Title:

Certificate of Analysis (CoA)

Date: 10/23/2026
Date Tested: 10/19/2026
Customer: Discovernuera.com
Testing material: 5-Amino 1MQ
Lot Number: unspecified
Sample ID: BTL261012-007-019
Content/Potency: 50 mg
Storage: R.T.
Visual Description: Small clear vial: orange sample, gray label, silver crimp, black plastic cap.
Labeled as: 5-Amino 1MQ
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	92.2 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: ≥ 98 %	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 50 mg	5.3 mg (10.6 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	5.3 : 86.9 mg (1:16.5)

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

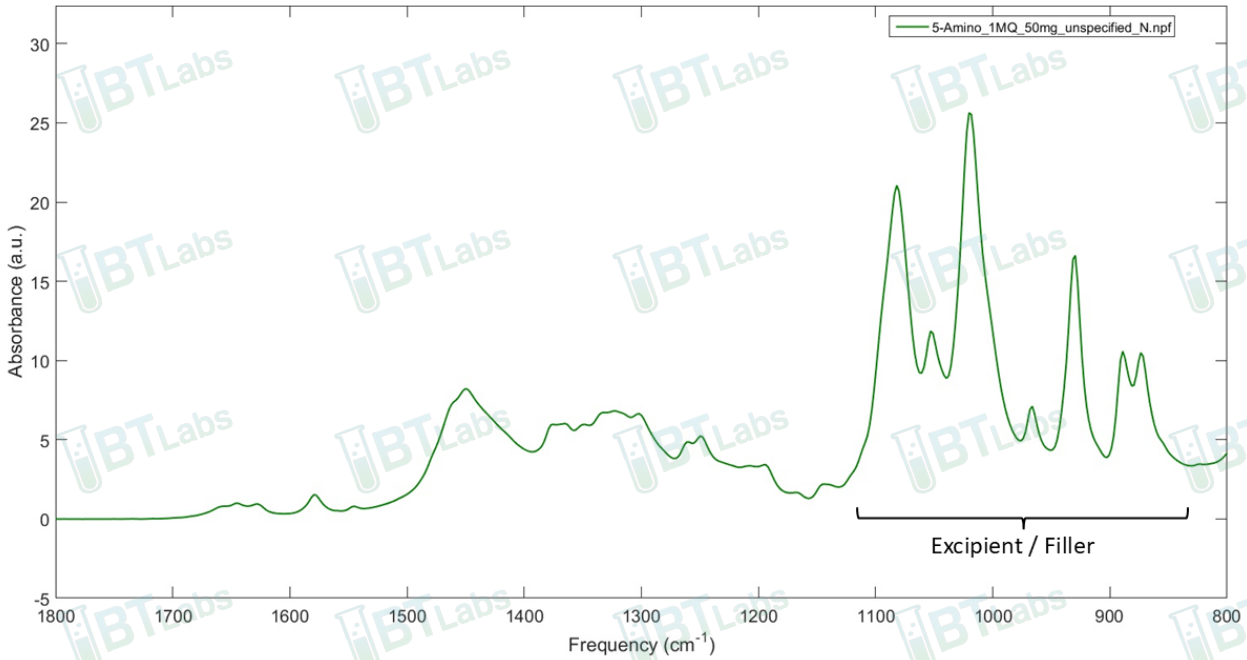
Escarlet Cabrieles, BS
Scientist-II
BTLabs

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 unspecified



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



5-Amino 1MQ Lot unspecified @ 240 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	2.196	11001.5

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