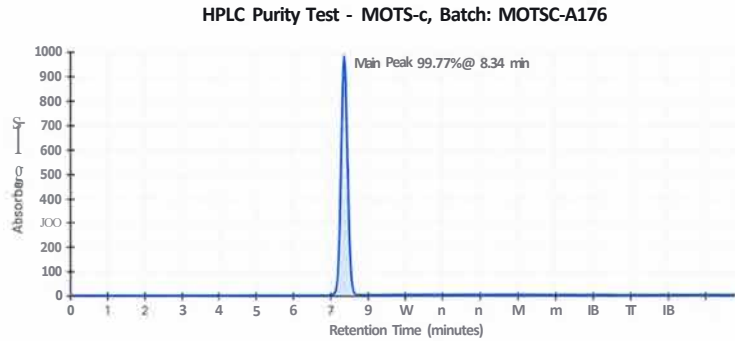




BR PEPTIDES ONLINE CERTIFICATE OF ANALYSIS

BATCH VERIFICATION

BATCH	MOTSC-A176
Date	04.03.2026
Purity	99.77% HPLC
Heavy Metals	Non-detected



TECHNICAL PROPERTIES

Property	Details
Product	MOTS-c peptide (mitochondrial-derived peptide)
Identifiers	CAS 1334170-40-5
Molecular Formula	$C_{62}H_{96}N_{16}O_{13}$
Molecular Weight	639.80 g/mol
Storage	Powder stable 3 yrs (-20 °C), 2 yrs (4 °C), 3 mo (25 °C). Reconstituted -80 °C 6 mo, -20 °C 1 mo, 20 °C 1 wk.
Chemical Structure	Met-Arg-Trp-Gln-Glu-Met-Leu-His-Arg-Leu-Leu-Arg-Glu-Lys-Tyr-Arg (MRWQEMLH RLLREK YR)

TEST RESULTS

Test Item	Specification	Method	Result
Appearance	White to off-white lyophilized powder	Visual	Conforms
Purity (HPLC)	≥98.5%	HPLC	99.77%
TFA Content	≤ 0.50% w/w	NMR	Conforms
Identification	Consistent with reference	MS/NMR	Pass

Certified by: *MQ-flv*

Assurance Date: 04/03/2026

This Certificate of Analysis confirms testing performed on the batch identified above. Manufactured in the Czech Republic and tested in collaboration with Axonis Analytics, all analyses were conducted using validated HPLC and NMR methods. Results are specific to this batch only and have been verified by Hangzhou Apeptides' Quality Control Department.