



Title:

Certificate of Analysis (CoA)

Date: 3/9/2026
Date Tested: 3/7/2026
Customer: Genesis Bio
Testing material: 5-Amino-1MQ
Lot Number: unspecified
BT Sample ID: 005000039180923
Labeled Peptide Content/Potency: 50 mg
Storage: R.T.
Visual Description: small clear vial: orange sample, silver label, silver crimp, red 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	131.5 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: $\geq 98\%$	98.6 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 50 mg	54.3 mg (108.6 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	54.3 : 77.2 mg (1:1.4)

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



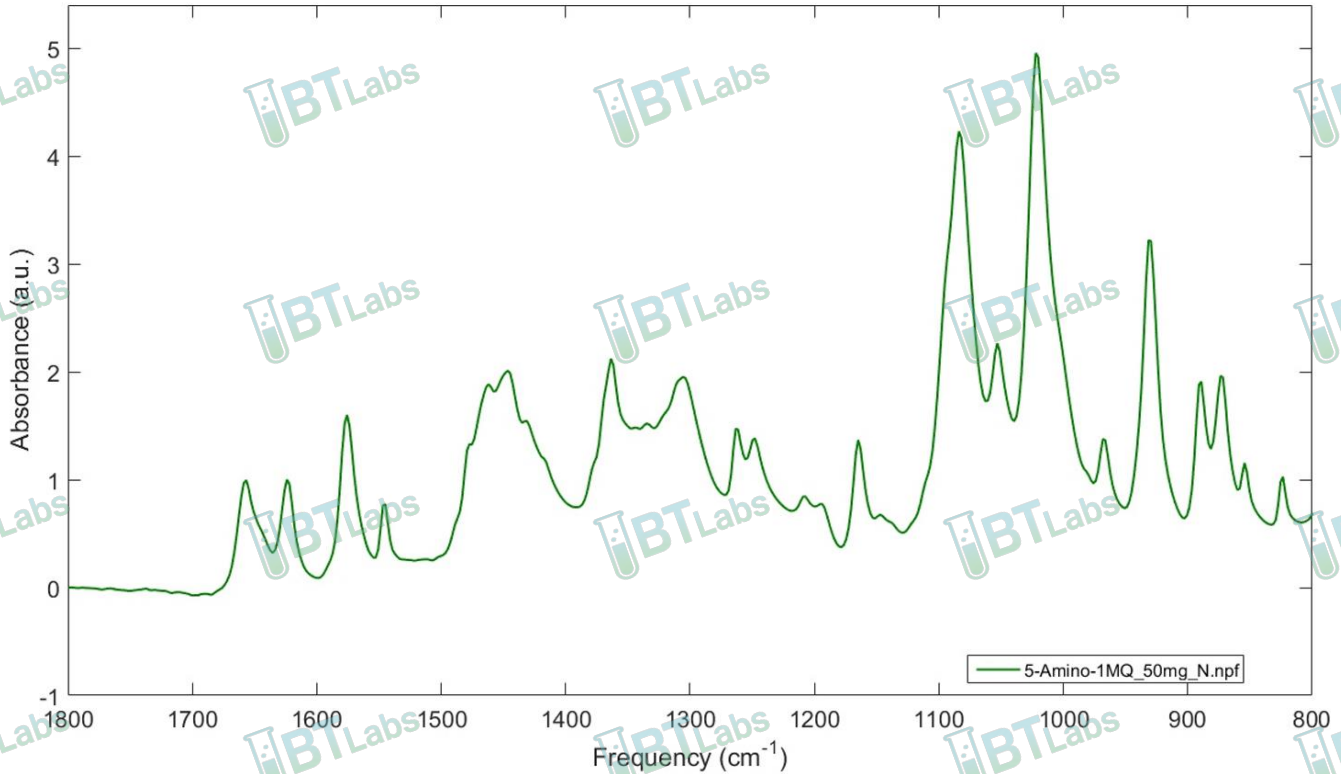
Verna Zheng, AS
 Scientist-II
 BTLabs



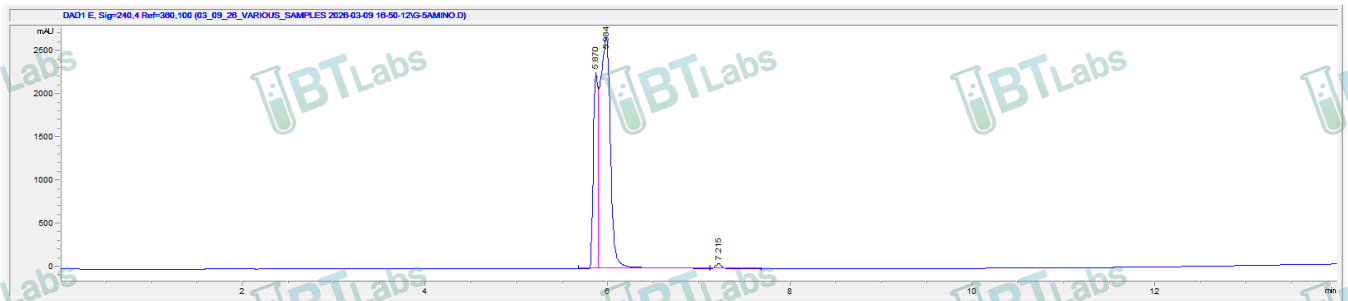
Title:

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	5.87	8046.9
2	5.984	21296.6
3	7.215	258.8

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407

Phone: (561) 625-0133

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