

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: $\geq 98 \%$	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.

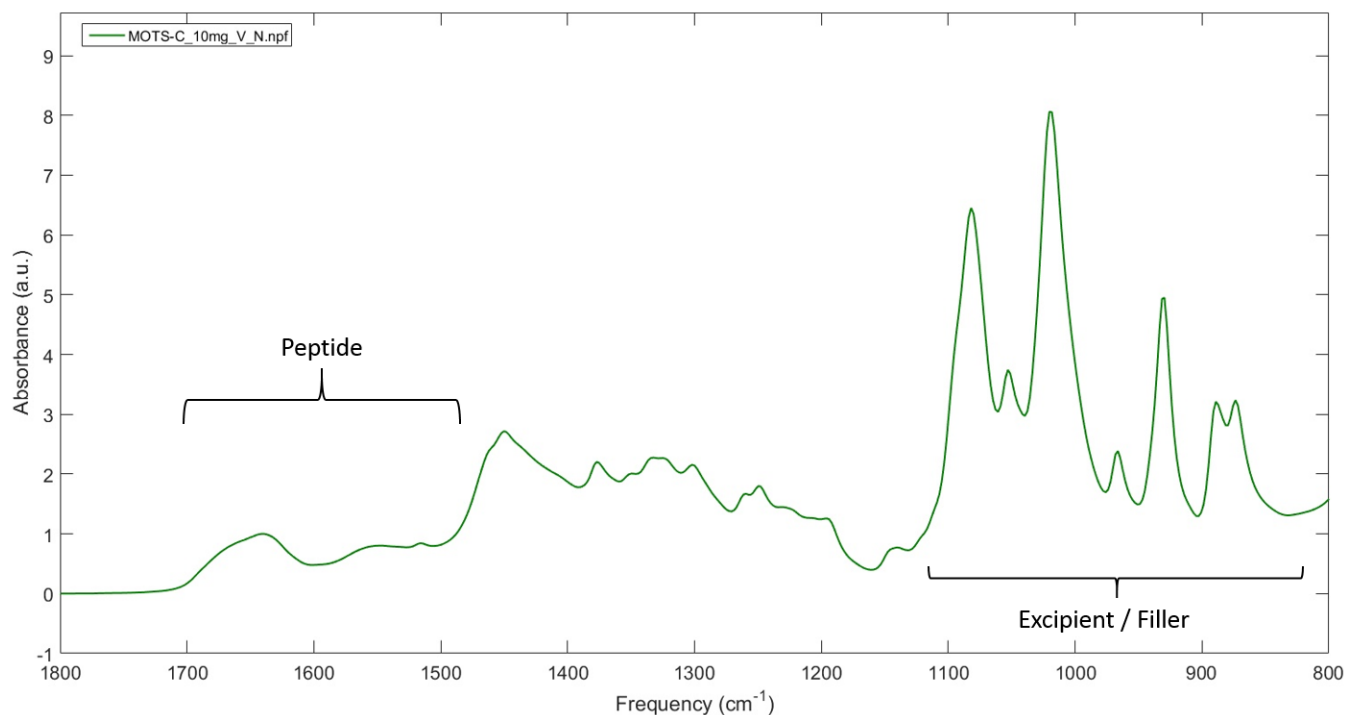
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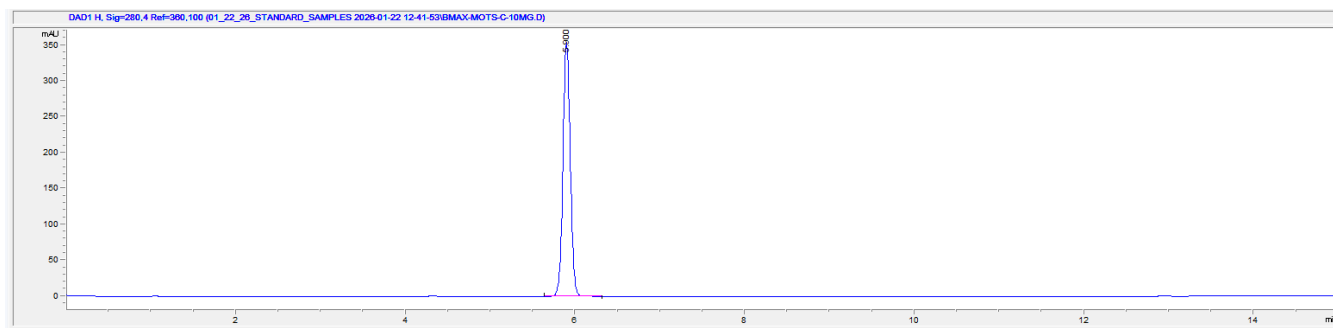
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FTIR ID and Composition Analysis: MOTS-C Lot BRMC101426



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