

ILS Laboratories

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(619) 329-3999 | ils-lab.com

Aicar - 50mg

Tested for: Humatide LLC
humatide.com

COA #: COA-2026-7SIL9P
Lot Number: H50AICR060126
Accession #: ACC-2026-5379
Labeled Content: 50mg

Analysis Date: 06/27/2026
Appearance: Good
Sample Matrix: Lyophilized
Vial Size: 3mL
Date Received: 06/17/2026

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: KU63GEQ7

Method: Blend Purity & Quant (HPLC)

Identity	Peptide Purity	Fentanyl Free
Aicar	99.90%	

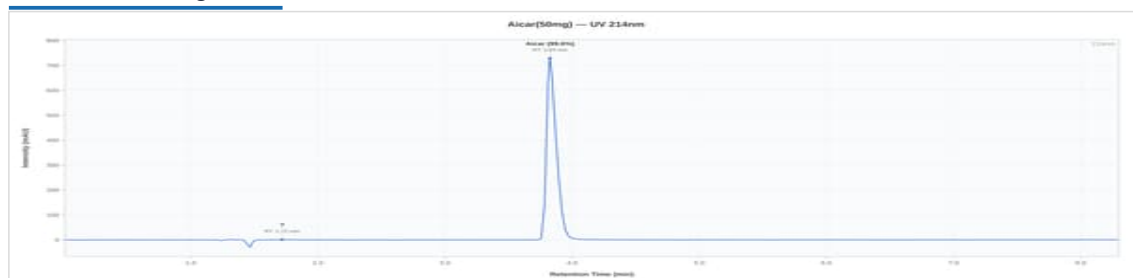
Blend Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.90%	%	PASS
Net Peptide Content	Report Only	51.56	mg	N/A
Identity (HPLC-RTM)	Aicar	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



Aicar 50mg - H50AICR060126

HPLC Chromatogram



Representative chromatogram, Conformity V1 (99.90% purity, closest to batch mean of 99.77%)

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.64%	51.14 mg	Confirmed	PASS
Conformity V1	99.90%	51.56 mg	Confirmed	PASS
Mean	99.77%	51.35 mg	—	—
Std Dev	0.1300%	0.2100 mg	—	—

Notes & Methodology

- Date Tested: 06/27/2026. Methods: Blend Purity & Quant (HPLC).
- The sample was confirmed to be Aicar by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- 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.
- Chromatogram shown is representative: Conformity V1 (99.90% purity, closest to batch mean of 99.77%).



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
6/28/2026

COA #: COA-2026-7SIL9P
Access Code: KU63GEQ7
Verify: <portal.ils-lab.com/verify/9HcL2r8lpVNohOje>
Issued: 6/28/2026