



Report #:
COA261620-022
Page 1 of 2

Title:

Certificate of Analysis (CoA)



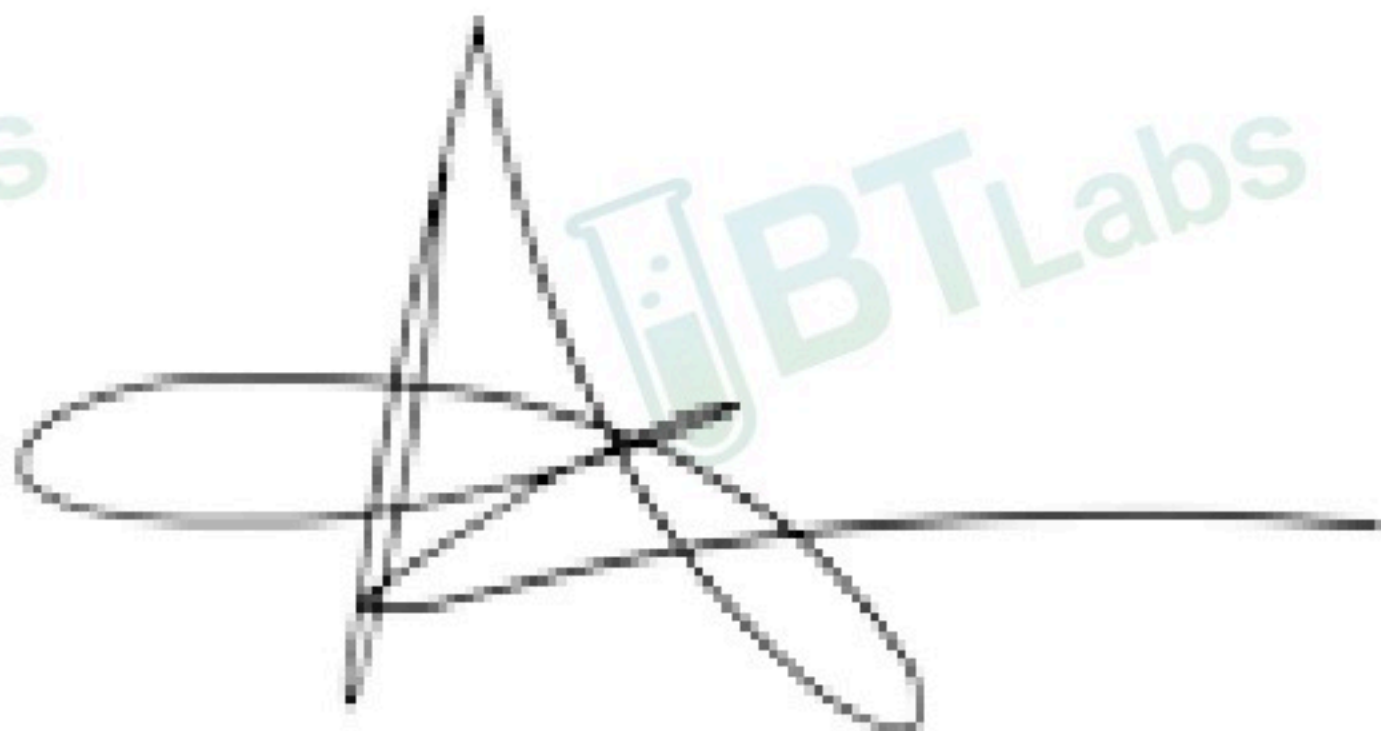
Date:
Date Tested:
Customer:
Testing material:
Lot Number:
Sample ID:
Content/Potency:
Storage:
Visual Description:
Labeled as:
Manufacturer:
Testing Purpose:

9/26/2026
9/24/2026
Encore Aminos
Semax
VB CR CG AJ
BTL261620-022
10 mg
R.T.
Small clear vial: white sample, white label, dark purple crimp, clear plastic cap.
Semax
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.

