



Report #:

COA261620-015

Page 1 of 2

Title:

Certificate of Analysis (CoA)



Date:

Date Tested:

Customer:

Testing material:

Lot Number:

Sample ID:

Content/Potency:

Storage:

Visual Description:

Labeled as:

Manufacturer:

Testing Purpose:

9/26/2026

9/24/2026

Encore Aminos

Mots-C

VA BN CG BA

BTL261620-015

10 mg

R.T.

Small clear vial: white sample, white label, silver crimp, white plastic cap.

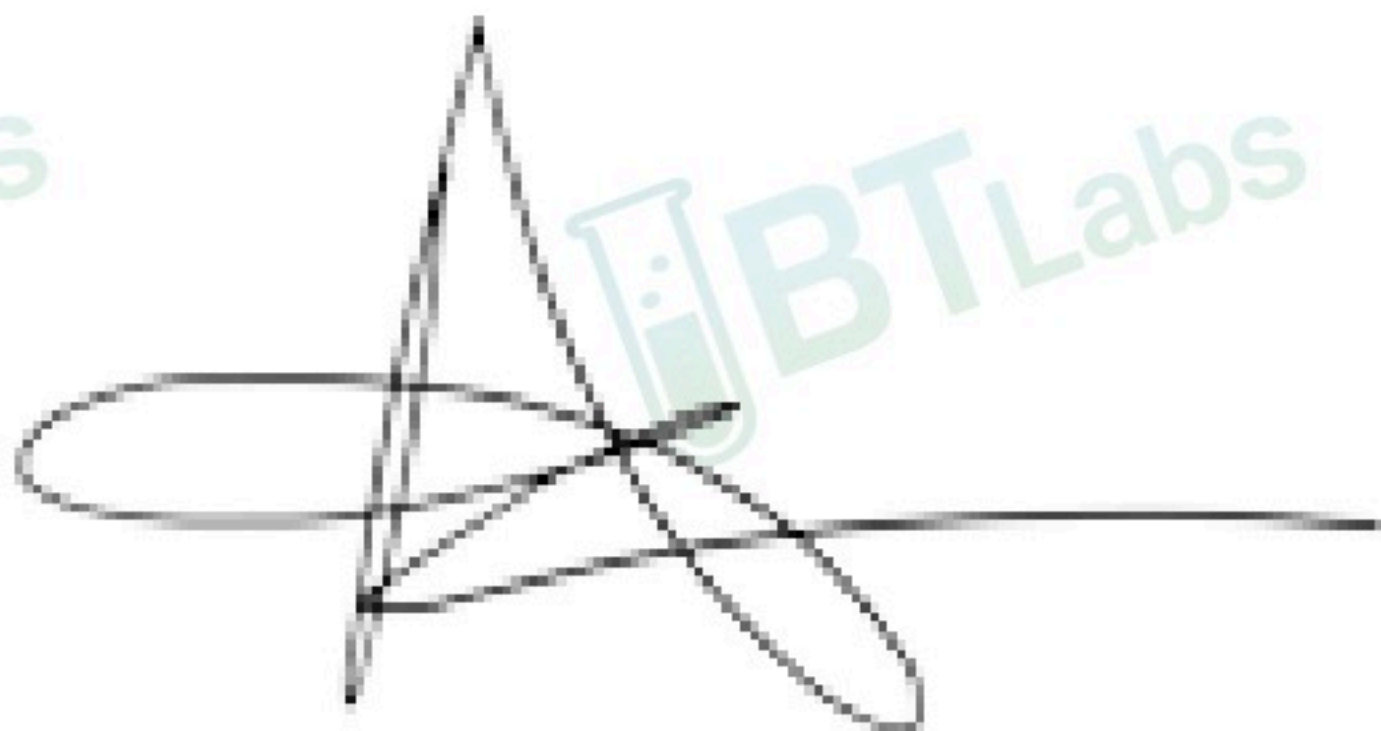
Mots-C

Encore Aminos

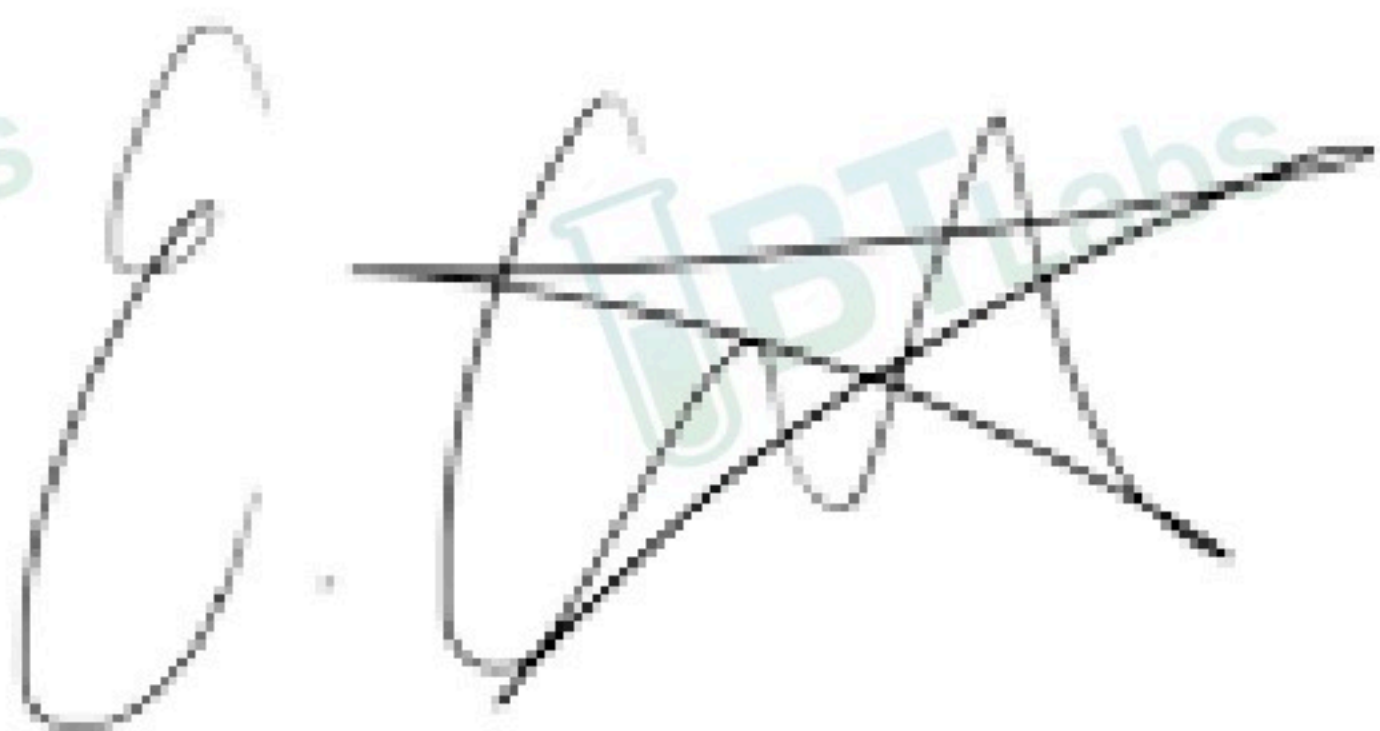
FTIR and HPLC analysis for the identification, purity, potency and composition of a peptide product. It does not provide information on particulate matter, microbial contamination or presence of endotoxins.

Test	Method	Specification	Result
General Appearance	USP <630>	white powder	white powder
Mass	USP <41>	As recorded	91.2 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: $\geq 98\%$	99.9 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	11.9 mg (119.2 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	11.9 : 79.3 mg (1:6.7)

