Certificate of Analysis

ILS Laboratories
8222 Vickers St, Suite 106, San Diego, CA 92111
(619) 329-3999 | ils-lab.com

Aicar - 50mg

Tested for: STUDZPEPTIDES LLC

PASS

COA #:	**COA-2026-CCUETW**	Analysis Date:	**06/28/2026**
Lot Number:	**AC50609LIS**	Appearance:	**Good**
Accession #:	**ACC-2026-5204**	Sample Matrix:	**Lyophilized**
Labeled Content:	**50mg**	Vial Size:	**3mL**
		Date Received:	**06/16/2026**

Scan to verify authenticity at ils-lab.com
Access Code: PNVJLG6W

Method: **Purity & Quant (HPLC), Sterility (PCR)**

Identity	Peptide Purity	
Aicar	**99.15%**	**Fentanyl Free**

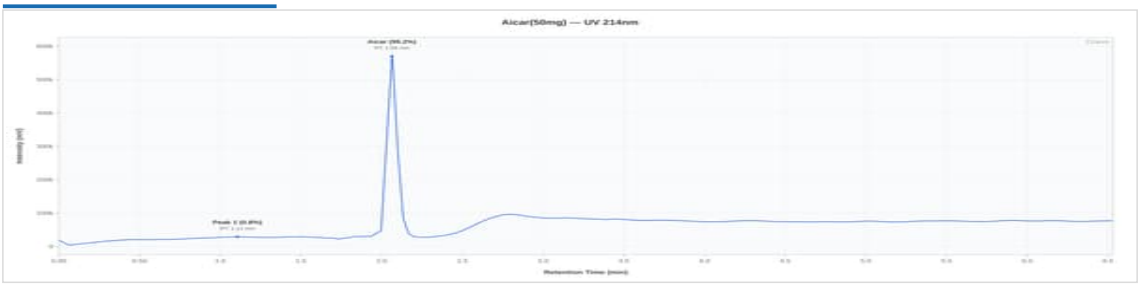


Aicar 50mg - AC50609LIS

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.15%**	%	**PASS**
Net Peptide Content	Report Only	**51.37**	mg	N/A
Identity (HPLC-RTM)	Aicar	**Confirmed**	-	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

HPLC Chromatogram



Aicar 50mg - AC50609LIS: UV Chromatogram

Sterility Testing (PCR)

Test	Specification	Result	Status
Sterility (PCR)	No Growth	**No Growth**	**PASS**

Notes & Methodology

1. Date Tested: 06/28/2026. Methods: Purity & Quant (HPLC).
2. The sample was confirmed to be Aicar by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Peptide purity determined by RP-HPLC area normalization at 214 nm. Value represents the percentage of the target peptide relative to all peptide-related peaks. Non-peptide process-related impurities, if detected, are excluded from the calculation.

Dr. Greg Kalyuzhny
Lab Director
6/28/2026

COA #: **COA-2026-CCUETW**
Access Code: **PNVJLG6W**
Verify: portal.ils-lab.com/verify/HRRrAck7eVtkN-2z
Issued: 6/28/2026