



Report #:

COA261620-001

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

5-Amino 1MQ

VC AA CG AB

BTL261620-001

10 mg

R.T.

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

5-Amino 1MQ

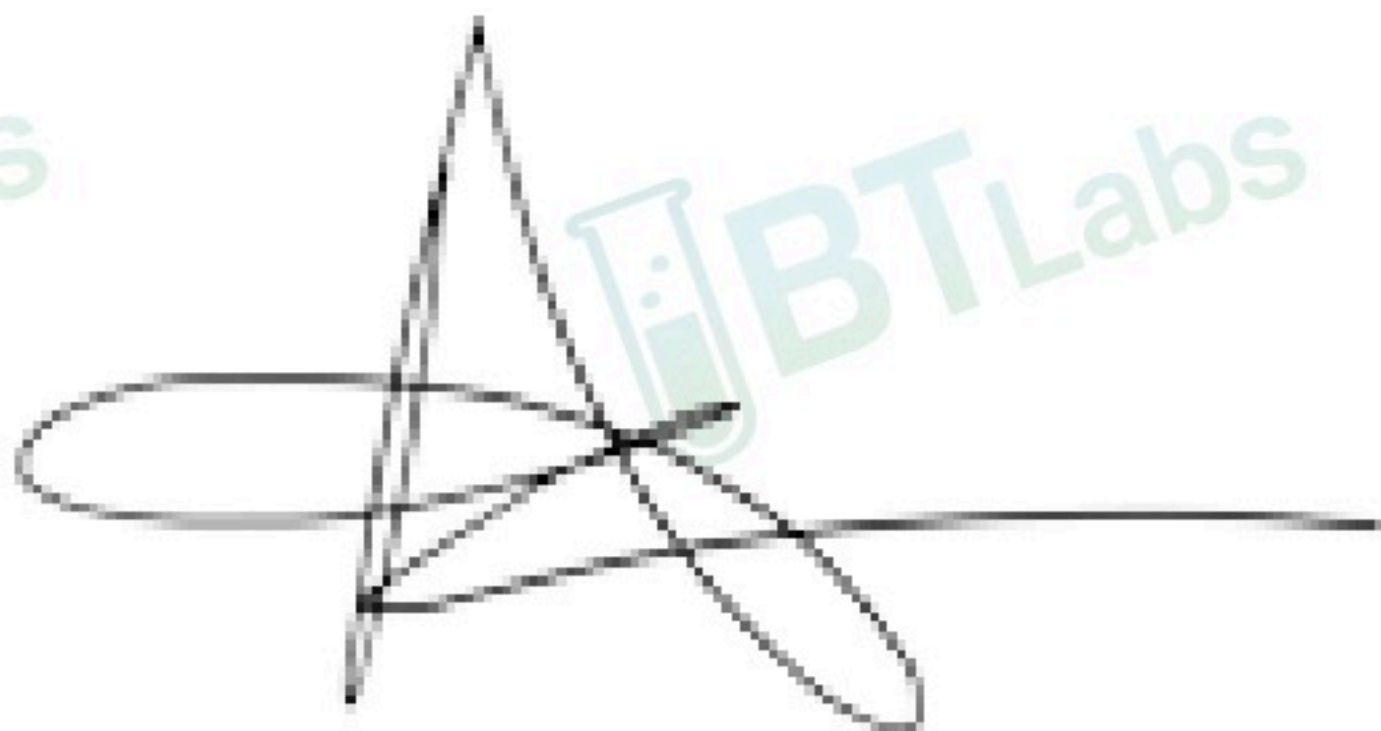
Encore Aminos

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.

