

# CERTIFICATE OF ANALYSIS SUMMARY

THIRD-PARTY VERIFIED TESTING RESULTS

# MOTS-C

LOT 52610

TESTED 3/2/2026

REPORT IF-824-QSA-TR006-2026-127-32

Prepared from an independent third-party source report.



VIEW THIRD-PARTY ORIGINAL



HPLC PURITY

99.9 %



LABELED CONTENT

20 mg



DATE TESTED

3/2/2026

## REPORT OVERVIEW



REPORT DATE

3/6/2026



DATE TESTED

3/2/2026



LABORATORY SAMPLE ID

005000039049055



STORAGE

R.T.



LABELED AS

MOTS-C



LABELED CONTENT

20 mg



VISUAL DESCRIPTION

Small Clear vial: white sample, white label, black crimp, clear blue plastic cap.



TESTING PURPOSE AND LIMITATIONS

FTIR and HPLC analysis for the identification, purity, potency and composition of a peptide product. It does not provide information on particulate matter, microbial contamination or presence of endotoxins.

## SELECTED TEST RESULTS

| TEST                                         | METHOD     | SPECIFICATION                                                                  | RESULT                                                                                      |
|----------------------------------------------|------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| General Appearance                           | USP <630>  | white powder                                                                   | white powder                                                                                |
| Mass                                         | USP <41>   | As recorded                                                                    | 83.1 mg                                                                                     |
| FTIR Identification and Composition Analysis | USP <197A> | Sample spectrum should confirm the content of peptide via characteristic bands | FTIR sample spectrum confirms the presence of MOTS-C with addition of excipient(s)/fillers. |
| HPLC Purity of Peptide Assay                 | USP <621>  | Specifications: >= 98 %                                                        | 99.9 %                                                                                      |



SOURCE AND VERIFICATION

Testing was performed by BT Labs. Pure Lab Peptides prepared this branded summary from the original signed laboratory report. This summary is not issued or signed by BT Labs.



ORIGINAL SIGNATORIES

Andrea Castro, AS, Scientist-I and Verna Zheng, AS, Scientist-I



ORIGINAL REPORT

[IF-824-QSA-TR006-2026-127-32](#)



SOURCE FILE INTEGRITY

SHA-256: b066657e6f32d42e90010c74a07e2479c719a5ba0f18094dbf9a2b8b5558afb0



SUMMARY SCOPE

This summary presents selected source-report fields. Review the original source report through the QR code or verification link for the complete laboratory record.



RESULTS SCOPE

The results relate only to the tested sample and apply to the sample as received.

## ANALYTICAL EVIDENCE

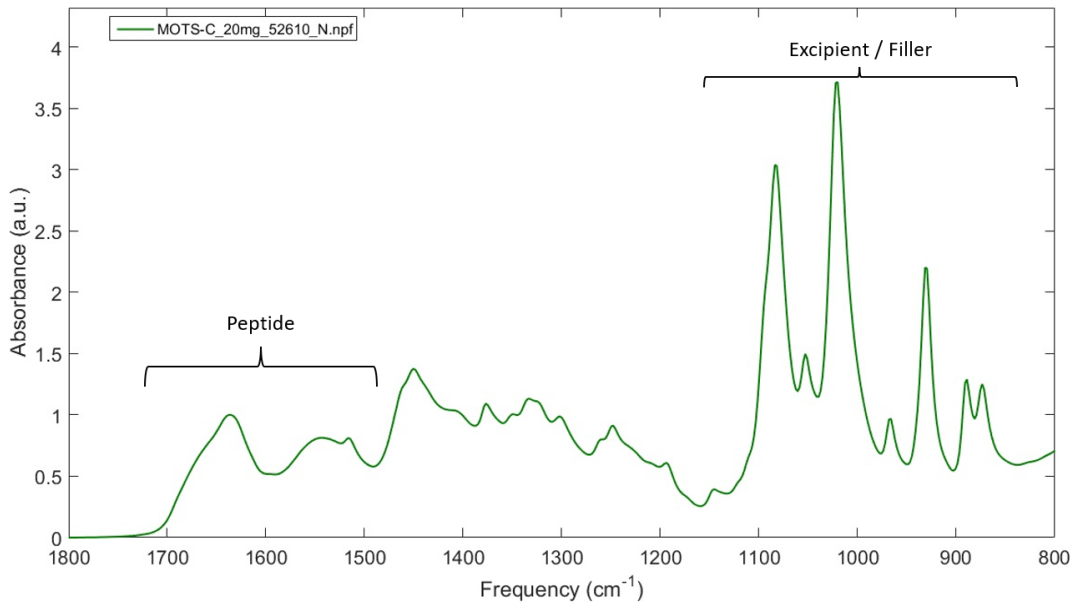
THIRD-PARTY SOURCE DATA FROM THE ORIGINAL SOURCE REPORT

MOTS-C / LOT 52610

IF-824-QSA-TR006-2026-127-32

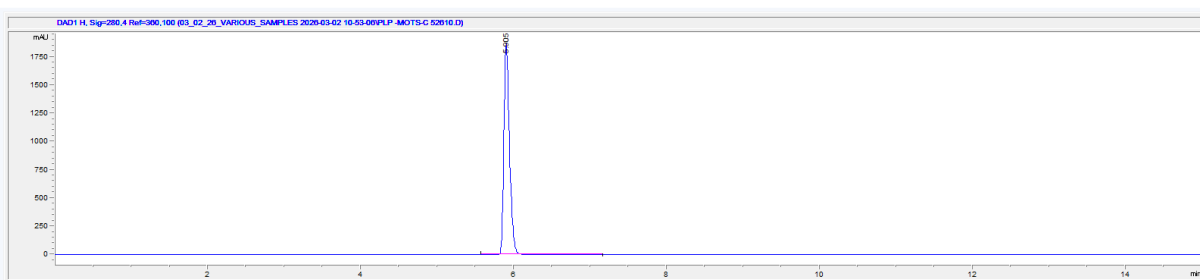
### FTIR ID AND COMPOSITION ANALYSIS / MOTS-C / LOT 52610

THIRD-PARTY SOURCE IMAGE



### HPLC CHROMATOGRAM @ 220 NM / MOTS-C / LOT 52610

THIRD-PARTY SOURCE IMAGE



### PEAK DATA AT 220 NM

| PEAK # | RETENTION TIME (MIN) | AREA (mAU*s) |
|--------|----------------------|--------------|
| 1      | 5.905                | 9490.6       |



The analytical images above were extracted from the original third-party source report without redrawing or altering the underlying data. Use the verification QR code on page 1 to review the complete source report.