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



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IF - 824 - QSA - TR006

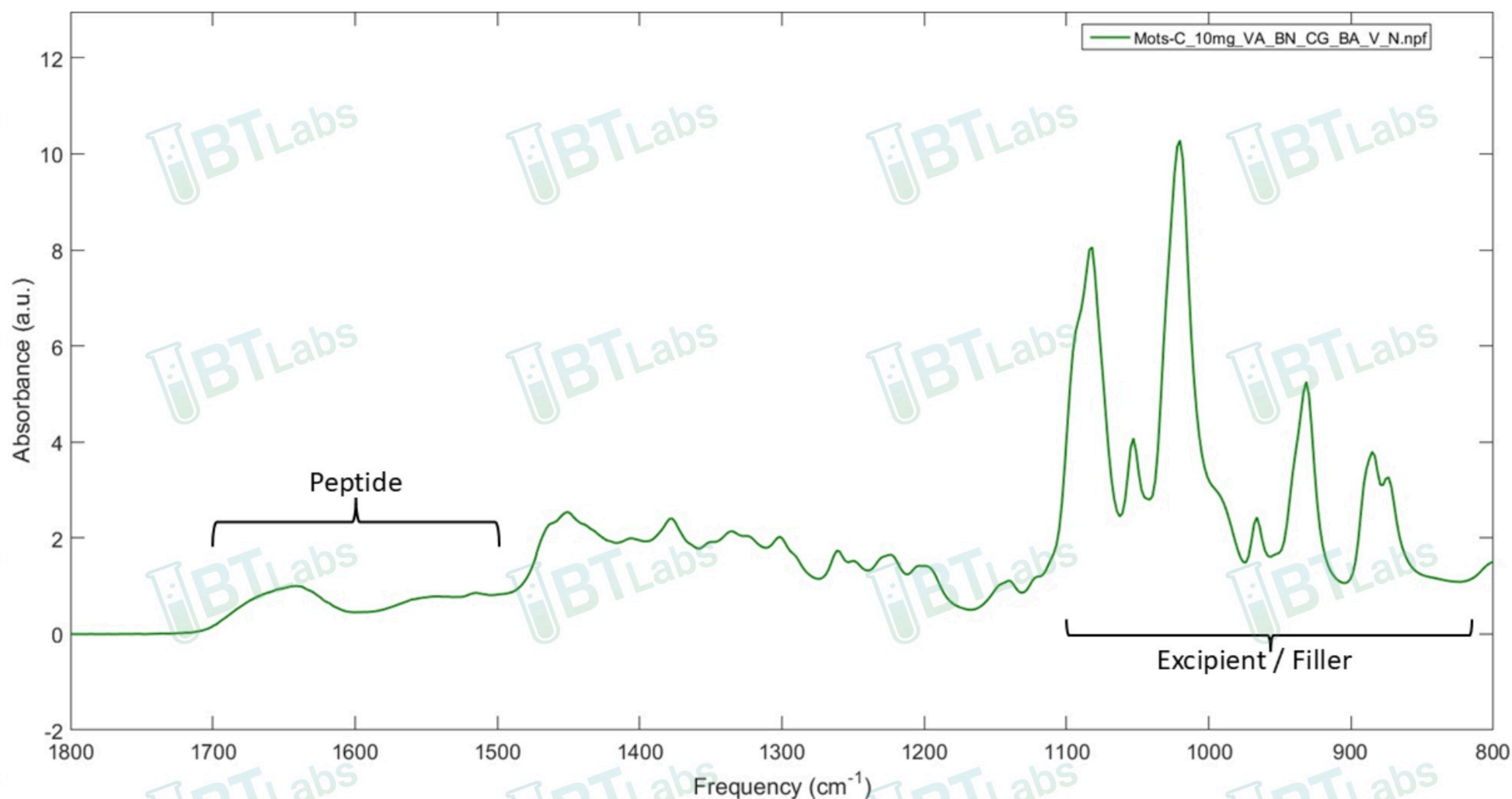
Rev 1. 1 August 2026

Title:

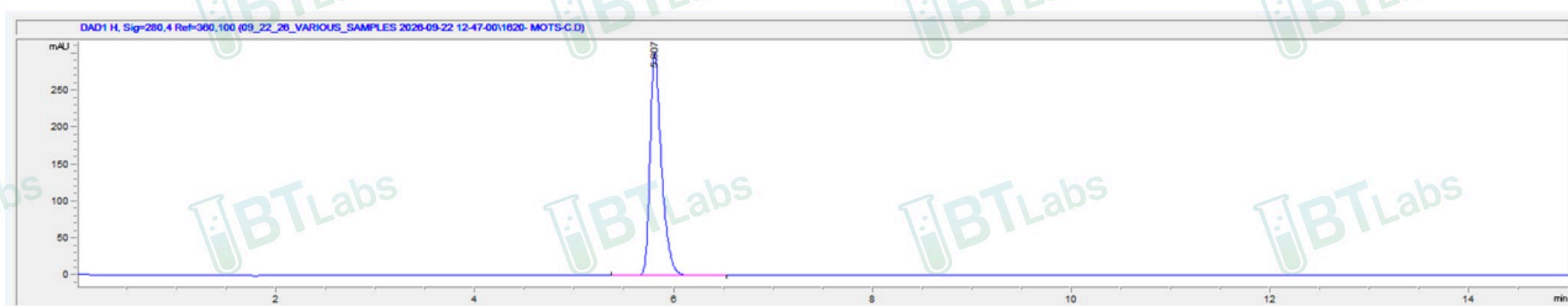
Certificate of Analysis (CoA)



FTIR ID and Composition Analysis: Mots-C Lot VA BN CG BA



HPLC Purity and Potency Assay @ 280 nm: Mots-C Lot VA BN CG BA



Mots-C Lot VA BN CG BA @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	5.807	2425.9