of label claim	99.7 %
Measured content	19.94 mg/vial (label claim 20mg)		

4. ANALYTICAL DATA

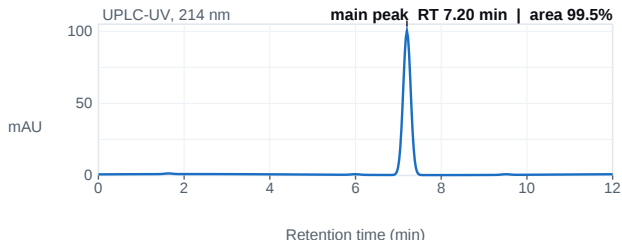


Fig. 1 — UPLC chromatogram; main peak 7.20 min, 99.5% area.

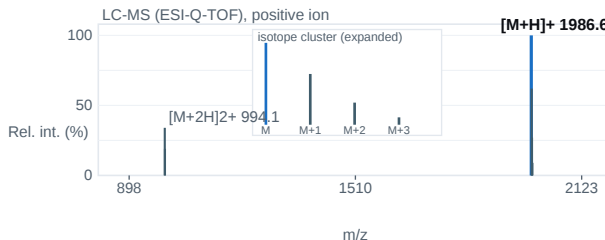


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 1986.6 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 99.5%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. S. Patel	Approved (QA)	Dr. H. Bergström
Date of test	28 August 2026	Date of manufacture	12 August 2026
Expiry	12 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2022**

Verification key: **R2CE-DW9D**

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