Title:

Certificate of Analysis (CoA)

Date: 4/20/2026
Date Tested:
Customer: Apex Lab USA
Testing material:
Lot Number: BWC-5M-10867
BT Sample ID: 005000039656131
Labeled Peptide Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: orange sample, white label, silver crimp, dark blue plastic cap.
Labeled as: 5-Amino
Manufacturer: N/A
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	73.9 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 with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: ≥ 98 %	98.6 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	11.9 mg (119.5 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	11.9 : 62 mg (1:5.2)

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

Andrea Castro, AS
Scientist-II
BTLabs

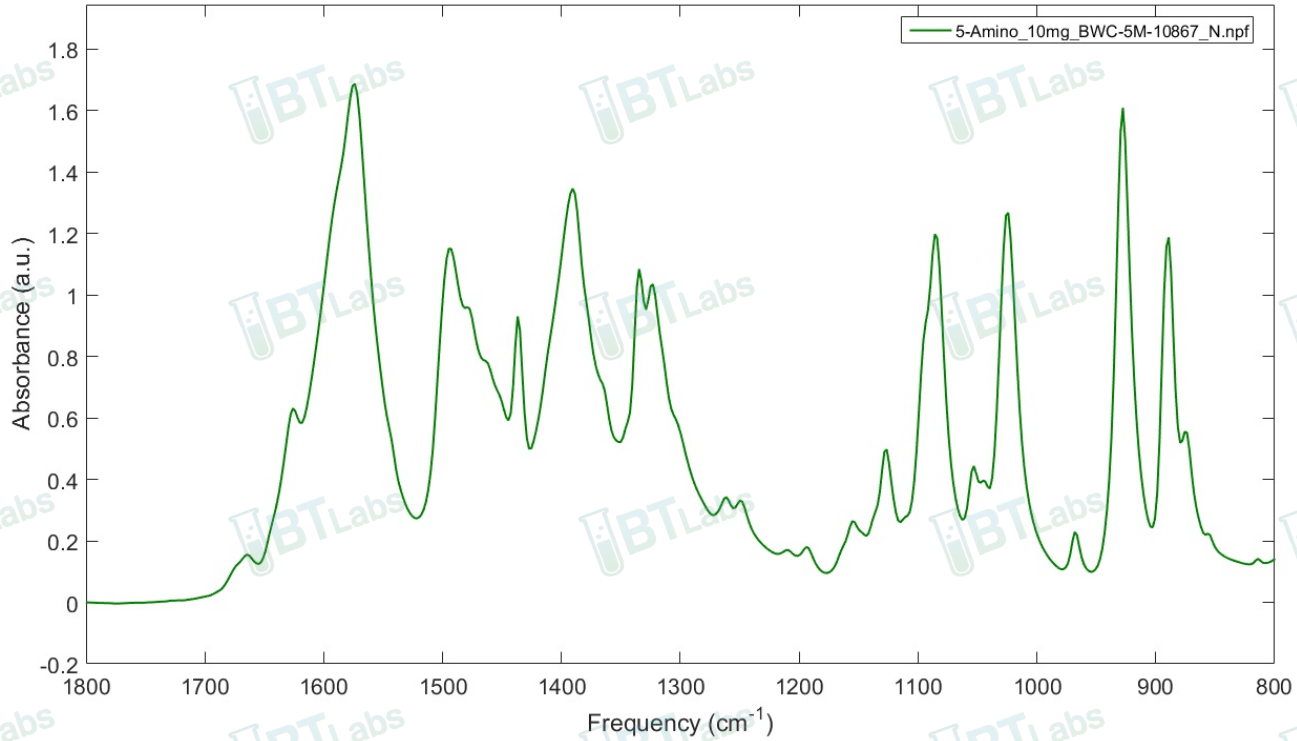
Verna Zheng, AS
Scientist-II
BTLabs

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407
Phone: (561) 625-0133
E-mail: info@btlabtesting.com | Website: https://btlabtesting.com

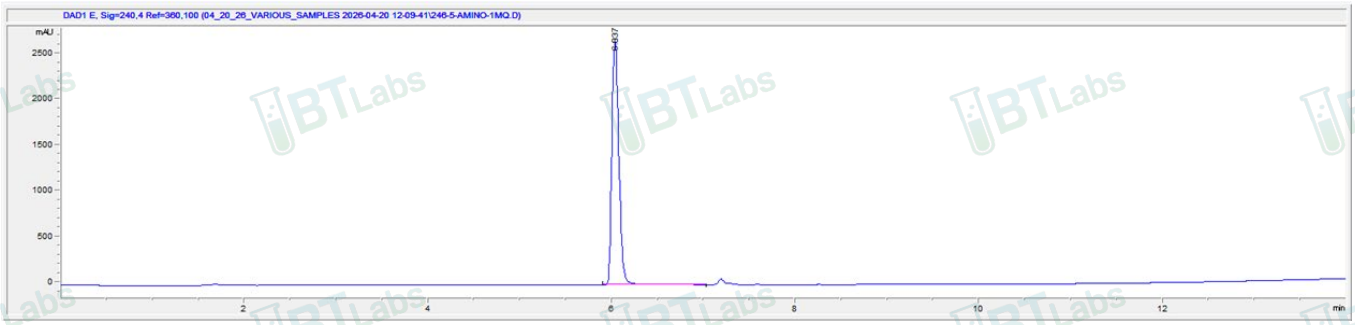
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: 5-Amino Lot BWC-5M-10867



HPLC Purity and Potency Assay @ 240 nm: 5-Amino Lot BWC-5M-10867



5-Amino Lot BWC-5M-10867 @ 240 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	6.038	14265.5

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407
Phone: (561) 625-0133
E-mail: info@btlabtesting.com | Website: https://btlabtesting.com