Certificate of Analysis

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Product identification

Product name	**MOTS-c 10 mg**
Catalogue / SKU	**PL-MOTS-10**
Peptigen batch no.	**MOT-24002**
COA reference	**PG-COA-MOT-24002-001**
Analysis date	**05 August 2026**
Appearance	**White to off-white lyophilised powder**

Analytical results

Parameter	Method	Specification	Result	Status
Appearance	Visual inspection	White to off-white lyophilised powder	**White lyophilised powder**	✓ **Conforms**
Identity	MALDI-MS	MOTS-c reference mass	**MOTS-c (m/z 2174.200 $[M+H]^+$)**	✓ **Conforms**
Net content	HPLC quantitation	10 mg per vial	**10 mg**	✓ **Conforms**
Overall purity	RP-HPLC (214 nm)	≥ 99.0% peak area	**99.83%**	✓ **Conforms**
Chromatographic data	RP-HPLC	Single dominant peak	**Retention time 3.65 min**	✓ **Conforms**

Release statement

All analytical parameters tested for batch **MOT-24002** 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	**05 August 2026**
Reproduced by	**Peptigen Labs Ltd**
Date reproduced	**26 October 2026**

Independent third-party analysis

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