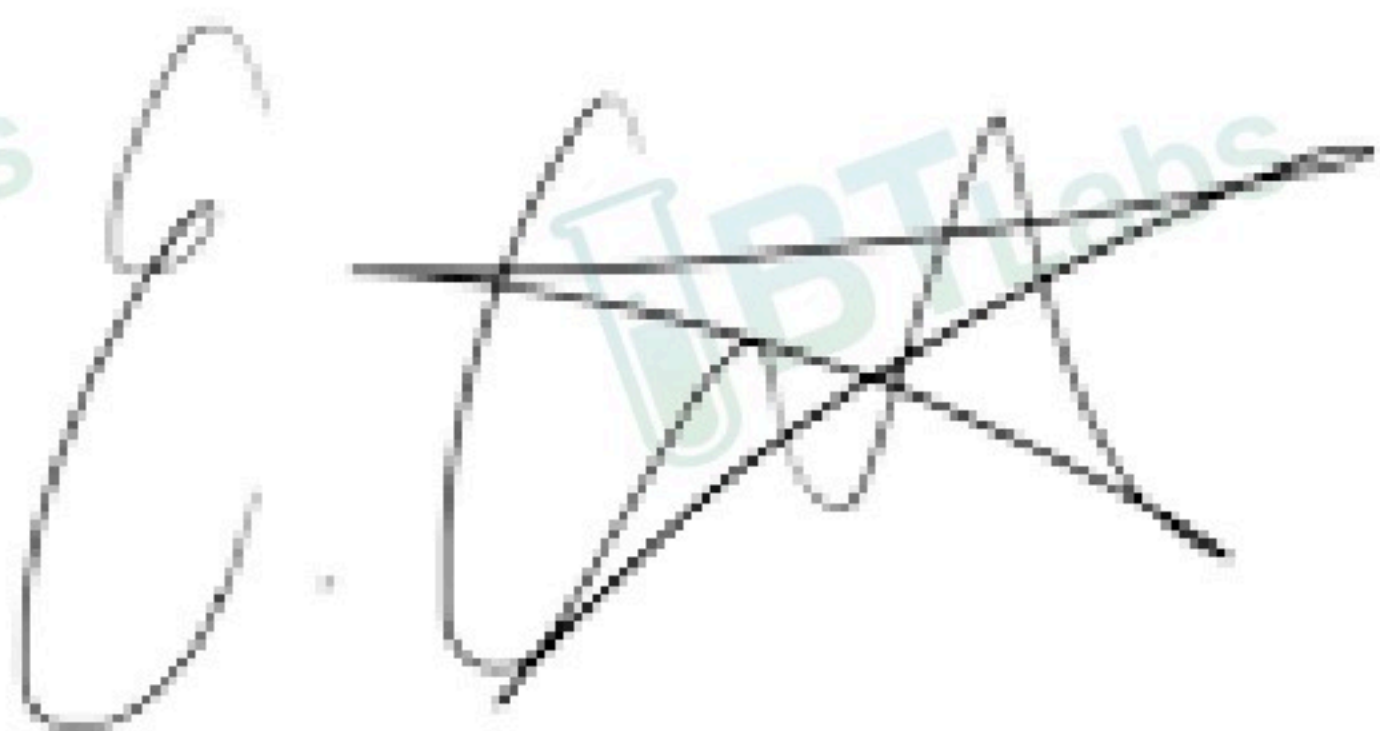


Test	Method	Specification	Result
General Appearance	USP <630>	white powder	white powder
Mass	USP <41>	As recorded	83.4 mg
FTIR Identification and Composition Analysis	USP <197A>	Sample spectrum should confirm the content of peptide via characteristic bands	FTIR sample spectrum confirms the presence of Semax with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	10.6 mg (106.5 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	10.6 : 72.8 mg (1:6.8)

