

# Certificate of Analysis

Lab ID: **KPV-067**

REPORTED September 21, 2026

CLIENT

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PTC-ALQMGEW6

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## § 01 Sample Information

FOR RESEARCH PURPOSES ONLY

|             |                           |             |                                                               |
|-------------|---------------------------|-------------|---------------------------------------------------------------|
| Sample ID:  | <b>KPV-067</b>            | Received:   | <b>09/11/2026</b>                                             |
| Compound:   | <b>KPV</b>                | Analyzed:   | <b>09/21/2026</b>                                             |
| Report No.: | <b>COA-2026-SC-02540</b>  | CAS:        | <b>67727-97-3</b>                                             |
| Total Mass: | <b>82.1 mg</b>            | Formula:    | <b>C<sub>16</sub>H<sub>30</sub>N<sub>4</sub>O<sub>4</sub></b> |
| Appearance: | <b>Lyophilized powder</b> | Mol Weight: | <b>342.4 g/mol</b>                                            |

## § 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)

|                         | SPECIFICATION | RESULT          | STATUS      |
|-------------------------|---------------|-----------------|-------------|
| Compound Test:          | KPV           | KPV             |             |
| Net Peptide Content:    | 10.00 mg      | <b>11.34 mg</b> |             |
| Peptide Fill Accuracy:  | ≥ 90 %        | <b>113.4 %</b>  | <b>PASS</b> |
| Chromatographic Purity: | ≥ 98 %        | <b>99.6 %</b>   |             |

Peptide fill accuracy is the measured net peptide content expressed as a percentage of the declared label claim (measured ÷ label claim × 100).

Chromatographic purity is the target peptide's concentration as a percentage of the total peptide concentration measured — the target peptide against the other trace peptides detected in the same sample. It reflects peptide-related impurities only; it does not measure salts, excipients, or water, and is separate from net peptide content (the actual mg of peptide). — means not determined.

## § 03 HPLC-MS/MS Detail

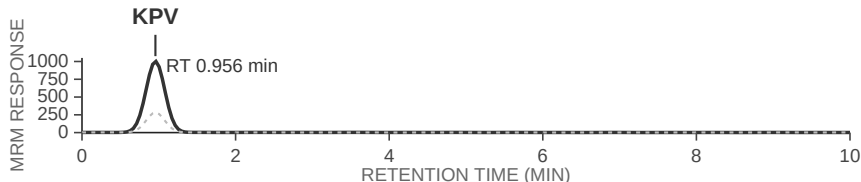
METHOD A · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

PRECURSOR [M+H]<sup>+</sup>

**343.20 Da**

Quantifier transition ● MRM

**343.20 > 70.10 CE 15 V**



| ROLE         | TRANSITION             | CE          |
|--------------|------------------------|-------------|
| ● Quantifier | <b>343.2 &gt; 70.1</b> | <b>15 V</b> |

Agilent Poroshell 120 EC-C18 · 2.1×100 mm · 2.7 μm · Solvent A: 0.1 % formic acid in H<sub>2</sub>O · Solvent B: 0.1 % formic acid in Acetonitrile

SAMPLE PHOTOGRAPH



DISCLAIMER · RESEARCH USE ONLY

Results relate **only to the sample as received** by Side-Chain Analytics Inc. and the tests performed, as and when received — not to any other unit, vial, lot, or batch, and not to any other product bearing the same name, label, or description. This report is not a verification of any lot or batch. **For research use only:** this report is not a certificate of quality, safety, efficacy, or regulatory compliance; the material tested is not authorized by Health Canada for human or veterinary use; and this report is not for human or veterinary administration, clinical or diagnostic use, or label claims. Side-Chain Analytics Inc. does not manufacture, source, or sell the material tested and makes **no warranty, express or implied**; its liability shall not exceed the testing fee. This report may not be reproduced except in full, and may not be reproduced, displayed, quoted, or referenced — in whole or in part, including by any badge, seal, or link — in connection with the advertising, offer for sale, sale, or distribution of any product. This certificate is valid only as currently shown at [sidechainanalytics.com/verify](https://sidechainanalytics.com/verify) and may be withdrawn.