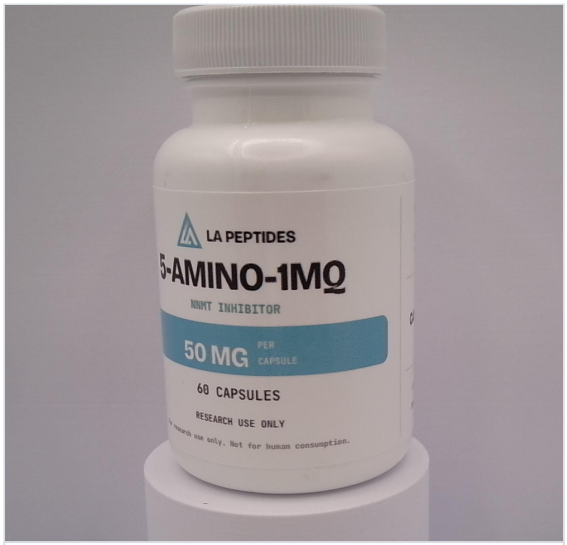
# CERTIFICATE OF ANALYSIS

5-Amino-1MQ capsules · LA Peptides · Lot 2618 · Unsigned draft

## LA Peptides

| PRODUCT | ORDER | SAMPLE |
|---|---|---|
| 5-Amino-1MQ capsules | GSA-2026-000080 | LA-5A1MQCAPS-20261125 |
| **LABEL** | **UPLOAD DATE** | **BATCH** |
| 50 mg per capsule | Nov 25, 2026 | 2618 |




