

Title:

Certificate of Analysis (CoA)

Date:	1/23/2026	
Date Tested:	1/22/2026	
Customer:	BioMax	
Testing material:	MOTS-C	
Lot Number:	BRMC101426	
BT Sample ID:	005000038567608	
Labeled Peptide		
Content/Potency:	10 mg	
Storage:	R.T.	
Visual Description:	small clear vial: white sample, white label, silver crimp, pink plastic cap.	
Labeled as:	MOTS-C 10mg	
Manufacturer:	BioMax	
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	98.1 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 such as mannitol.
HPLC Purity of Peptide Assay	USP <621>	Specifications: ≥ 98 %	99.8 %
HPLC Potency Assay	USP <621>	Specifications: 95 – 105% of 10 mg	11 mg (109.8 %)

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

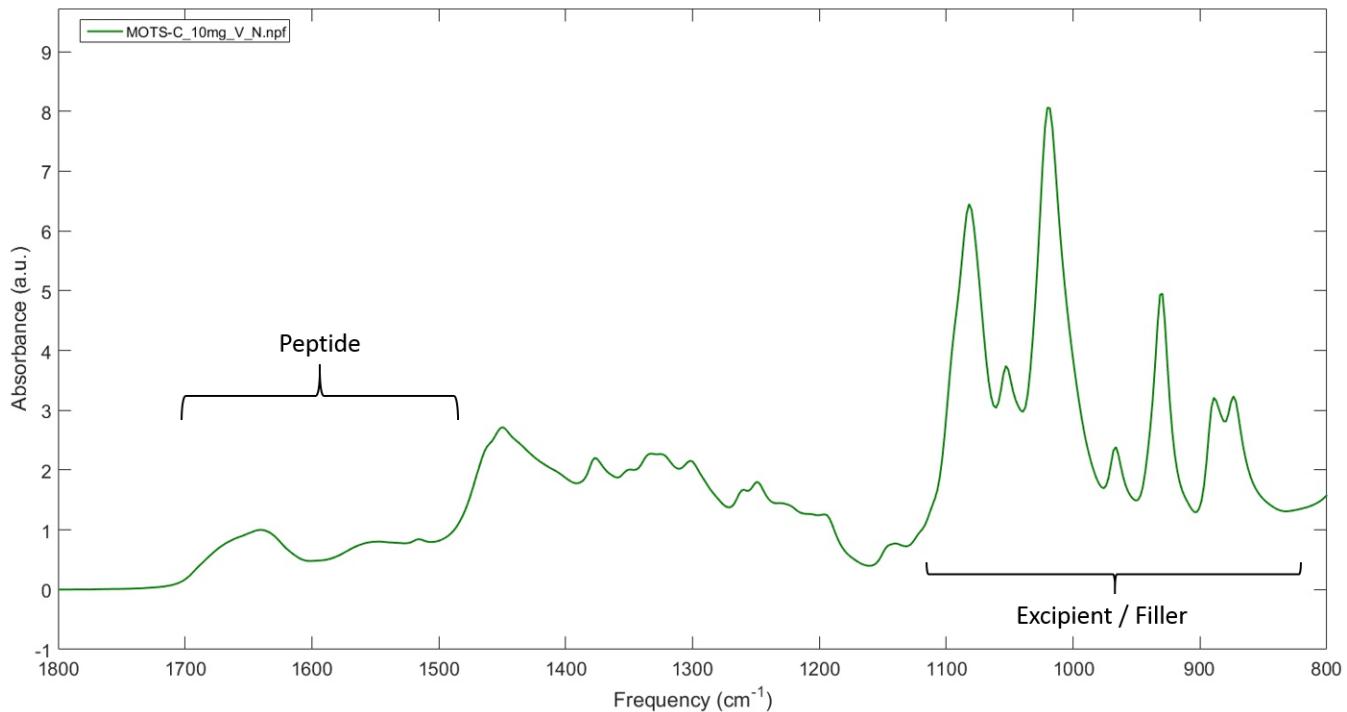
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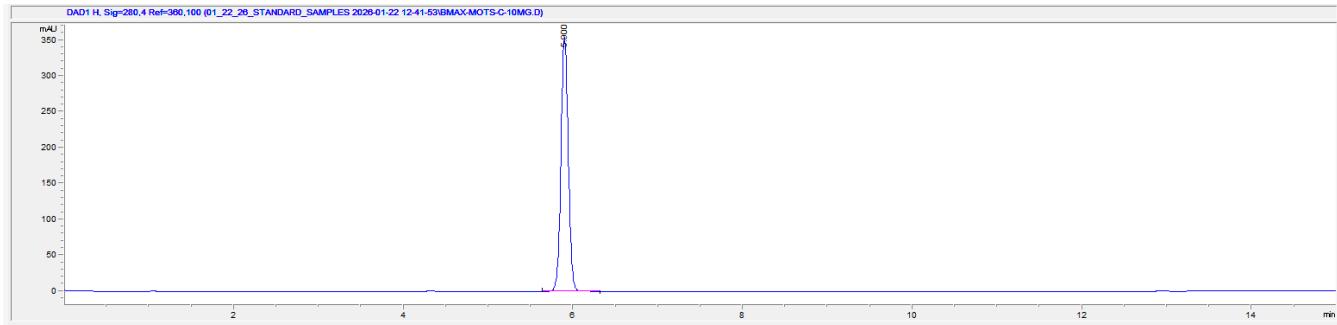
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FTIR ID and Composition Analysis: MOTS-C Lot BRMC101426



HPLC Purity and Potency Assay @ 280 nm: MOTS-C Lot BRMC101426



MOTS-C Lot BRMC101426 @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	5.9	2128

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