Title:

Certificate of Analysis (CoA)



Date: 10/23/2026
Date Tested: 10/19/2026
Customer: Discovernuera.com
Testing material: Mots-C
Lot Number: unspecified
Sample ID: BTL261012-007-005
Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, gray label, silver crimp, black plastic cap.
Labeled as: Mots-C
Manufacturer: N/A
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	87.8 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 %	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	10.8 mg (108.4 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	10.8 : 77 mg (1:7.1)

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

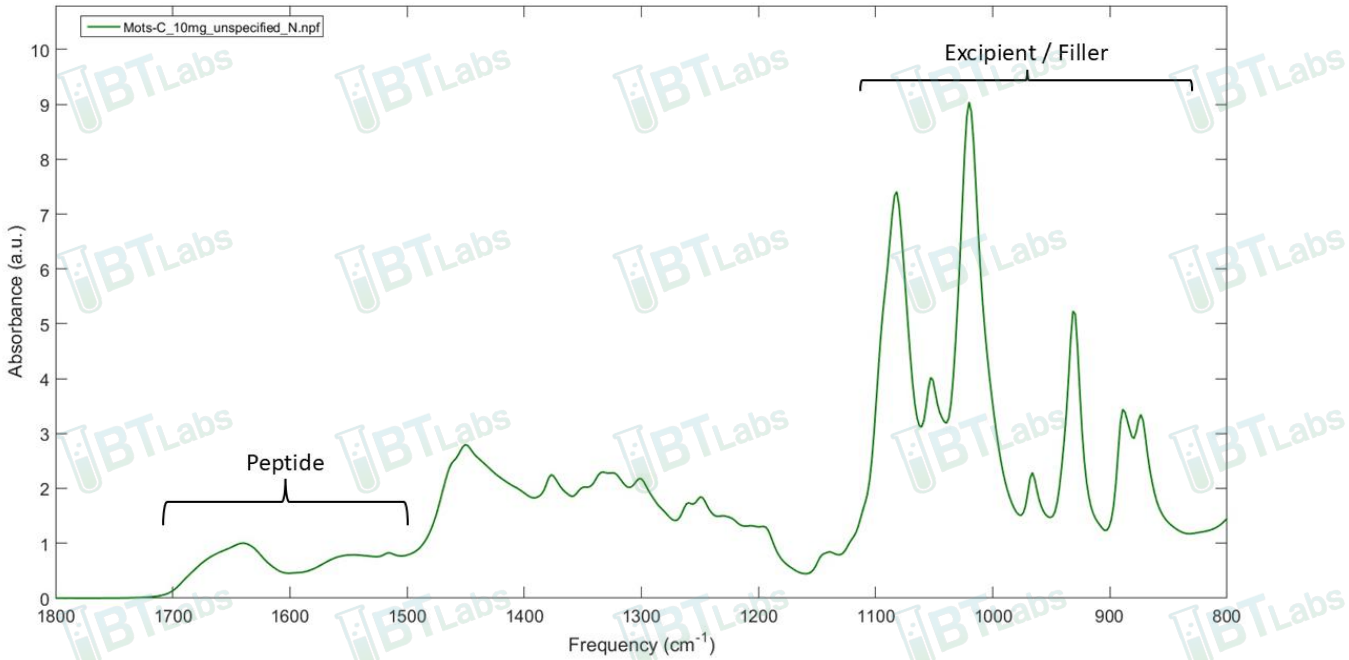
Andrea Castro, BS
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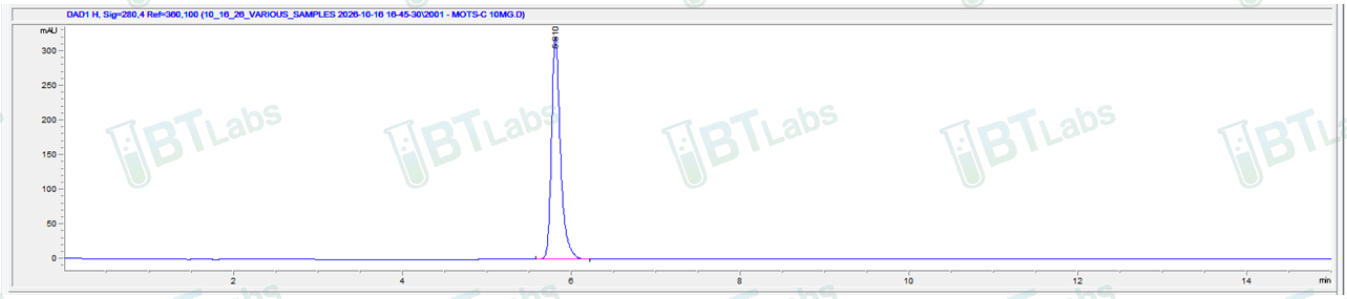
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FTIR ID and Composition Analysis: Mots-C Lot unspecified



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



Mots-C Lot unspecified @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	5.81	2377.7

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