



Report #:

IF-824-QSA-TR006-BTL26931-09

Page 1 of 2

Title:

Certificate of Analysis (CoA)



Date: 7/8/2026
Date Tested: 7/7/2026
Customer: Peptide Papi
Testing material: Mots-C
Lot Number: MOT40-0626-C
BT Sample ID: 005000040738212
Labeled Peptide Content/Potency: 40 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, silver holographic label, silver crimp, pink plastic cap.
Labeled as: Mots-C
Manufacturer: C
Testing Purpose: 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.



Test	Method	Specification	Result
General Appearance	USP <630>	white powder	white powder
Mass	USP <41>	As recorded	116.2 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: $\geq 98\%$	99.9 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 40 mg	40.5 mg (101.2 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	40.5 : 75.7 mg (1:1.9)

The results of the CoA relate only to the item(s) tested and applied to the sample as received.

Andrea Castro, AS
Scientist-II
BTLabs

Escarlet Cabrieles, AS
Scientist-II
BTLabs

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407

Phone: (561) 625-0133

E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>

IF-824-QSA-TR006

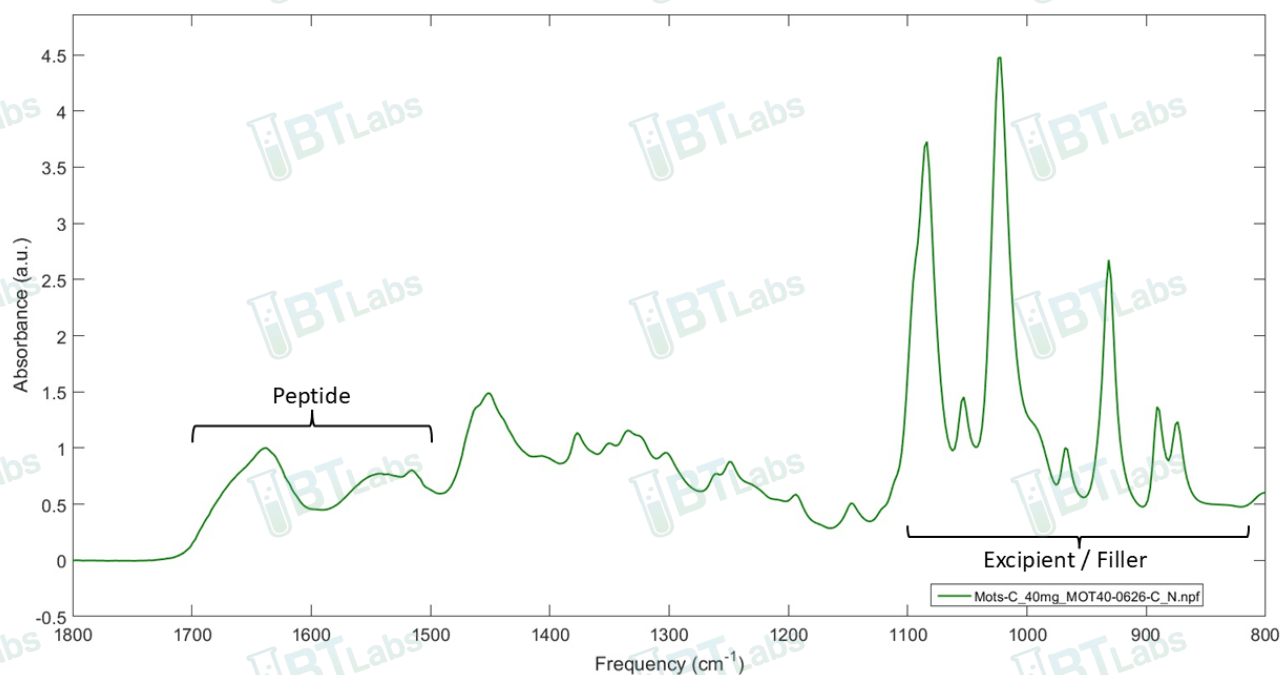
Rev 1.0 January 2025

Title:

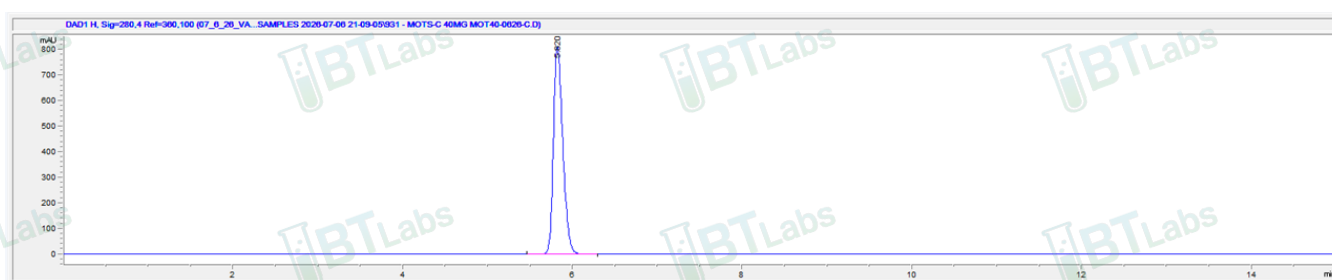
Certificate of Analysis (CoA)



FTIR ID and Composition Analysis: Mots-C Lot MOT40-0626-C



HPLC Purity and Potency Assay @ 280 nm: Mots-C Lot MOT40-0626-C



Mots-C Lot MOT40-0626-C @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	5.82	6233.8