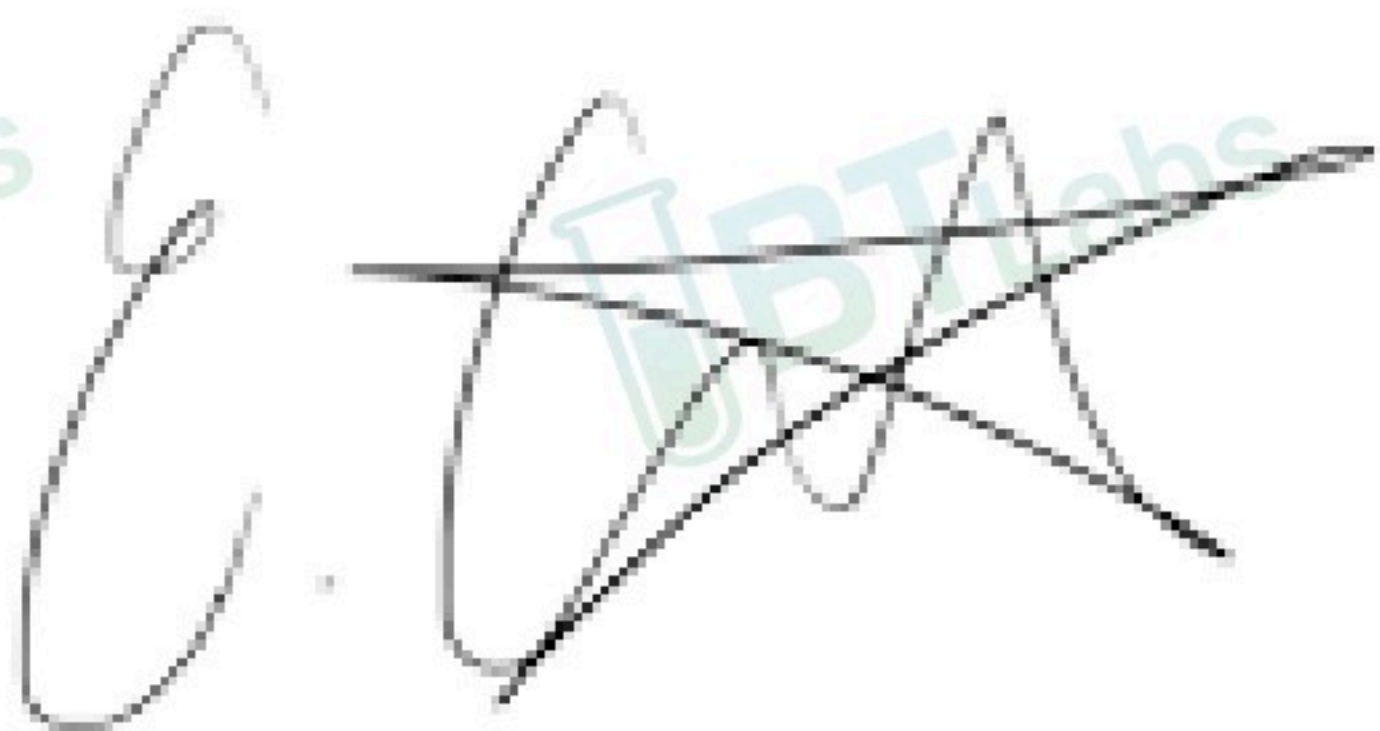


Test	Method	Specification	Result
General Appearance	USP <630>	orange powder	orange powder
Mass	USP <41>	As recorded	56.6 mg
FTIR Identification and Composition Analysis	USP <197A>	Sample spectrum should confirm the content of peptide via characteristic bands	FTIR sample spectrum confirms the presence of 5-Amino 1MQ with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.4 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	12.2 mg (122.3 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	12.2 : 44.4 mg (1:3.6)