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

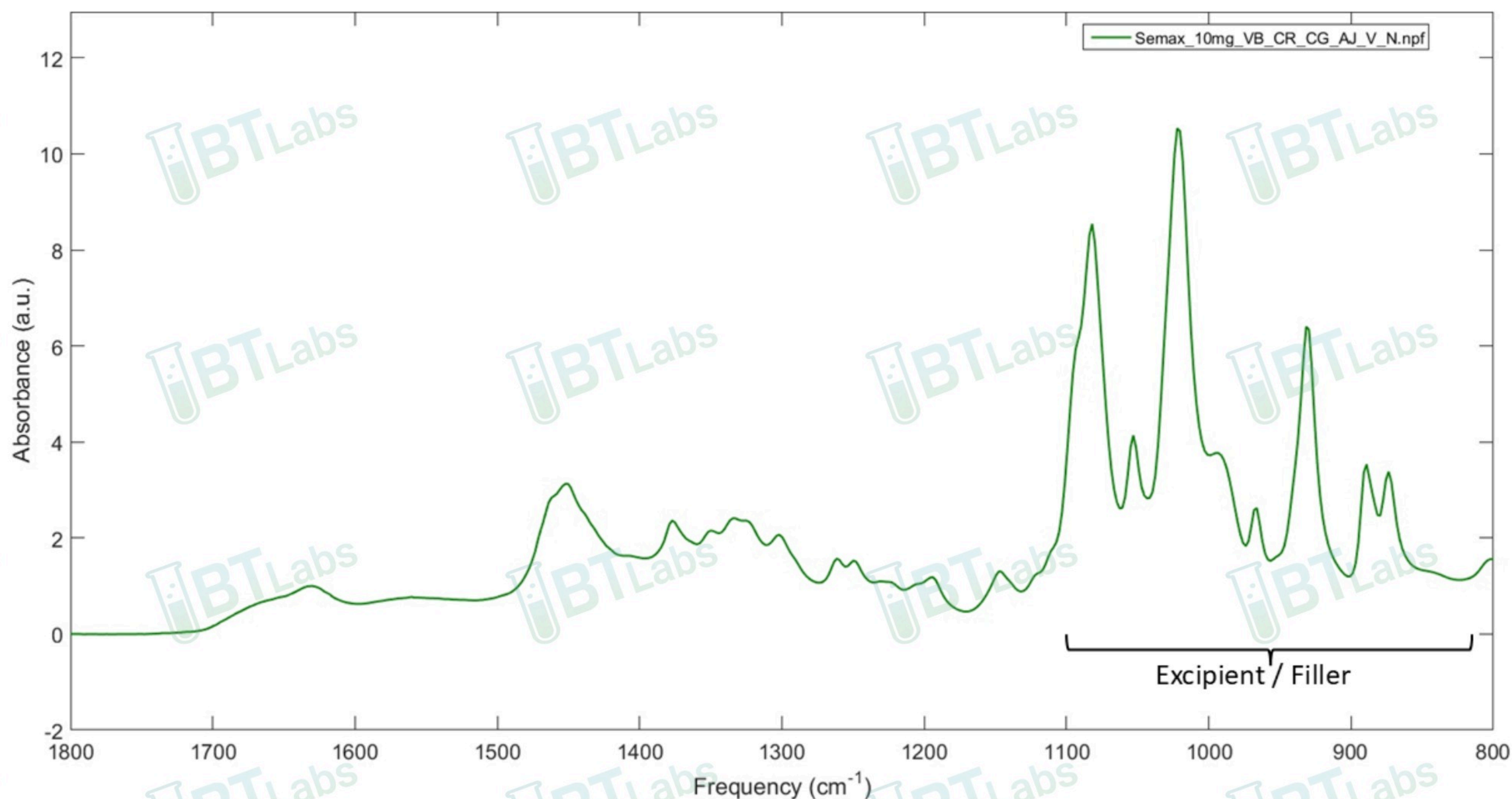
5601 Corporate Way | Suite 206 | West Palm Beach, FL 33407
Phone: (561) 625-0133
E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>

Title:

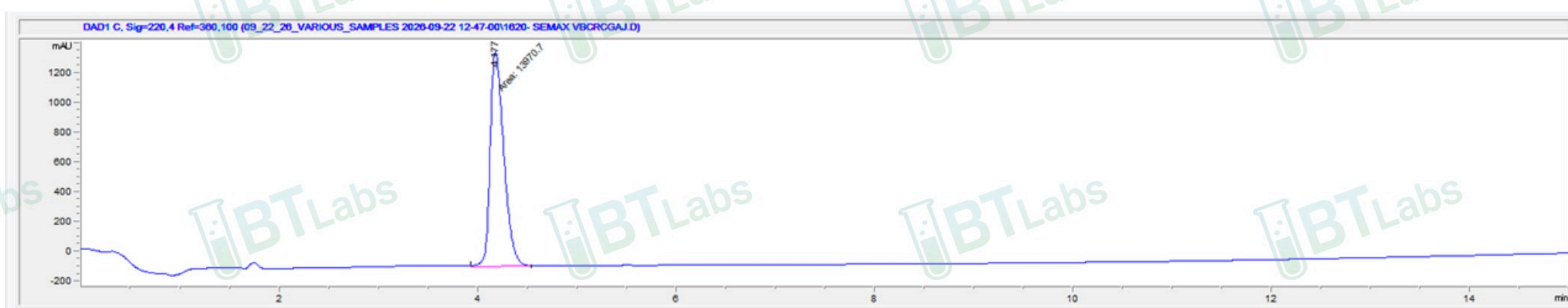
Certificate of Analysis (CoA)



FTIR ID and Composition Analysis: Semax Lot VB CR CG AJ



HPLC Purity and Potency Assay @ 220 nm: Semax Lot VB CR CG AJ



Semax Lot VB CR CG AJ @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	4.177	13970.7