THE SAMPLE AS RECEIVED

**IDENTITY** ✓

**5-Amino-1MQ**

Pass

**PURITY** ✓

Reference capsule · Set A

**99.90 %**

Lot 2618 · Pass
HPLC-UV, 214 nm · 2 injections

**HEAVY METALS** ✓

**Pass**

USP <232>, ICP-MS: Pb, Cd, Hg, As, Co, V, Ni

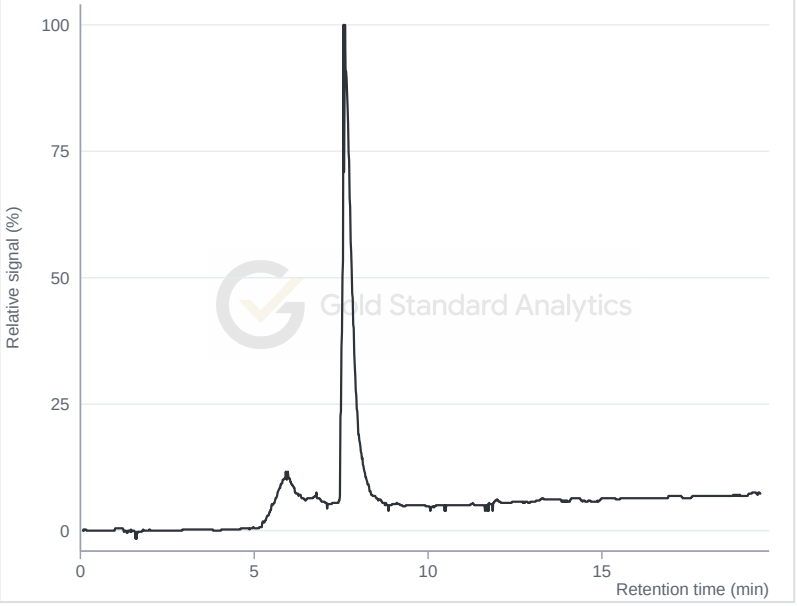
**ENDOTOXINS** ✓

**Pass**

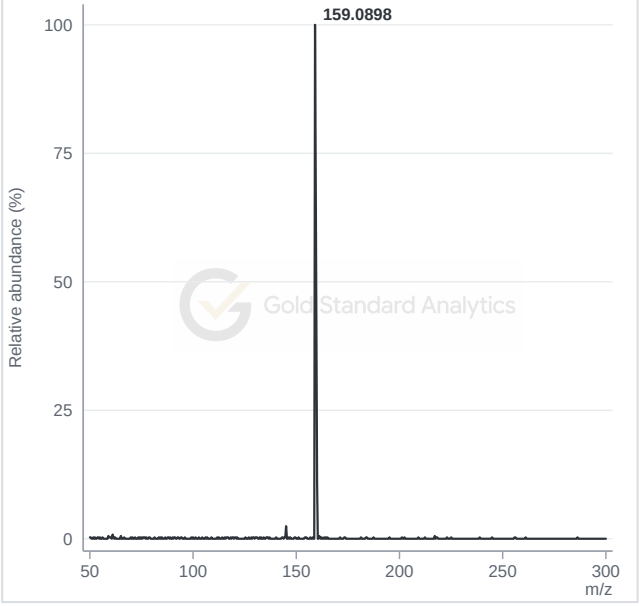
Spike recovery 68 %

✓ **Fentanyl screen** Lot 2618 — **Pass**

**HPLC CHROMATOGRAM** — Reference · 50 mg capsule · Set A




**MASS SPECTRUM** — Reference · 50 mg capsule · Set C




**APPROVED FOR RELEASE**

Ian Ebert, Laboratory Director

**Signed electronically**
26 Nov 2026, 04:34 UTC
Release record: last page

Results are not covered by ISO/IEC 17025 accreditation. Results relate only to the sample as received and tested.

## The sample

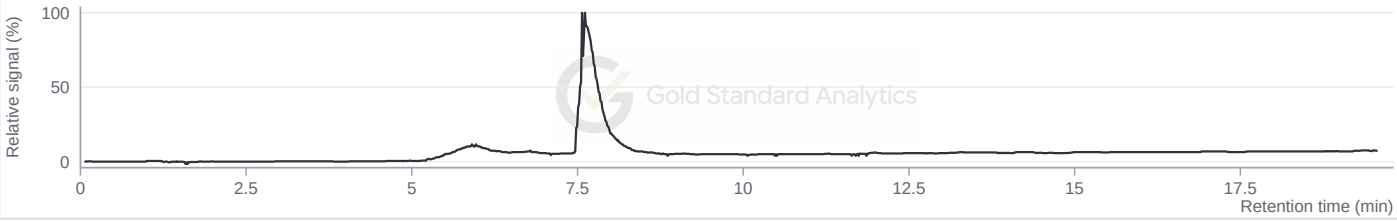
5-Amino-1MQ capsules · Lot 2618

| | | | |
|---|---|---|---|
| Customer | **LA Peptides** | Prepared | **Not supplied** |
| Order | **GSA-2026-000080** | | |
| Sample | **LA-5A1MQCAPS-20261125** | Tested | **Date not supplied** |
| Label | **5-Amino-1MQ · 50 mg per capsule** | Tests | **Identity, Purity, Impurity breakdown, Fentanyl screen, Bacterial endotoxins, Elemental impurities** |

