BatchTest Laboratories

Independent batch verification · Company 17328218, England

CERTIFICATE OF ANALYSIS

MS40-20260929-01

Rev 1.4 · issued 26 November 2026 · BTL-COA-MS40-20260929-01

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 Z40-270.

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/ms40-20260929-01/
Lab report, raw data and every revision of this document.

PURITY · UZORAK

99.58%

Target ≥ 99.0% · PASS

NET CONTENT PER VIAL

37.83 mg

Label 40 mg · 95% of label · REVIEW

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)	99.58%	PASS
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	37.83 mg (label 40 mg)	REVIEW
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 Z40-270, 6 October 2026	Verifiable with the lab	uzorak.com/verify/Z40270_mots_c_40mg_ms40_20260929_01.pdf report ID Z40-270	VERIFY

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

Check	How	Expected	Result
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 REVIEW 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 Z40-270 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.