Certificate of Analysis

ILS Laboratories
8222 Vickers St, Suite 106, San Diego, CA 92111
(619) 329-3999 | ils-lab.com

KPV - 10mg

PASS

Tested for: NextGen Peptides
www.NGpeptide.com

COA #:	**COA-2026-O0FHR5**	Method:	**Full QC Panel**
Lot Number:	**KP10-05**	Analysis Date:	**05/22/2026**
Accession #:	**ACC-2026-2771**	Appearance:	**Good**
Concentration:	**10mg**	Volume:	**3mL**
Sample Matrix:	**Lyophilized**	Received:	**05/19/2026**

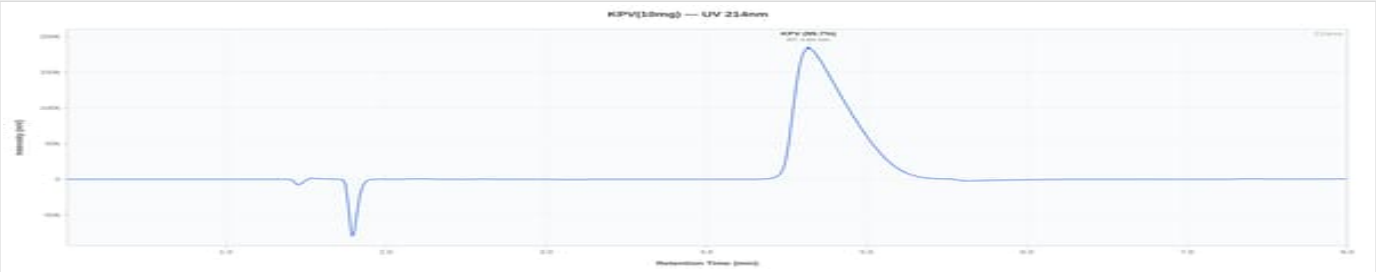
Scan to verify authenticity at ils-lab.com

Identity	Purity
KPV	99.72%

Full QC Panel

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	**99.72%**	%	**PASS**
Net Peptide Content	Report Only	**10.25**	mg	N/A
Identity (ID)	KPV	**Confirmed**	-	**PASS**

HPLC Chromatogram



KPV 10mg - KP10-05: UV Chromatogram

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	*Not Detected*	**PASS**
Cadmium (Cd)	NMT 0.5 ppm	*Not Detected*	**PASS**
Chromium (Cr)	NMT 10 ppm	*Not Detected*	**PASS**
Mercury (Hg)	NMT 1.5 ppm	*Not Detected*	**PASS**
Lead (Pb)	NMT 1 ppm	*Not Detected*	**PASS**

Dr. Greg Kalyuzhny
Lab Director
5/24/2026

COA #: COA-2026-O0FHR5
Access Code: **RUGT-XRL**
Verify: portal.ils-lab.com/verify/olEJvoOtIxoh0wrz
Issued: 5/24/2026

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Sterility Testing (PCR)

Test	Specification	Result	Status
Sterility (PCR)	No Growth	**No Growth**	**PASS**

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	**0.059 EU/mL**	**Reported**

About this result: Endotoxin is reported as a quantitative value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies to RUO products. This result is below commonly referenced endotoxin thresholds.

Notes & Methodology

1. Date Tested: 05/22/2026. Methods: Full QC Panel.
2. The sample was confirmed to be KPV by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Elemental impurities analyzed by ICP-MS per USP <233> methodology. Acceptance criteria are internal laboratory quality screening limits for research-use materials and do not represent evaluation against any specific pharmacopeial monograph or product specification.
4. Endotoxin acceptance limits are product-specific. Results reported for client evaluation.

Dr. Greg Kalyuzhny
Lab Director
5/24/2026

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