

Title:

Certificate of Analysis (CoA)



Date: 8/6/2026
Date Tested: 8/2/2026
Customer: Advanced Aminos
Testing material: 5-Amino-1MQ
Lot Number: AA-5AMQ260624-Q02A
Content/Potency: 50 mg
Storage: R.T.
Visual Description: Medium clear vial: orange sample, holographic label, copper crimp, clear 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.

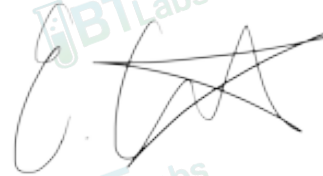


Test	Method	Specification	Result
General Appearance	USP <630>	orange powder	orange powder
Mass	USP <41>	As recorded	145 mg
FTIR Identification and Composition Analysis	USP <197A>	Sample spectrum should confirm the content of peptide via characteristic bands	FTIR sample spectrum confirms the presence of 5-Amino-1MQ with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 50 mg	58.1 mg (116.2 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	58.1 : 86.9 mg (1:1.5)

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



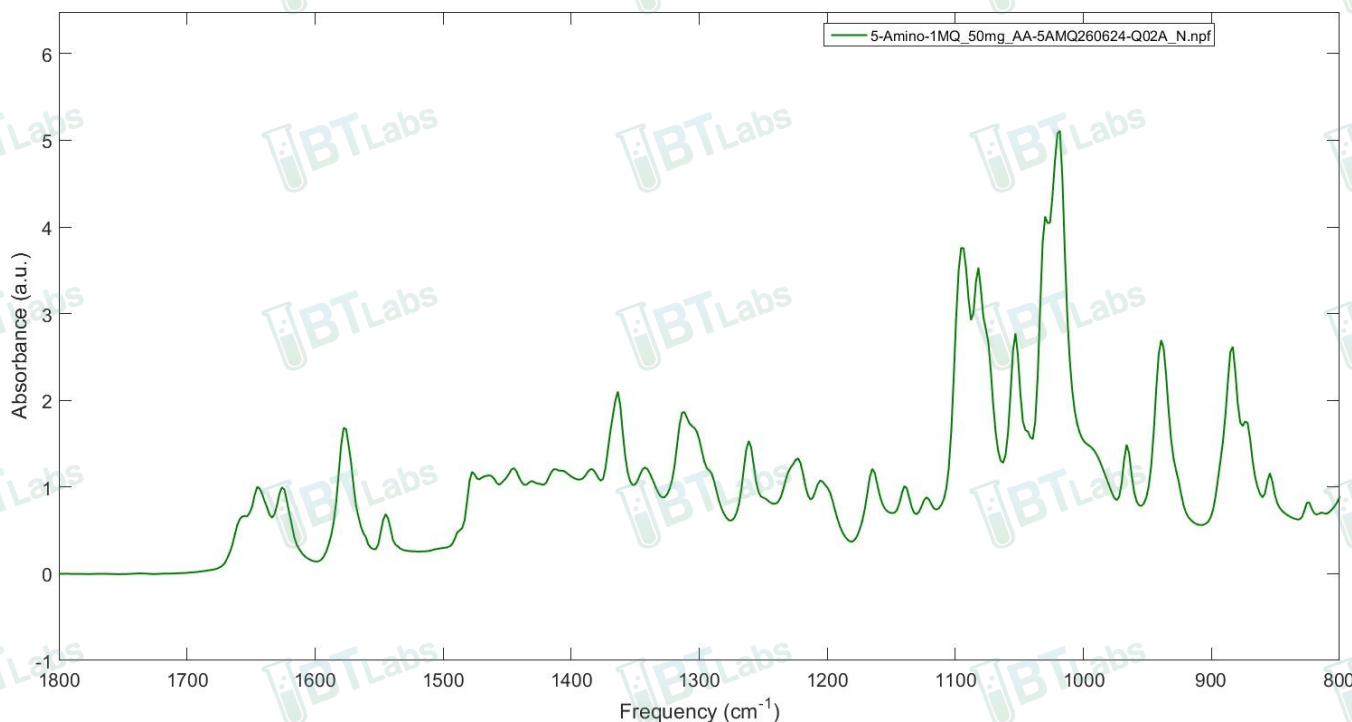
Escarlet Cabrieles, BS
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Title:

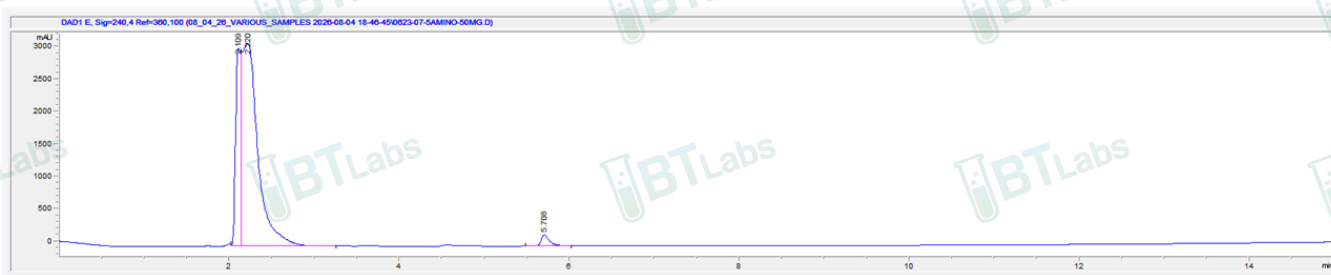
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FTIR ID and Composition Analysis: 5-Amino-1MQ Lot AA-5AMQ260624-Q02A



HPLC Purity and Potency Assay @ 240 nm: 5-Amino-1MQ Lot AA-5AMQ260624-Q02A



5-Amino-1MQ Lot AA-5AMQ260624-Q02A @ 240 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	2.22	40308.3