Peptide Test Canada
peptidetestcanada.ca
Canada's Most Trusted Independent Peptide Testing Lab

# Certificate of Analysis

SCAN TO VERIFY
PTC-YDW3A5AT

Lab ID: **AMQ-025**

REPORTED September 16, 2026

**CLIENT**

VERIFY peptidetestcanada.ca/verify
EMAIL info@peptidetestcanada.ca
ORDER # PTC-9868021

**END CUSTOMER**

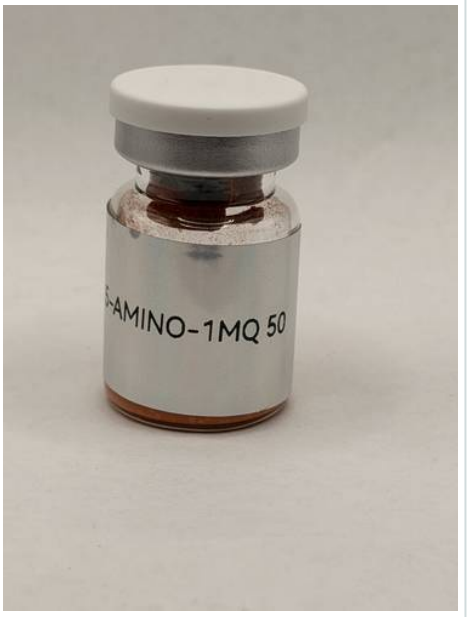
NAME Pepz4u.com
info@pepz4u.com/

## § 01 Sample Information

FOR RESEARCH PURPOSES ONLY

| | | | |
|---|---|---|---|
| Sample ID: | **AMQ-025** | Received: | **09/04/2026** |
| Compound: | **5-Amino-1MQ** | Analyzed: | **09/16/2026** |
| Report No.: | **COA-2026-SC-02613** | CAS: | **42464-96-0** |
| Total Mass: | **185.4 mg** | Formula: | **$C_{10}H_{11}N_2.I$** |
| Appearance: | **Lyophilized powder** | Mol Weight: | **286.1 g/mol** |

SAMPLE PHOTOGRAPH




## § 02 Analytical Results

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

| | SPECIFICATION | RESULT | STATUS |
|---|---|---|---|
| **Compound Test:** | 5-Amino-1MQ | **5-Amino-1MQ** | **PASS** |
| **Net Peptide Content:** | 50.00 mg | **59.87 mg** | |
| **Peptide Fill Accuracy:** | ≥ 90 % | **119.7 %** | |
| **Chromatographic Purity:** | ≥ 98 % | **99.7 %** | |

**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

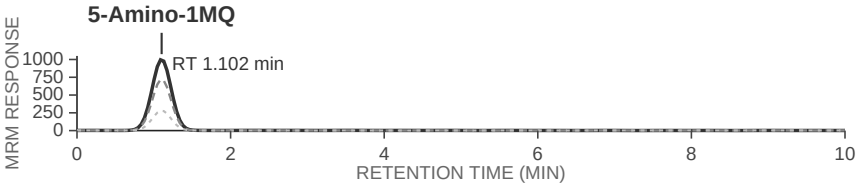
METHOD A · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

**PRECURSOR [M+H]+**

**159.09 Da**

**Quantifier transition ● MRM**

**159.09 › 142.07** CE 28 V




| ROLE | TRANSITION | CE |
|---|---|---|
| ● Quantifier | 159.1 › 142.1 | 28 V |
| ■ Qualifier | 159.1 › 132.1 | 28 V |

Agilent Poroshell 120 EC-C18 · 2.1×100 mm · 2.7 µm · Solvent A: 0.1 % formic acid in $H_2O$ · Solvent B: 0.1 % formic acid in Acetonitrile

**Issued September 16, 2026**

**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 and may be withdrawn.

**Issued September 16, 2026**