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

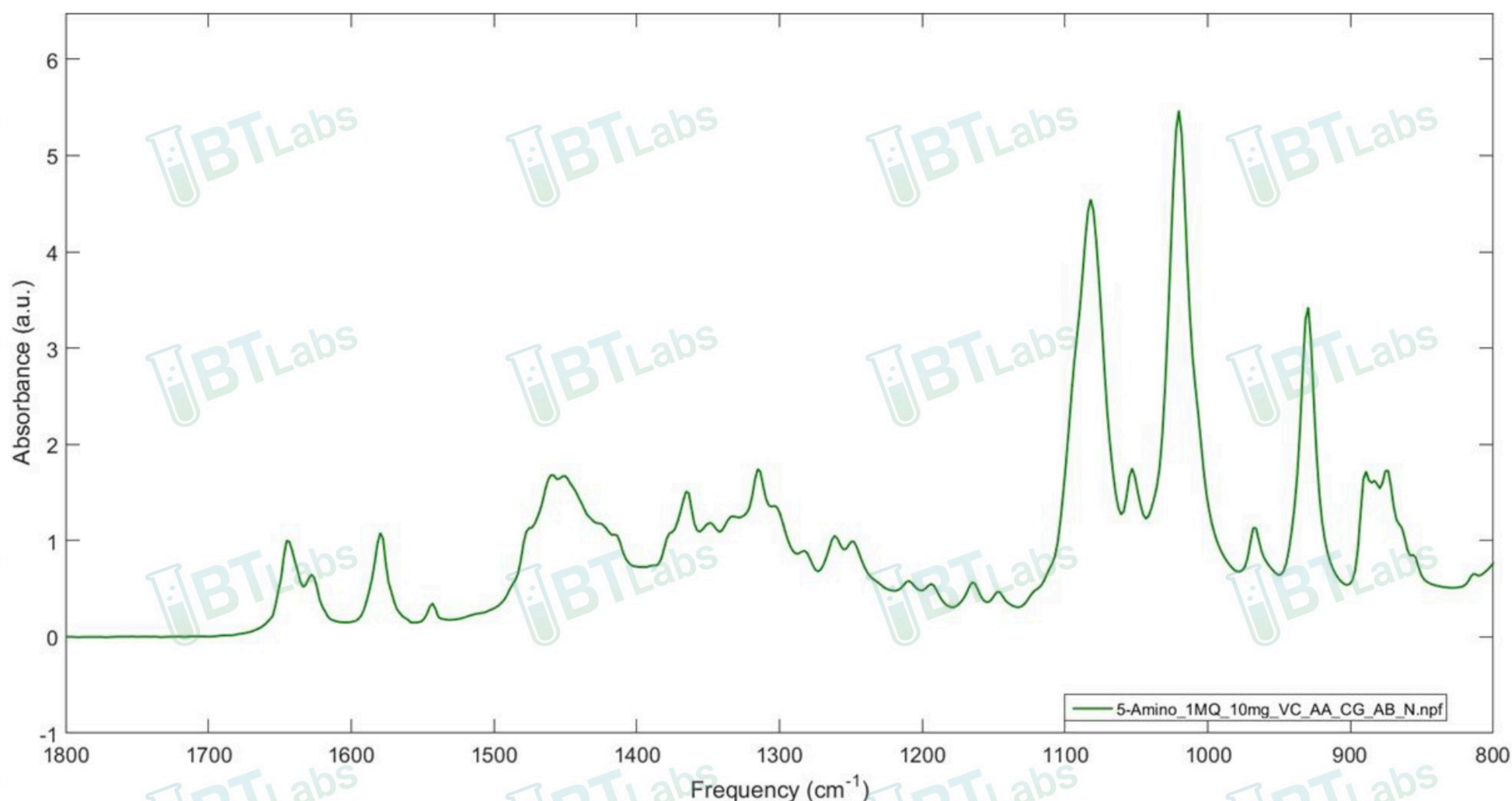
E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>

Title:

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FTIR ID and Composition Analysis: 5-Amino 1MQ Lot VC AA CG AB



HPLC Purity and Potency Assay @ 240 nm: 5-Amino 1MQ Lot VC AA CG AB



5-Amino 1MQ Lot VC AA CG AB @ 240 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	2.143	10563.9

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