

KPV Anti-Inflammatory Peptide

Repair & Recovery • 5mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	KPV Anti-Inflammatory Peptide	Batch / Lot no.	GP26-2151
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	1791.1 m/z	[M+H] ⁺ theoretical	1791.3 m/z
[M+2H] ²⁺ observed	896.2 m/z	Mass deviation	-0.2 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.8 % (area normalisation)	Content, % of label claim	99.0 %
Measured content	4.95 mg/vial (label claim 5mg)		

4. ANALYTICAL DATA

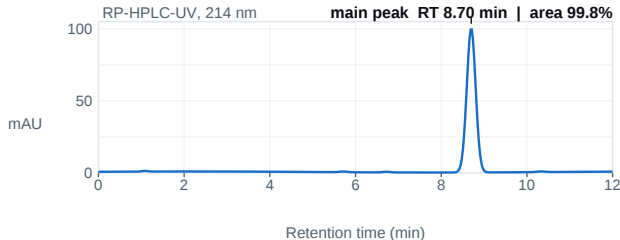


Fig. 1 — HPLC chromatogram; main peak 8.70 min, 99.8% area.

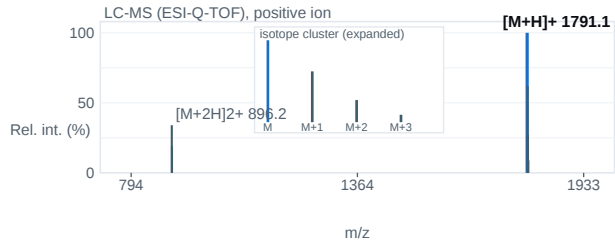


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 1791.1 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 99.8%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. A. Novak	Approved (QA)	Dr. H. Bergström
Date of test	26 August 2026	Date of manufacture	10 August 2026
Expiry	10 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2151**

Verification key: **Y3SJ-TXVF**

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