

Title:

## Certificate of Analysis (CoA)

**Date:** 2/17/2026  
**Date Tested:** 2/15/2026  
**Customer:** Finnrick  
**Testing material:** MOTS-C  
**Lot Number:** unspecified  
**BT Sample ID:** 005000038866389  
**Labeled Peptide Content/Potency:** 10 mg  
**Storage:** R.T.  
**Visual Description:** small clear vial: white sample, white label, silver crimp, light purple plastic cap.  
**Labeled as:** MOTS-C  
**Manufacturer:** Lumex Health  
**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	93.2 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: $\geq 98\%$	99.8 %
HPLC Potency Assay	USP <621>	Specifications: 95 – 105% of 10 mg	13.8 mg (138 %)
Peptide-to-Excipients Ratio	USP <1151>	Specifications: Ratios of 1:2 to 1:10 peptide: excipients	13.8 : 79.4 mg (1:5.8)

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

Andrea Castro, AS  
 Scientist-I  
 BTLabs

Verna Zheng, AS  
 Scientist-I  
 BTLabs

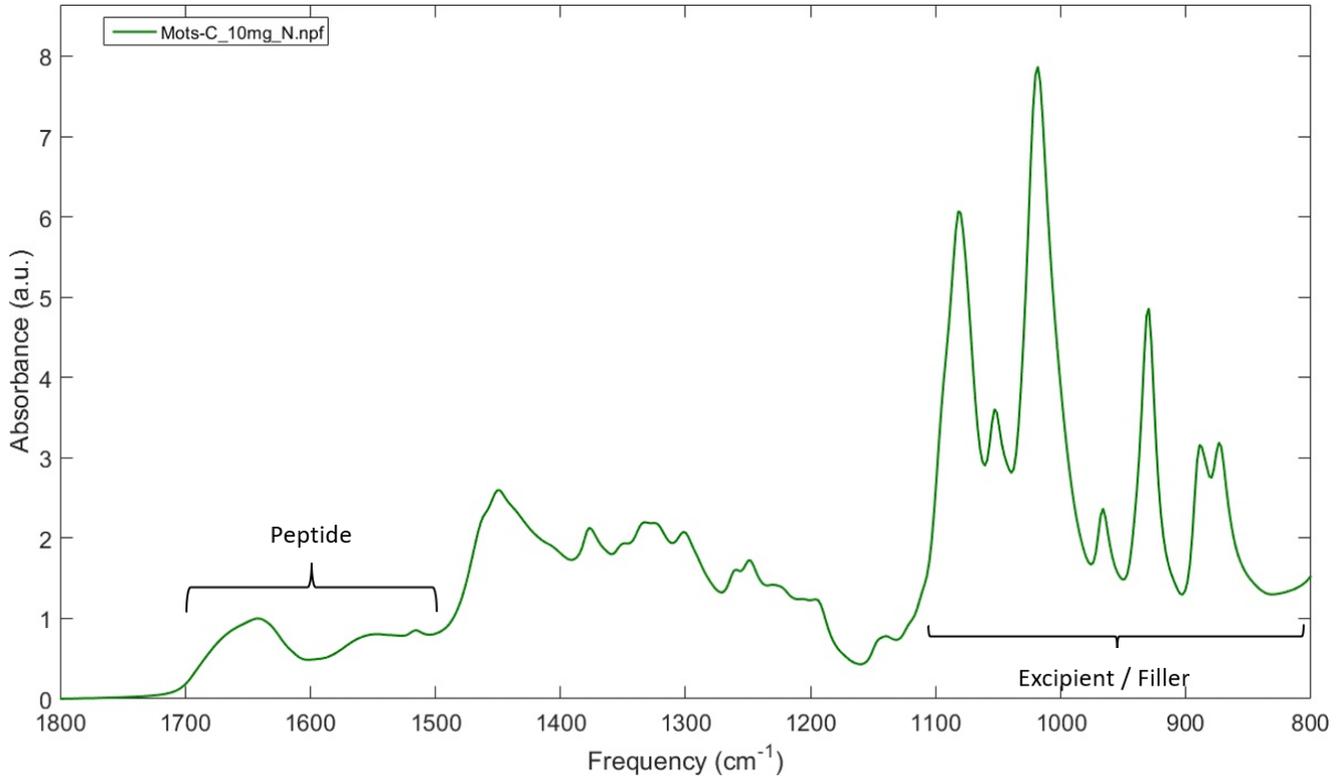
5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407  
 Phone: (561) 625-0133

E-mail: [info@btlabeltesting.com](mailto:info@btlabeltesting.com) | Website: <https://btlabeltesting.com>

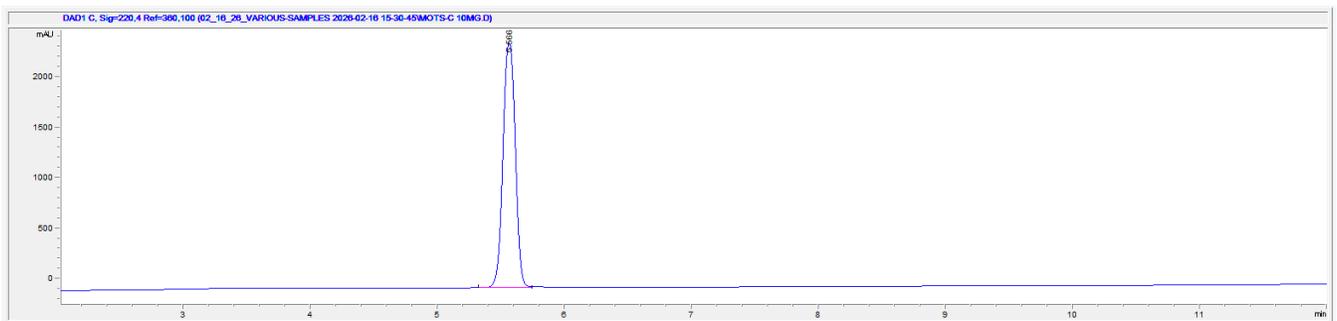
Title:

## Certificate of Analysis (CoA)

### FTIR ID and Composition Analysis: MOTS-C Lot unspecified



### HPLC Purity and Potency Assay @ 220 nm: MOTS-C Lot unspecified



#### MOTS-C Lot unspecified @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	5.566	2744.3