BatchTest Laboratories

Independent batch verification · Company 17328218, England

BATCH REJECTION REPORT

MS40-20260806-01

Rev 2.3 · issued 26 November 2026 · BTL-REJ-MS40-20260806-01

BATCH REJECTED · NOT SOLD

Independent testing by Janoshik did not confirm this lot. No certificate of analysis will be issued and the lot designation is retired.

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/ms40-20260806-01/
Lab report, raw data and every revision of this document.

PURITY · JANOSHIK

Not measured

Target ≥ 99.0% · N/A

NET CONTENT PER VIAL

Not measured

Label 40 mg

IDENTITY

Not confirmed

No peptide. The only peak was hydroxyacetophenone, a filler compound.

INDEPENDENT LABORATORY ANALYSIS

Test	Method	Specification	Result	Status
Purity	RP-HPLC (UV), Janoshik, Slovakia	≥ 99.0% (main peak area)	Not measured	N/A
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	Not measured	—
Identity	Retention time against reference standard	Matches MOTS-c	Not confirmed	FAIL
Lab report	Janoshik report —	Verifiable with the lab	verify.janoshik.com/tests/221425-MS40_LI3TES5Z5YGW	VERIFY

IN-HOUSE CHECKS · 6 AUGUST 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 FAILED

No peptide. The only peak was hydroxyacetophenone, a filler compound.

INVESTIGATION

Third-party HPLC/MS testing by Janoshik returned no identifiable peptide. Chromatogram showed a single peak corresponding to hydroxyacetophenone — a known filler compound — with no peptide signal detected. This is definitive evidence that the vials contain no identifiable peptide; presumed counterfeit pending reship verification. Supplier account (attributed): a freight forwarder allegedly intercepted and swapped genuine goods for counterfeits. Supplier has committed to reship via new logistics with security seals.

ACTION TAKEN

Batch rejected. Batch designation retired. 21 vials had been sold — proactive recall and full refund initiated within hours of receiving Janoshik results. All affected customers contacted directly. Zero vials remain in circulation. Retained sealed vials archived as teaching exhibits. Reship pending with new authentication measures.

> **What this report tells you.** Our physical checks on arrival cannot detect a vial that contains the wrong substance or none of the named peptide; only the laboratory can. That is why no lot is sold on our checks alone. This lot did not pass the laboratory, so it was never sold and its number will not be reused.

Wayne Marsh

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

Revision 2.3 supersedes earlier revisions of this document. Every revision stays published on the lot page.

DOCUMENT HISTORY FOR THIS LOT

Document	Revision	Date	Change
Rejection report	Rev 2.2	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.
Rejection report	Rev 2.3	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 sent to the independent laboratory Janoshik. The laboratory did not confirm the lot. It is rejected: no certificate of analysis will be issued, the lot was not sold, and its designation is retired. This report is the final document for this lot.

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.