



Report #:

COA261620-025

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

TB-500

VD CW CG AC

BTL261620-025

10 mg

R.T.

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

TB-500

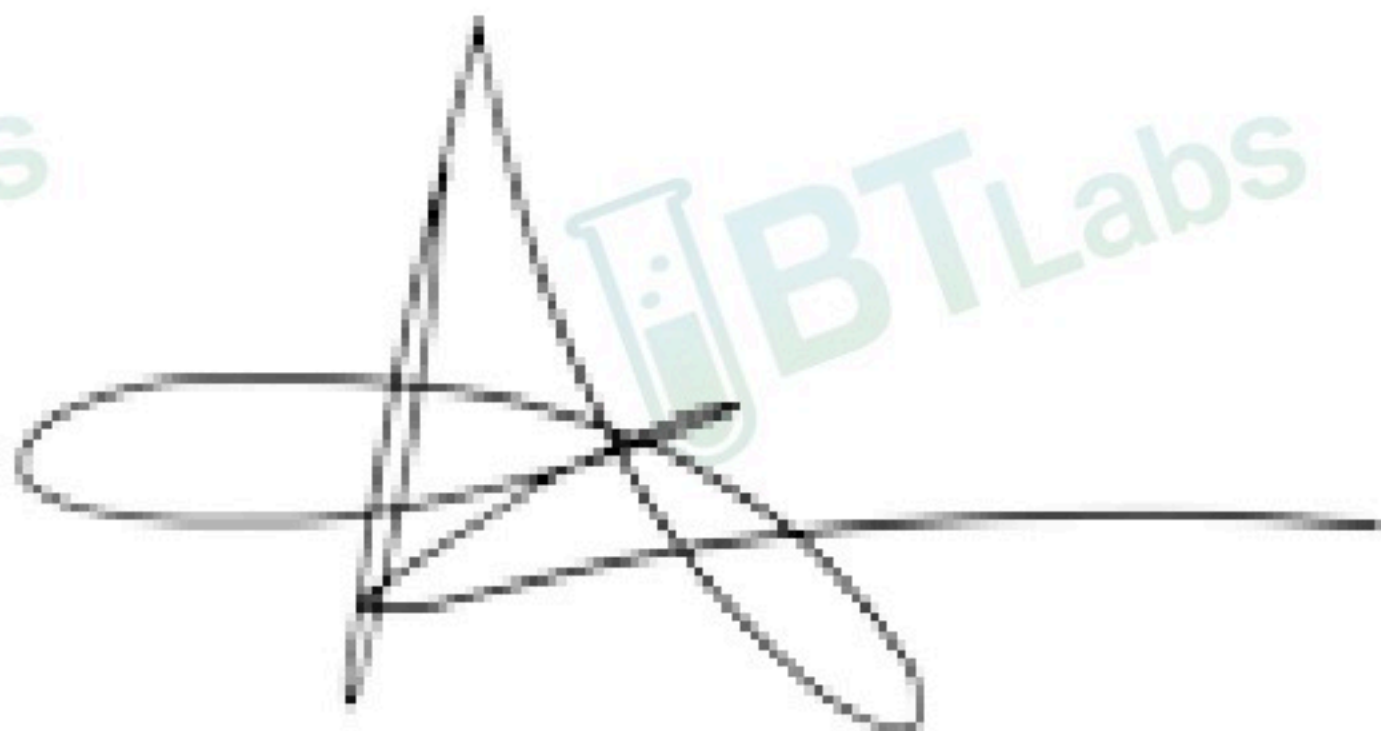
Encore Aminos

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.

