

KPV Anti-Inflammatory Peptide

Repair & Recovery • 10mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	KPV Anti-Inflammatory Peptide	Batch / Lot no.	GP26-2150
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	2659.6 m/z	[M+H] ⁺ theoretical	2659.7 m/z
[M+2H] ²⁺ observed	1330.4 m/z	Mass deviation	-0.1 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	99.1 % (area normalisation)	Content, % of label claim	99.5 %
Measured content	9.95 mg/vial (label claim 10mg)		

4. ANALYTICAL DATA

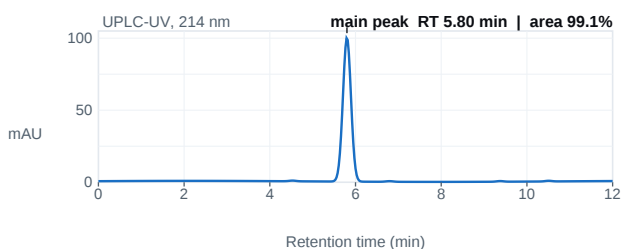


Fig. 1 — UPLC chromatogram; main peak 5.80 min, 99.1% area.

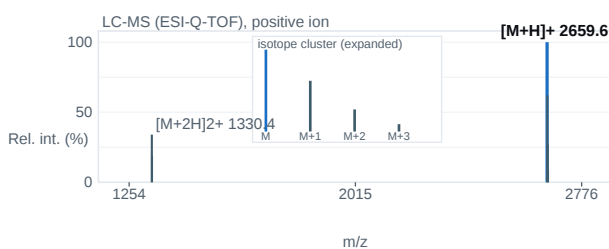


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 2659.6 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 99.1%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. M. Hassan	Approved (QA)	Dr. N. Kowalski
Date of test	1 September 2026	Date of manufacture	15 August 2026
Expiry	15 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2150**

Verification key: **X3D5-DCRR**

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