



Report #:

IF-824-QSA-TR006-BTL26151-03

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Title:

Certificate of Analysis (CoA)

Date: 4/6/2026**Date Tested:** 4/2/2026**Customer:** ShipSync**Testing material:** Mots-C**Lot Number:** POL-M10-07**BT Sample ID:** 5000039507089**Labeled Peptide****Content/Potency:** 10 mg**Storage:** R.T.**Visual Description:** small clear vial: white sample, white label, silver crimp, clear green plastic cap.**Labeled as:** POL-M10-07 A**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	53.8 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: $\geq 98\%$	99.9 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	11.5 mg (115 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	11.5 : 42.3 mg (1:3.7)

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

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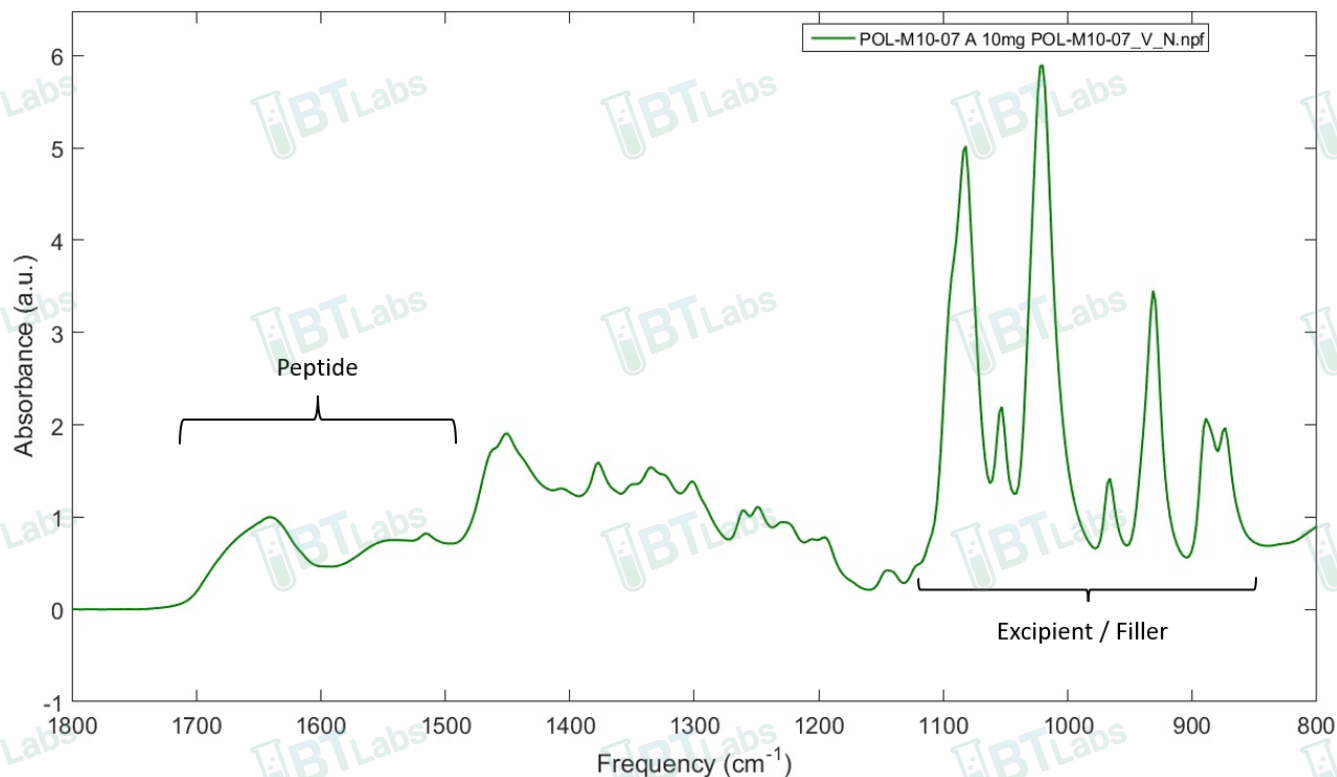
Rev 1.0 January 2025

Title:

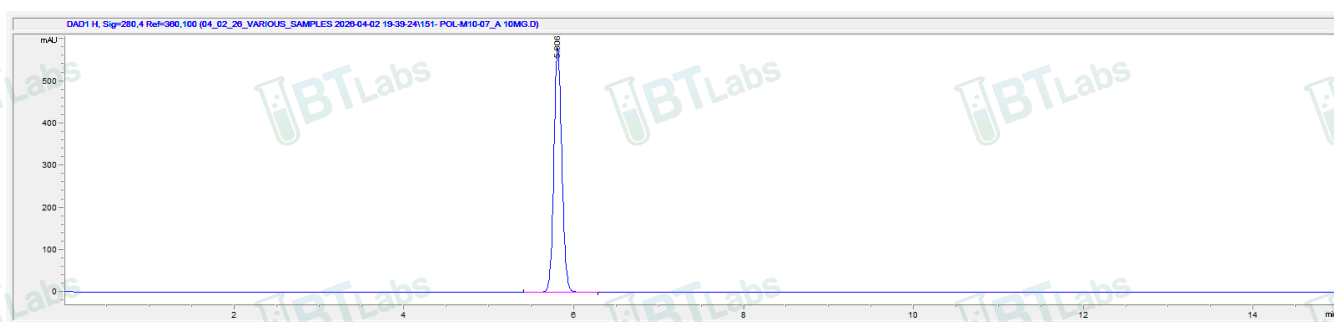
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FTIR ID and Composition Analysis: POL-M10-07 A Lot POL-M10-07



HPLC Purity and Potency Assay @ 280 nm: POL-M10-07 A Lot POL-M10-07



Mots-C Lot POL-M10-07 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	5.806	3845.2

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