

Client: Iron Within Research
Accession #: 2606080225
Search Code: Iron2606080225
Received: 06/08/2026
Reported: 06/09/2026
Lot: IWR6626

Sample Summary

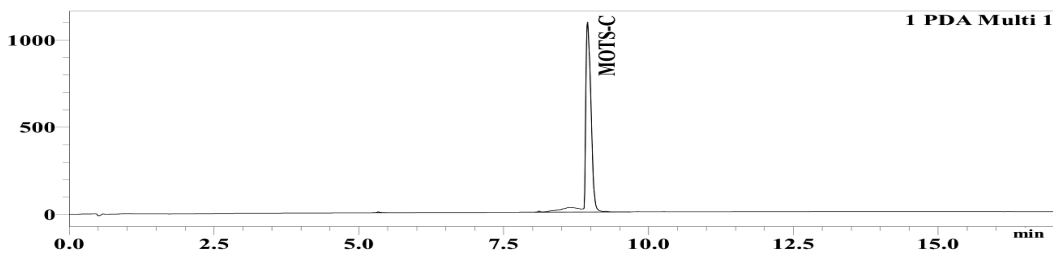
| | | | |
|--------------------|--------------------------|-------------------------|----------|
| Product: | MOTS-C 40mg | Purity: | 99.75% |
| Identity: | Confirmed | Net Content: | 40.16 mg |
| Appearance: | White Lyophilized Powder | Fentanyl Screen: | Negative |

Analytical Results

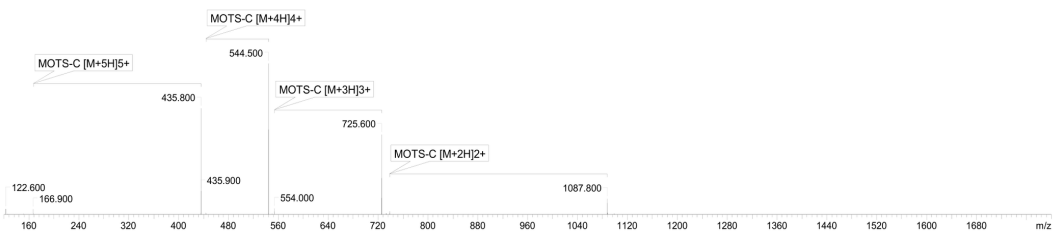
| Test | Result |
|------------------|----------|
| Identity (LC-MS) | MOTS-C |
| Purity (HPLC-UV) | 99.75% |
| Net Content | 40.16 mg |

Method: HPLC with UV detection coupled with mass spectrometry (LC-MS).

Chromatogram



Mass Confirmation



Alex Johnson

Principal Chemist

FreedomDiagnosticsTesting.com
 Admin@FreedomDiagnostics.net
Proudly Owned and Operated in the USA



The peptide purity analysis reported here was conducted using LCMS/MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The peptides tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables.