Title:

Certificate of Analysis (CoA)



Date: 3/19/2026
Date Tested: 3/18/2026
Customer: PureLab Peptides
Testing material: 5-Amino-1MQ
Lot Number: 54697
BT Sample ID: 005000039299276
Labeled Peptide Content/Potency: 50 mg
Storage: R.T.
Visual Description: wide clear vial: orange sample, white label, silver crimp, white plastic cap.
Labeled as: 5-Amino-1MQ
Manufacturer: PureLab Peptides
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	168.8 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 %	99.5 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 50 mg	47.2 mg (94.5 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	47.2 : 121.6 mg (1:2.6)

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

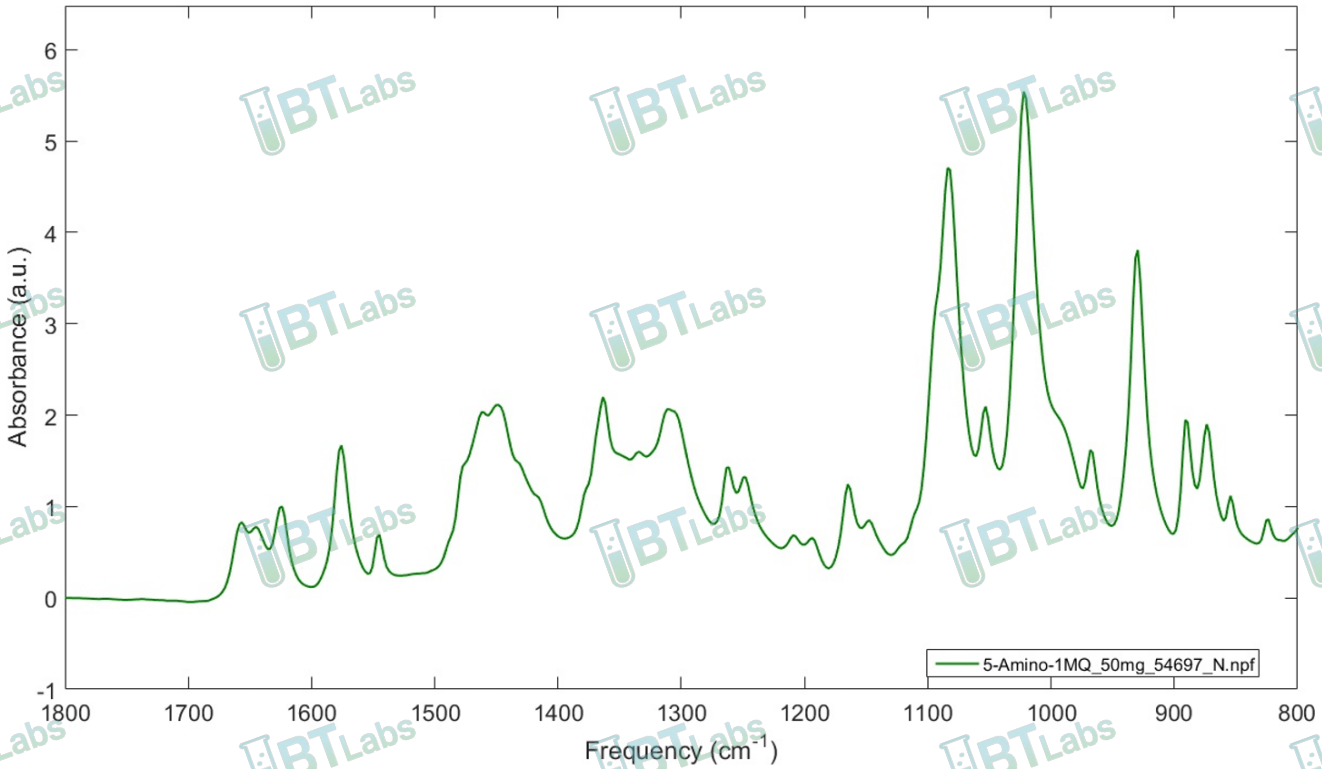
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FTIR ID and Composition Analysis: 5-Amino-1MQ Lot 54697



HPLC Purity and Potency Assay @ 280 nm: 5-Amino-1MQ Lot 54697



5-Amino-1MQ Lot 54697 @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	3.122	5472.7

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