

Certificate of Analysis

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Product identification

Product name	MOTS-c 10 mg
Catalogue / SKU	PL-MOTS-10
Peptigen batch no.	MOT-24001
COA reference	PG-COA-MOT-24001-001
Analysis date	17 February 2026
Appearance	Lyophilised white powder

Analytical results

Parameter	Method	Specification	Result	Status
Appearance	Visual inspection	Lyophilised white powder	Lyophilised white powder	✓ Conforms
Identity	MALDI-MS	MOTS-c reference mass	MOTS-c (m/z 2174.189 [M+H]⁺)	✓ Conforms
Net content	HPLC quantitation	≥ 10 mg per vial	11.38 mg	✓ Conforms
Overall purity	RP-HPLC (214 nm)	≥ 99.0% peak area	99.5%	✓ Conforms
Chromatographic data	RP-HPLC	Single dominant peak	Retention time 2.350 min	✓ Conforms

Release statement

All analytical parameters tested for batch **MOT-24001** of MOTS-c 10 mg meet or exceed the specifications stated in the Analytical Results table above. On the basis of these results, this batch is released by Peptigen Labs Ltd for distribution to verified researchers strictly for laboratory research applications.

Reported by

Tested by	Brown Institute of Biomolecular Research www.brown-biology.com
Analysis date	17 February 2026
Reproduced by	Peptigen Labs Ltd
Date reproduced	02 May 2026

Independent third-party analysis

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