

MOTS-c 40mg

Client: Velour Research



Sample Name:

MOTS-c 40mg / VRL-MOT-2604

Unit Mass:

38.89 mg

Sample ID:

2605140123

Testing ID:

2605140123

Date Received:

5/4/2026

Source Laboratory:

Freedom Diagnostics

Authorized report on file

Batch documentation file

Analysis Summary

Peptide Test **Complete**

MOTS-c 40mg (CAS# 1627580-64-6) **mg/unit**
38.89

Sample Information

Molecular Weight: **2174.6 g/mol**

Formula: **C100H162N28O25S**

Appearance: **White lyophilized powder**

Chromatographic Purity **99.61%**

HPLC Parameters

Method: **HPLC-UV, LC-MS**

Mobile Phase: **0.1% Formic Acid Water and 0.1% FA CH3OH**

Flow Rate: **1.0 ml/min**

Analytical Column: **XBridge Peptide BEH C18 Column**

Detection Wavelength: **214nm**

Batch data provided for this lot. Product details and vial image are prepared for Velour Research recordkeeping. Products are for laboratory research use only and are not for human or animal consumption.

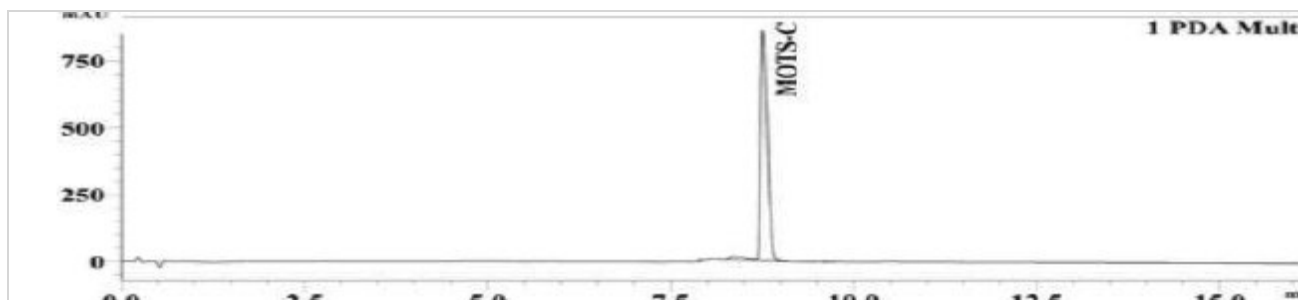
Certificate of Analysis

Peptide Analysis

Complete

Test	Result	Summary	Lot
MOTS-c 40mg (CAS# 1627580-64-6)	38.89 mg	99.61%	VRL-MOT-2604

HPLC Chromatogram



MOTS-c 40mg - VRL-MOT-2604: UV Chromatogram

Method References:

Peptide Analysis - HPLC-UV, LC-MS

Batch Data:

Accession: 2605140123

Lot: VRL-MOT-2604

Testing Location:

Freedom Diagnostics

Batch documentation on file