

Title:

Certificate of Analysis (CoA)

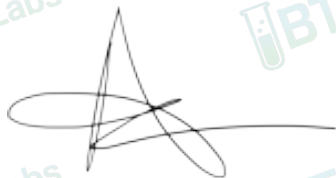


Date: 8/10/2026
Date Tested: 8/8/2026
Customer: Repair Aminos
Testing material: 5-Amino 1MQ
Lot Number: Le5am0726-01
Content/Potency: 50 mg
Storage: R.T.
Visual Description: Small clear vial: orange sample, white label, copper crimp, clear plastic cap.
Labeled as: 5-Amino 1MQ
Manufacturer: N/A
Testing 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.

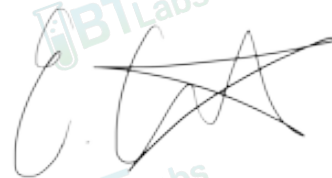


Test	Method	Specification	Result
General Appearance	USP <630>	orange powder	orange powder
Mass	USP <41>	As recorded	116.7 mg
FTIR Identification and Composition Analysis	USP <197A>	Sample spectrum should confirm the content of peptide via characteristic bands	FTIR sample spectrum confirms the presence of 5-Amino 1MQ with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.8 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 50 mg	58.8 mg (117.6 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	58.8 : 57.9 mg (1:1)

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



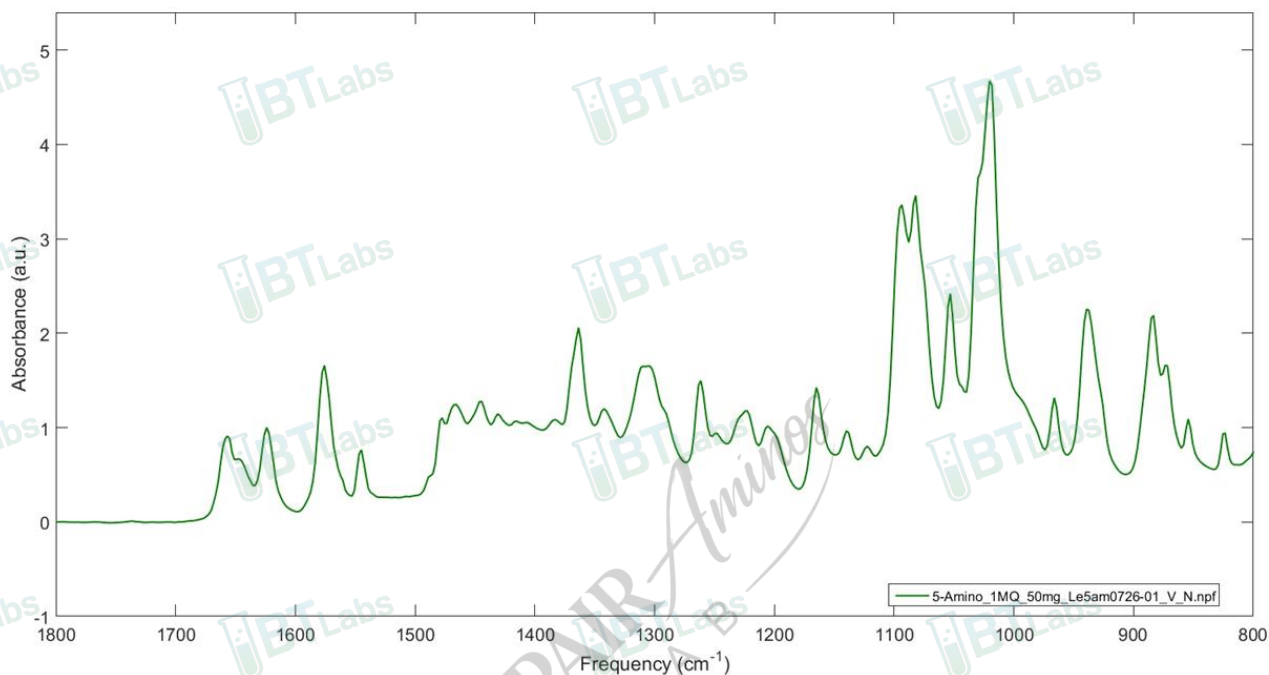
Escarlet Cabrieles, BS
 Scientist-II
 BTLabs

Title:

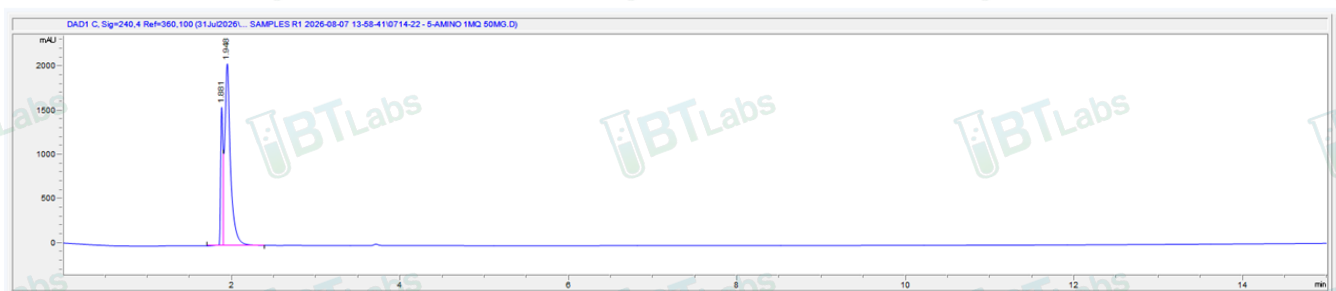
Certificate of Analysis (CoA)



FTIR ID and Composition Analysis: 5-Amino 1MQ Lot Le5am0726-01



HPLC Purity and Potency Assay @ 240 nm: 5-Amino 1MQ Lot Le5am0726-01



5-Amino 1MQ Lot Le5am0726-01 @ 240 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	1.881	3154.4