## Graphs

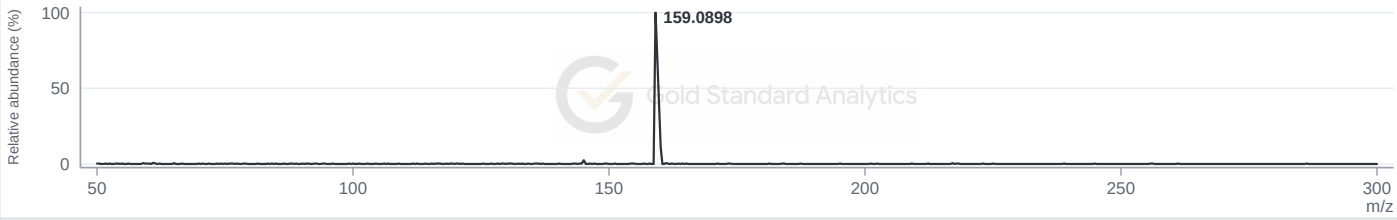
### HPLC CHROMATOGRAM

Formulation reference · 50 mg capsule · Set A




### MASS SPECTRUM

Formulation reference · 50 mg capsule · Set C



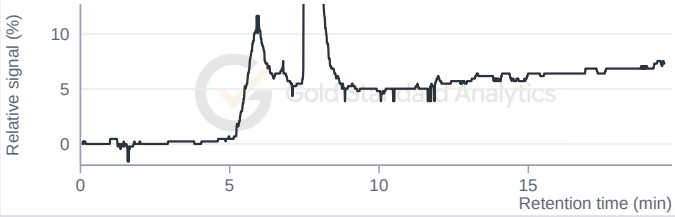

## Results

| | |
|---|---|
| Identity | **Pass.** 5-Amino-1MQ. Lot 2618. |
| Purity | **Reference capsule · Set A · 99.90%**<br>Lot 2618 · Pass. HPLC-UV, 214 nm · 2 injections. Lot-specific percentage not supplied. |
| Fentanyl screen | **Pass.** Lot 2618. |
| Bacterial endotoxins | **Pass.** Lot 2618. Spike recovery 68 %.<br>Reference sample, set A · at or below 0.05 EU/mL |
| Elemental impurities | **Pass.** Lot 2618.<br>Reference sample, set B · As, Cd, Pb, Hg below LOQ |

## Zoomed views

### HPLC, SMALL PEAKS

Expanded UV scale · Set A




### ION TRACE

Reference · 50 mg capsule · Set C



## Impurities

Individual impurity peaks · Lot 2618

| PEAK (MIN) | AMOUNT | WHAT IT IS |
|---|---|---|
| — | — | Individual impurity retention times and areas were not supplied for lot 2618. |

## How it was tested

The HPLC chromatogram and small-peaks view show the same UV acquisition from 50 mg capsule (set A).
The mass spectrum is from 50 mg capsule (set C). The ion trace is from 50 mg capsule (set C).
Net content. Reference sample, set A · 53.36 mg per capsule.
The attached graph index lists the acquisitions and source pages (4, 20, 24–25).

## Notes

The customer supplied the pass results, spike recovery and HPLC-UV conditions for lot 2618.
The reference measurements are identified by test set. The source records give no lot 2618 link.

## Release

Unsigned draft.

| | |
|---|---|
| **Customer and order** | LA Peptides · GSA-2026-000080 |
| **Sample and report** | LA-5A1MQCAPS-20261125 · 5-Amino-1MQ capsules · Lot 2618 |
| **Report reference** | Pending release |
| **Certificate accession** | Pending release |
| **Date and time (UTC)** | — |
| **Approval reference** | — |
| **Original report SHA-256** | — |

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# Gold Standard Analytics

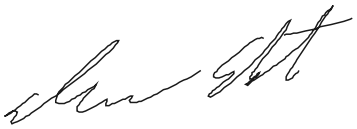
## Release record

goldstandardanalytics.com Report GSA-COA-CUST-5-AMINO-1MQ-CAPSULES-UPL-01e59d230453 · Certificate GSA-2026-499136

| | |
|---|---|
| **Customer and order** | LA Peptides · Custom sample (no order) |
| **Sample and report** | 5-Amino-1MQ Capsules · Certificate of Analysis |
| **Report reference** | GSA-COA-CUST-5-AMINO-1MQ-CAPSULES-UPL-01e59d230453 |
| **Certificate accession** | GSA-2026-499136 |
| **Released and signed by** | Ian Ebert, Laboratory Director |
| **Date and time (UTC)** | 2026-11-26 04:34:02Z |
| **Signature meaning** | Approved for release. The signer reviewed this report and approved its release to its customer. |
| **Approval reference** | bf92afd2-6298-45da-bb41-1b5309faa77d |
| **Electronic signature** | Signed electronically in a signed-in GSA staff account. |
| **Original report SHA-256** | 34486ef9ad1eaedb81f7b697a3ab5a486645afb340e57a10ea6b11a1dca97325 |
| **Verify this certificate** | https://goldstandardanalytics.com/coa/GSA-2026-499136 |

Scan to view this certificate online

**Signature**



Ian Ebert, Laboratory Director

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