



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 †	Mass	Purity	Fill accuracy
40.00 mg	42.20 mg	99.74%	105.5%

PURITY CONFORMS

Measured against the client-supplied specification ≥ 98.0% for area purity, the material described above meets that specification. Decision rule: simple acceptance, the acceptance limit equal to the specification limit, no guard band applied. Conformity applies to that specification only.

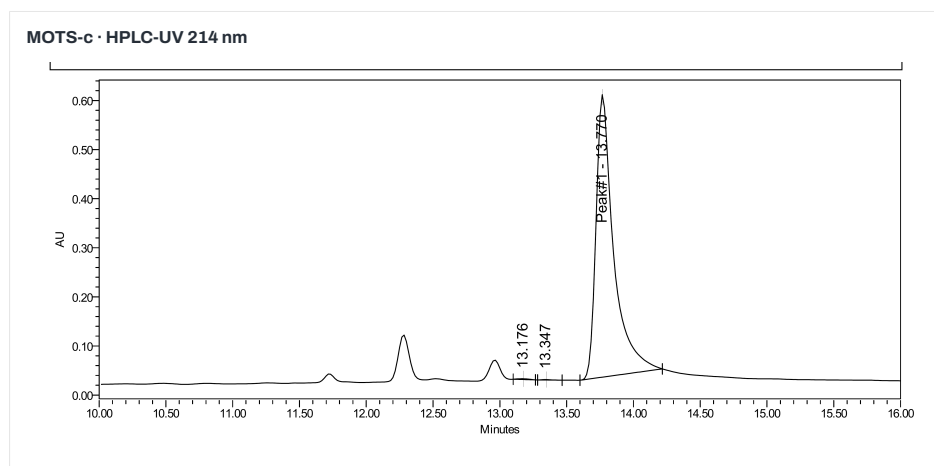


Fig. 1 · Source: Testides LUME-MOTS-40-061626, lot LM-2645. Shared batch confirmed by client.



Fig. 2 · Product photograph

APPEARANCE

Appearance	White lyophilized powder
Cap colour	Purple

DETECTION 214 nm	COLUMN C18, 4.6 x 150 mm, 5 um	MOBILE PHASE Water / acetonitrile, 0.1% TFA	GRADIENT 5 to 65% B over 20 min
FLOW RATE 1.0 mL/min	INJECTION 20 uL	RUN TIME 25 min	INTEGRATION Area % of total response

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
2026-09-12

Verify this certificate

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

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

Record 3fd8e94cecd08cccf1870e8 · signing key k1

Verification key HH08Z7EM7HJ1



SCAN TO VERIFY