



Certificate of Analysis

Biogenica Labs • Analytical Services Division
ISO/IEC 17025-aligned testing • GMP-grade analysis

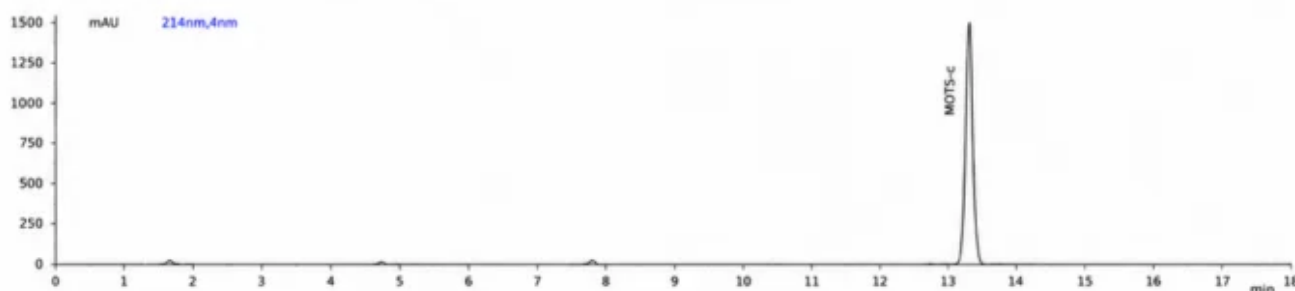
Accession Number	Client	Sample Code	Received Date	Reported Date
AC-MOTS001-2604	Westcoast Labs	AM-MOTS001	2026-04-05	2026-04-12
Product	MOTS-c	Lot Number	MOTS001	
Variant	20MG	Net Peptide Content	22.47 mg	
Label Strength	20 mg	Purity (HPLC)	99.482%	
Identity Confirmation	Conforms (MS)	Appearance	White lyophilized powder	
Molecular Formula	C ₂₁₇ H ₃₃₄ N ₆₈ O ₆₂ S ₂	Molecular Weight	4995.64 g/mol	
CAS Number	1627580-64-5	Test Article State	Lyophilized solid	

ANALYTICAL METHODS • RP-HPLC (214 nm) | LC-MS (ESI+) | Appearance / Solubility

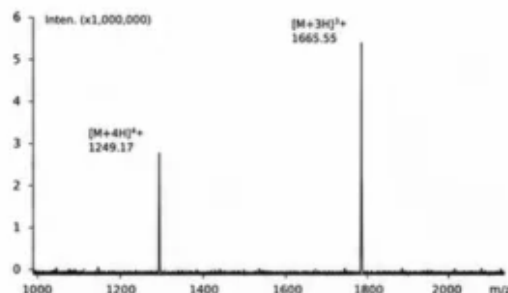
Mass Identification

Theoretical [M]	Observed [M+3H] ³⁺	Observed [M+4H] ⁴⁺	Result
4995.64 Da	1665.55 m/z	1249.17 m/z	Conforms

HPLC Chromatogram — Purity 99.482%



Mass Spectrum (LC-MS, ESI+)



Released by Biogenica Labs

Tested and approved in accordance with internal quality control procedures.
Date of Release: April 12, 2026

COA No.

AC-MOTS001-2604

Document Revision: 01

Issued: 04/12/2026 • Expires: 04/12/2028

This Certificate of Analysis is issued by Biogenica Labs and certifies that the sample identified above was tested using validated analytical methods and met the specifications stated herein at the time of release. This material is sold strictly for laboratory research use only (RUO) and is not for human or veterinary use, food, household, or any clinical application. Results apply only to the lot and sample tested. Biogenica Labs makes no warranties, express or implied, beyond those stated on this certificate.

Biogenica Labs

241 Molnar Dr, Elmwood Park, NJ 07407, USA

biogenicalabs.com
support@biogenicalabs.com