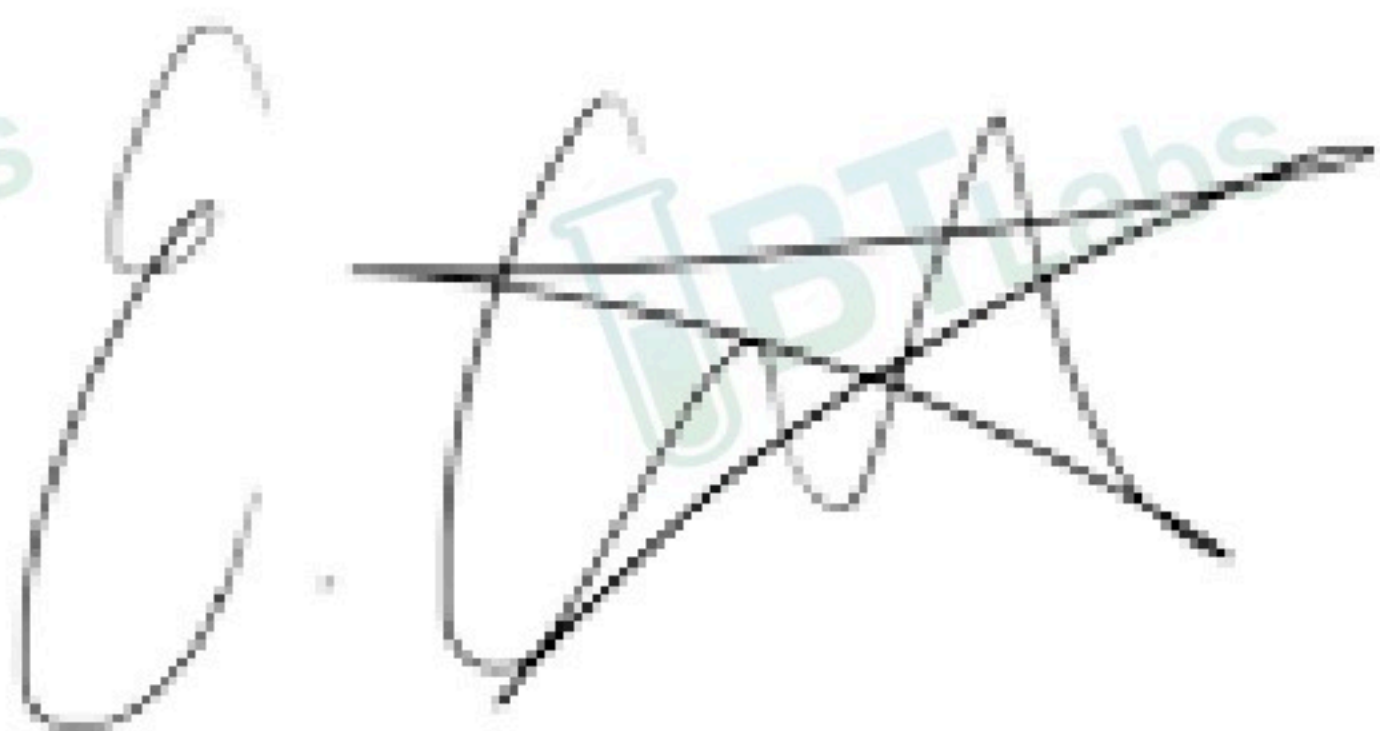


| Test                                         | Method     | Specification                                                                  | Result                                                                                      |
|----------------------------------------------|------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| General Appearance                           | USP <630>  | white powder                                                                   | white powder                                                                                |
| Mass                                         | USP <41>   | As recorded                                                                    | 83.4 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 TB-500 with addition of excipient(s)/fillers. |
| HPLC Purity of Peptide Assay                 | USP <621>  | Specifications: $\geq 98\%$                                                    | 99.5 %                                                                                      |
| HPLC Potency Assay                           | USP <621>  | Specifications: 90 – 110% of 10 mg                                             | 11.2 mg (112.1 %)                                                                           |
| Peptide-to-Excipients Ratio                  | USP <1151> | Recommended ratios of (1:0) to (1:10) for (peptide: excipients)                | 11.2 : 72.2 mg (1:6.4)                                                                      |

