



Proudly Owned and Operated in the USA

Searchable via: FreedomDiagnosticsTesting.com

Product	5-Amino-1MQ 50mg
Net Peptide Content	54.87 mg
Identity	5-Amino 1MQ

Certificate of Analysis

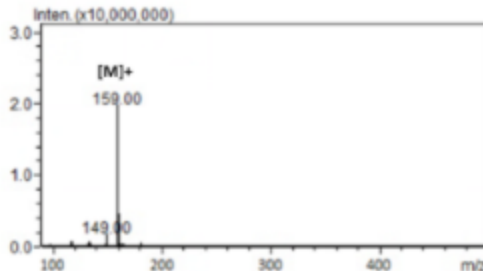
Accession Number	2602110110
Client	Iron Within Nutrition LLC
Search Code	Iron2602110110

Received Date:	02/11/2026
Reported Date:	2/12/2026

Lot	N/A
Purity	99.74%
Appearance	Orange Lyophilized Powder

All Chemical Analysis was performed by HPLC with UV Detection Coupled with Mass Spectrometry

Mass Identification	Result
5-Amino 1MQ	99.74%



Stephen Schmidt

Stephen Schmidt
Principal Chemist

COA: 2602110110

The peptide purity analysis reported here was conducted using LC/MS/MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The peptides tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables.

Searchable via: FreedomDiagnosticsTesting.com

Contact at: Admin@FreedomDiagnostics.net



Summit BioAnalytics | Nassau, The Bahamas | lab@summitbioanalytics.com |
summitbioanalytics.com

TESTED FOR

Iron Within Research

SAMPLE

5-Amino 1MQ — 50 mg

PASS

BATCH #

IWR-2607-
5AMINO50

PURITY

99.73%

MASS

51.71 mg

IDENTITY

Confirmed

COA #:

SBA-26-0010

Method:

Full QC Panel

Lot Number:

IWR-2607-
5AMINO50

Analysis Date:

2026-08-02

Date Received:

2026-07-29

Labeled Content:

50 mg

Appearance:

Orange-red granular
powder, intact seal



SCAN TO VERIFY



Identity



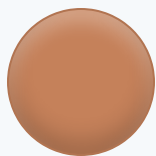
Purity



Endotoxins



Fentanyl Free



VIAL CAP

Copper

#C5815A

CLOSURE AS
RECEIVED

Test	Specification	Result
Identity	5-Amino 1MQ	Confirmed
Purity (HPLC)	>= 98.0%	99.73%
Content (gross)	Report only	51.71 mg
Fentanyl Screen (LC-MS/MS)	Not detected	Not detected
Endotoxins (LAL)	Report Result	0.02 EU/mL

Test	Specification	Result
Sterility Screen (rapid PCR)	No growth	No growth
Heavy Metals (ICP-MS)	ICH Q3D limits	All analytes within limits

Qualitative and quantitative chemical analysis by RP-HPLC with UV detection; identity confirmed by LC-MS. Fentanyl screening by targeted LC-MS/MS. Sterility by rapid nucleic-acid amplification — a screening method, not compendial sterility per USP <71>. Full methodology available on request.

Kasey Malganus

Kasey Malganus
Lab Director
2026-08-02

COA #: SBA-26-0010
Access Code: RCGSDLU2
Analyst: R. Whitfield
Verify: summitbioanalytics.com/verify
Issued: 2026-08-02

Summit BioAnalytics | Nassau, The Bahamas | lab@summitbioanalytics.com

This certificate relates only to the item tested, as received. Research use only — not for human or veterinary use. A not-detected screening result describes this sample only and is not a statement about any other unit or lot.