# BatchTest Laboratories

*Independent batch verification · Company 17328218, England*

# CERTIFICATE OF ANALYSIS

**MS40-20260929-02**

Rev 1.4 · issued 26 November 2026 · BTL-COA-MS40-20260929-02

**TESTING COMPLETE · SEE FLAGGED RESULTS**

Our checks on 29 September 2026; independent HPLC-UV, quantified against an external reference standard analysis by Uzorak, 6 October 2026, report T00-354.

| | |
|---|---|
| Product | **MOTS-c 40 mg** |
| Pack | **40mg × 10vials** |
| Form | **Lyophilised powder** |
| Storage | **-20°C, dark, dry** |
| Use | **Research use only** |

**This lot online**
batchtestlabs.co.uk/record/ms40-20260929-02/
Lab report, raw data and every revision of this document.

PURITY · UZORAK

**98.53%**

Target ≥ 99.0% · ACCEPTED

NET CONTENT PER VIAL

**44.35 mg**

Label 40 mg · 111% of label · PASS

IDENTITY

**Confirmed**

MOTS-c identified against the laboratory's reference standard

## INDEPENDENT LABORATORY ANALYSIS

| Test | Method | Specification | Result | Status |
|---|---|---|---|---|
| Purity | HPLC-UV, quantified against an external reference standard, Uzorak, Zagreb, Croatia (EU) | ≥ 99.0% (main peak area) | 98.53% | ACCEPTED |
| Net content per vial | HPLC-UV quantification against an external reference standard of known concentration | At least 95% of the label amount; below that is flagged REVIEW | 44.35 mg (label 40 mg) | PASS |
| Identity | Retention time against reference standard | Matches MOTS-c | Confirmed | PASS |
| Purity stated by the supplier | Supplier correspondence, unverified | As stated | 99% | STATED |
| Lab report | Uzorak report T00-354, 6 October 2026 | Verifiable with the lab | uzorak.com/verify/T00354_mots_c_40mg_ms40_20260929_02.pdf report ID T00-354 | VERIFY |

**Acceptance basis:** the result is below the standard ≥ 99.0% purity criterion. Alternate-source batch (order fulfilment) — ≥99.0% main-supplier criterion does not apply; accepted by owner 10 October 2026

## IN-HOUSE CHECKS · 29 SEPTEMBER 2026

| Check | How | Expected | Result |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Identity (appearance) | Visual inspection | White to off-white lyophilised powder | PASS |
| Vial integrity | Visual and tactile | Glass clear, no cracks, crimp tight | PASS |
| Vacuum seal | Needle puncture | Audible suction | PASS |
| Reconstitution | Dissolved in water | Clear solution, no particles | PASS |
| Mixing | Gentle swirl | Dissolves fully | PASS |

**What this certificate tells you.** Two separate things were checked: our own physical inspection of the vials on arrival, and an independent laboratory's chemical analysis of a sample from this same lot. Purity is the share of the main peptide in what was in the vial; net content is how much of it there was, against the 40 mg on the label. The laboratory never saw our result before issuing its own, and its report can be checked with them directly using the report ID above.

*Wayne Marsh*

Issued and electronically signed by Wayne Marsh, Batch Test Laboratories Limited, 26 November 2026

Revision 1.4 supersedes earlier revisions of this document. Every revision stays published on the lot page.

## DOCUMENT HISTORY FOR THIS LOT

| Document | Revision | Date | Change |
|---|---|---|---|
| Certificate of Analysis | Rev 1.3 | 1 November 2026 | Reissued from the site's document tool on 1 November 2026: new layout with headline figures, QR code to the lot page and document history. Results unchanged. |
| Certificate of Analysis | Rev 1.4 | 26 November 2026 | Reissued 26 November 2026: the lot link and QR code now point to batchtestlabs.co.uk, our permanent address. Results unchanged. |

## QUALITY STATEMENT

This lot was inspected according to internal quality-control procedures at Batch Test Laboratories Limited and analysed by the independent laboratory Uzorak. Results marked ACCEPTED fall outside the standard specification, as shown above. The in-house checks are our own observations; the purity, net content and identity figures are the laboratory's, reproduced from report T00-354 without alteration. The supplier's stated purity is included for comparison only and was not verified by us.

## PRODUCT

| | |
|---|---|
| Compound | **MOTS-c · 40mg × 10vials** |
| Form | **Lyophilised powder** |
| Typical appearance | **White to off-white lyophilised powder** |
| Typical solubility | **Freely soluble in water** |
| Storage | **Store at -20°C. Protect from light and moisture.** |

## REGULATORY DISCLAIMER

**Caution:** this product has not been approved for human or veterinary consumption. It is intended for research and laboratory use only. Anyone handling this material assumes all liability for its use in compliance with applicable laws and regulations. Batch Test Laboratories Limited assumes no liability for misuse or misrepresentation of tested materials.

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## HOW TO VERIFY ANY CERTIFICATE OF ANALYSIS

**1. Who did the test?** The seller, or an independent laboratory? Testing you can't trace to a lab you can contact is a claim, not a result.

**2. Is there a report you can check?** A real report has an ID the laboratory will confirm. Ours are listed on the lot page with the laboratory's own link.

**3. Does the number make sense?** Purity says what share of the powder is the peptide; it says nothing about how much powder there is. Ask for net content too.

**4. Be cautious of perfection.** 99.99% with no supporting data, no lab contact and no raw chromatogram should prompt questions.