# Certificate of Analysis

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

## 5-Amino-1MQ - 50mg

**PASS**

lumi PEPTIDES **Tested for: Lumi Peptides**
www.lumipeptides.com

| | | | |
|---|---|---|---|
| COA #: | **COA-2026-412241** | Method: | **Full QC Panel** |
| Lot Number: | **LP5AM50-001** | Analysis Date: | **04/30/2026** |
| Accession #: | **ACC-2026-1331** | Appearance: | **Good** |
| Concentration: | **50mg** | Volume: | **3mL** |
| Sample Matrix: | **Powder** | Received: | **04/27/2026** |

Scan to verify authenticity at ils-lab.com

| Identity | Purity |
|---|---|
| **5-Amino-1MQ** | **99.71%** |



*5-Amino-1MQ 50mg - LP5AM50-001*

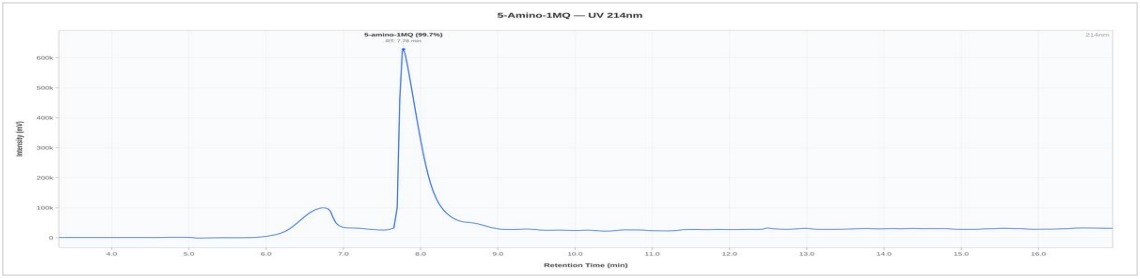
### Purity & Quant (HPLC)

| Analyte | Specification | Result | Unit | Status |
|---|---|---|---|---|
| **Purity (HPLC)** | >= 95.0% | **99.71%** | % | PASS |
| **Net Peptide Content** | Report Only | **52.41** | mg | N/A |
| **Identity (ID)** | 5-amino-1MQ | **Confirmed** | - | PASS |

### Heavy Metals (ICP-MS)

| Analyte | Specification | Result | Unit | Status |
|---|---|---|---|---|
| **Heavy Metals** | | | | |
| **Arsenic (As)** | <= 1.5 ppm | **Not Detected** | ppm | PASS |
| **Cadmium (Cd)** | <= 0.5 ppm | **Not Detected** | ppm | PASS |
| **Lead (Pb)** | <= 1 ppm | **Not Detected** | ppm | PASS |
| **Mercury (Hg)** | <= 1.5 ppm | **0.0572 ppm** | ppm | PASS |
| **Chromium (Cr)** | <= 10 ppm | **0.552 ppm** | ppm | PASS |

### HPLC Chromatogram



*5-Amino-1MQ 50mg - LP5AM50-001: UV Chromatogram*

**Dr. Greg Kalyuzhny**
Lab Director
4/30/2026

COA #: **COA-2026-412241**
Access Code: **I0OHJH7I**
Verify: portal.ils-lab.com/verify/vrJ6i69HC8eyzXr6
Issued: 4/30/2026

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### Sterility Testing (PCR)

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

### Endotoxin Testing (USP <85>)

| Test | Specification | Result | Unit | Status |
|---|---|---|---|---|
| **Endotoxin (USP <85>)** | < 0.25 EU/mL | **NMT 0.05 EU/mL** | | **PASS** |

### Notes & Methodology

1. Date Tested: 04/30/2026. Methods: Purity & Quant (HPLC); Heavy Metals (ICP-MS).
2. The sample was confirmed to be 5-Amino-1MQ by HPLC. Identification by chromatographic retention time comparison with a reference standard.

ilac-MRA PJLA Testing Accreditation No. 59423

**Dr. Greg Kalyuzhny**
Lab Director
4/30/2026

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