

Certificate of Analysis

Analytical Testing Report · MOTS-c

SAMPLE IDENTIFICATION

Analyte †	MOTS-c	Date requested	—
Client	Pure North Peptides	Date received	4 Sep 2026
Vendor / brand †	purenorthpeptides.com	Date tested	9 Sep 2026
Lot number †	PNP-MOT-1002	Date reported	12 Sep 2026
Molecular formula	C101H152N28O22S2	Sample ID	SAMPLE-MOTS-091226
Theoretical mass	2174.60 g/mol	Quantity received †	One sealed vial, lyophilized
Condition on receipt	Intact and sealed on arrival, label legible.		

† Client-declared information. Results apply to the sample tested. Full reporting statements accompany the online verification record.

HPLC-UV PURITY & CONTENT ANALYSIS

METHOD · RP-HPLC-UV 214 NM · SPEC ≥ 98.0%

Expected content †	40.00 mg
LABEL CLAIM	
Mass	42.20 mg
SAMPLE AS RECEIVED	
Purity	99.74%
HPLC AREA PURITY	
Fill accuracy	105.5%
MASS OVER LABEL CLAIM	



Fig. 1 · Product photograph

APPEARANCE

Appearance	White lyophilized powder
Cap colour	Purple

PURITY CONFORMS

Client-supplied specification ≥ 98.0% for area purity: this sample meets that specification. Simple acceptance; no guard band. Applies to this specification only.

MOTS-c · HPLC-UV 214 nm

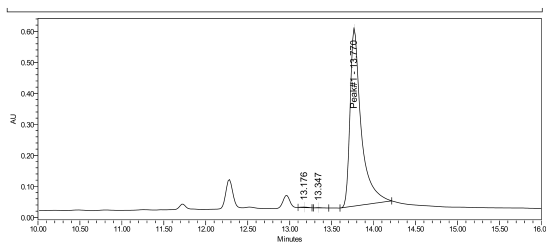


Fig. 2 · Source: Testides LUME-MOTS-40-061626, lot LM-2645. Shared batch confirmed by client.

Content calibrated against MOTS-c working standard, qualified in house. Calculation basis: As received, uncorrected for water and counter-ion content.

AUTHORISATION

CONTROLLED CERTIFICATE RECORD

Canada Peptide Testing
RECORD ENTRY

Canada Peptide Testing
CERTIFICATE RELEASE
2026-09-15

Verify this certificate

Scan for the current certificate, signed results and reporting statements.

canadapeptidetesting.com/certificates/CPT-MOTS-40-091226

Record 291b0341455e1a4975dba856 · signing key k1

Verification key HH08Z7EM7HJ1



SCAN TO VERIFY