



Title:

Certificate of Analysis (CoA)

Date: 8/27/2026
Date Tested: 8/26/2026
Customer: Encore Aminos
Testing material: 5-Amino-1MQ
Lot Number: VCABCGAB
Sample ID: BTL261137-002
Content/Potency: 50 mg
Storage: R.T.
Visual Description: Small clear vial: orange sample, white label, silver crimp, grey plastic cap.
Labeled as: 5-Amino-1MQ
Manufacturer: Encore Aminos
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>	orange powder	orange powder
Mass	USP <41>	As recorded	112.2 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 5-Amino-1MQ with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.8 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 50 mg	57 mg (114 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	57 : 55.2 mg (1:1)

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

Andrea Castro, BS
Scientist-II
BTLabs

Escarlet Cabrieles, BS
Scientist-II
BTLabs

5601 Corporate Way | Suite 206 | West Palm Beach, FL 33407

Phone: (561) 625-0133

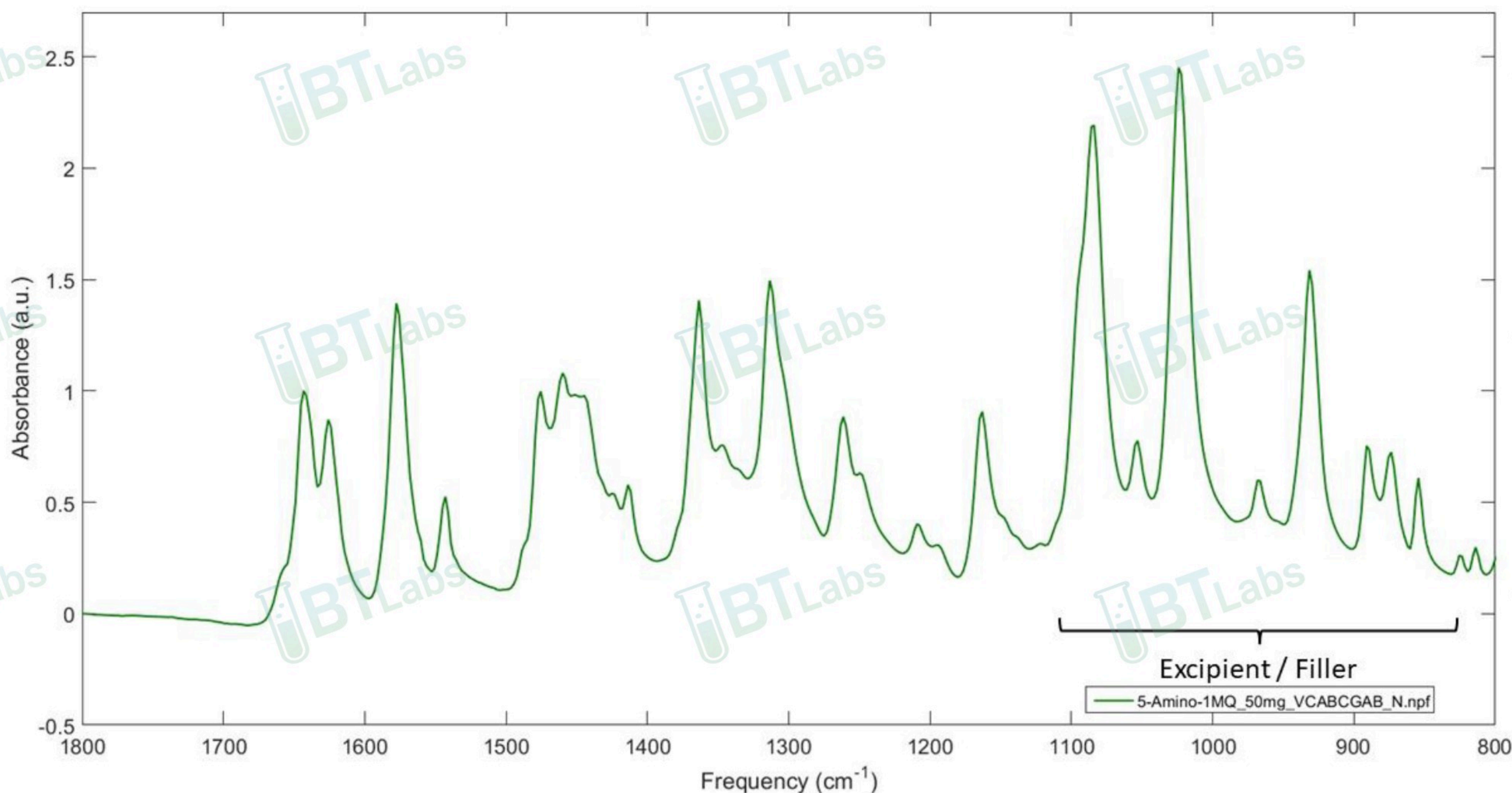
E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>



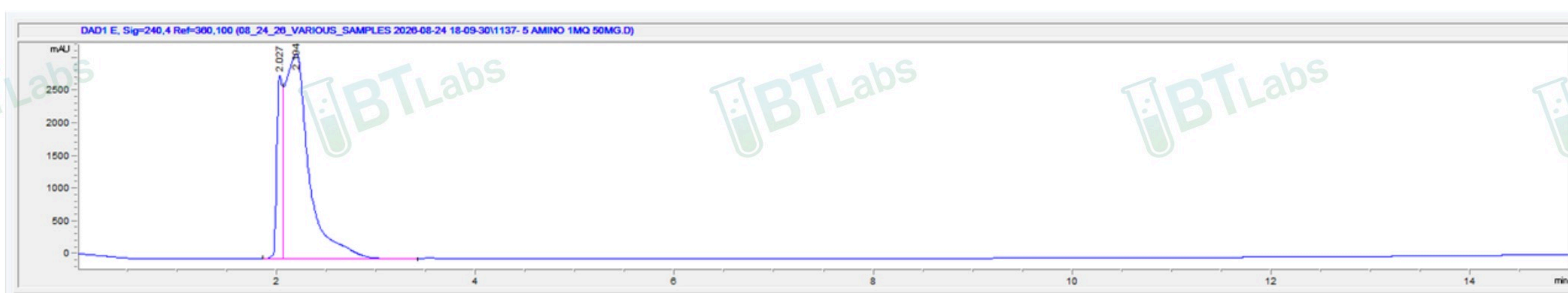
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: 5-Amino-1MQ Lot VCABCGAB



HPLC Purity and Potency Assay @ 240 nm: 5-Amino-1MQ Lot VCABCGAB



5-Amino-1MQ Lot VCABCGAB @ 240 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	2.027	11177.2

5601 Corporate Way | Suite 206 | West Palm Beach, FL 33407

Phone: (561) 625-0133

E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>

IF-824-QSA-TR006

Rev 1.1 August 2026