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



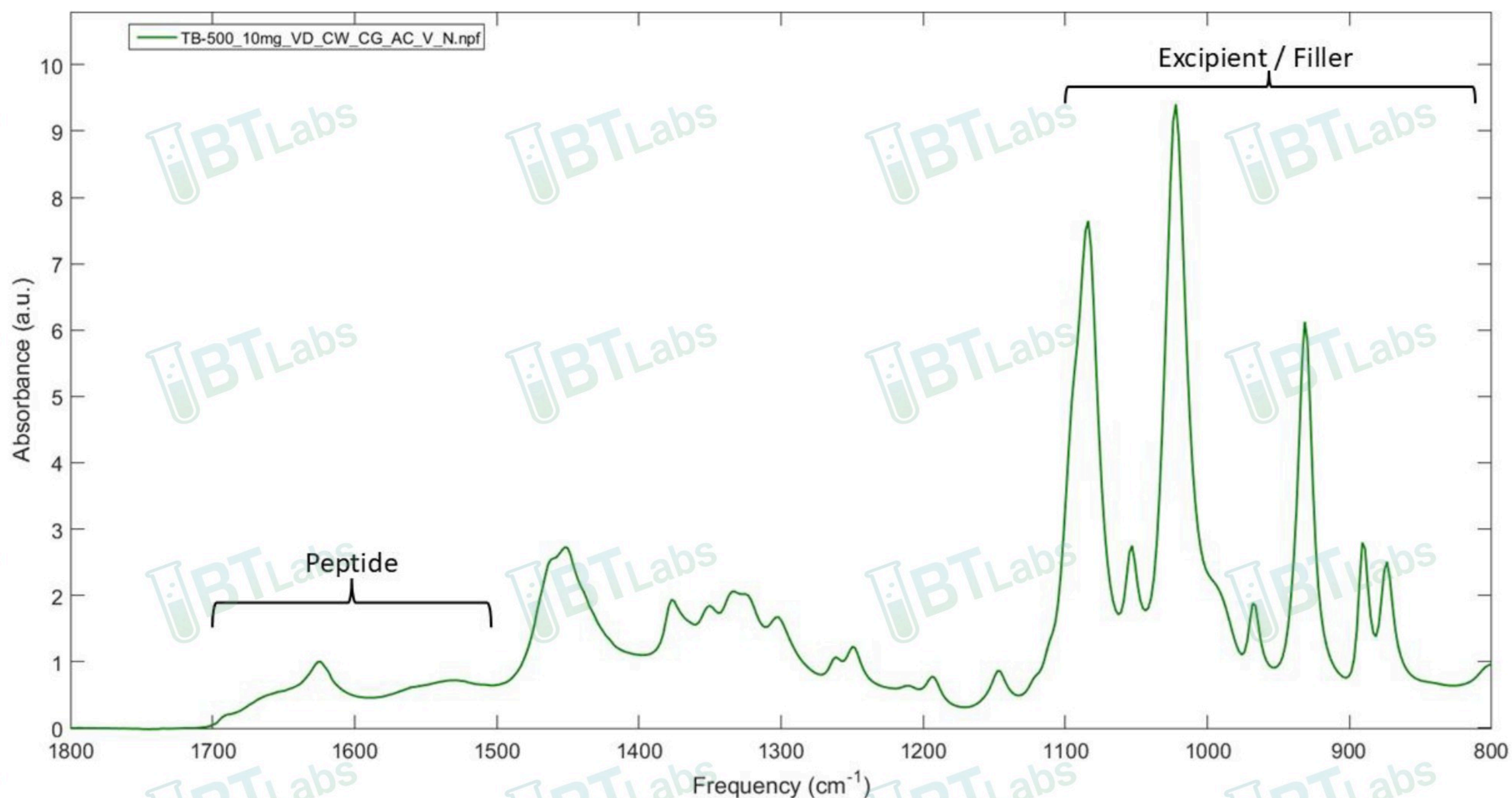
Escarlet Cabrieles, BS  
Scientist-II  
BTLabs

Title:

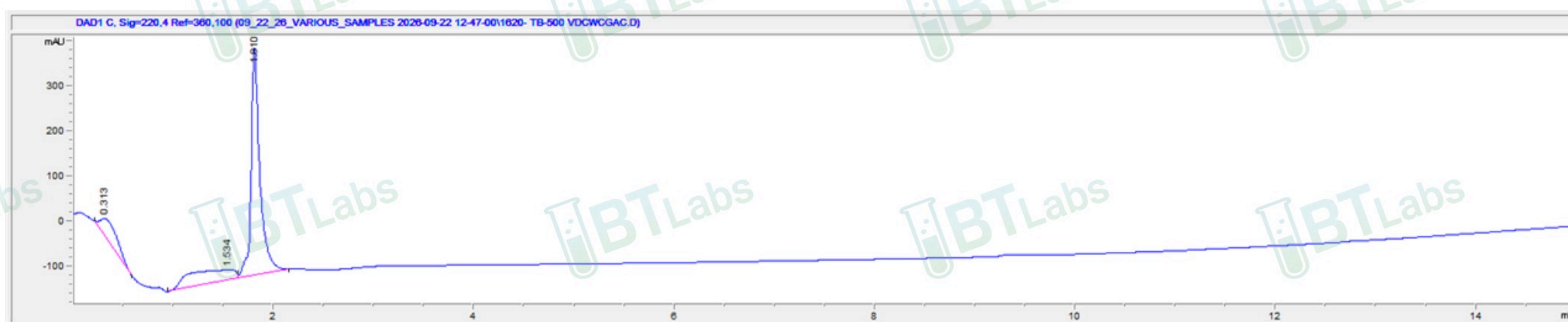
# Certificate of Analysis (CoA)



## FTIR ID and Composition Analysis: TB-500 Lot VD CW CG AC



## HPLC Purity and Potency Assay @ 220 nm: TB-500 Lot VD CW CG AC



### TB-500 Lot VD CW CG AC @ 220 nm

| Peak #: | Retention Time (min) | Area (mAU*s) |
|---------|----------------------|--------------|
| 1       | 1.81                 | 3109         |

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