

CLIENT & SAMPLE INFORMATION

Client	Glacier Aminos	Analysis Date	06/06/2026
Lot / Batch	AAGA-02	Product Name	Acetic Acid
Concentration	10mg	Container	Glass Vial

This Certificate of Analysis certifies that the acetic acid reconstitution solvent listed herein was tested for acid content, purity, and physicochemical properties in accordance with applicable USP/EP methods.

ACETIC ACID ASSAY

Parameter	Specification	Result	Status	Parameter	Specification	Result	Status
Appearance (Color)	Colorless	Colorless	PASS	pH (Solution)	2.8 - 3.6	3.1	PASS
Appearance (Form)	Clear Liquid	Clear Liquid	PASS	Related Impurities	≤ 0.50%	< 0.05%	PASS
Acetic Acid Content	0.6% +/- 10%	0.60%	PASS	Density (20C)	0.999 - 1.006 g/mL	1.001 g/mL	PASS
Purity (HPLC)	≥ 99.5%	99.8%	PASS	Overall Determination			PASS

Reference: CAS 64-19-7 | $C_2H_4O_2$ | MW 60.05 g/mol | Method: Titration / HPLC per USP <621>

BATCH QUALITY VERIFICATION (2 VIALS)

Sample ID	Specification Compliance	Visual Inspection	Determination
Vial 1	Conforms	Clear, particulate-free	PASS
Vial 2	Conforms	Clear, particulate-free	PASS
Overall Batch Quality			PASS



ADDITIONAL QUALITY SCREENS

PH ANALYSIS

Method	USP <791>
Specification	2.8 - 3.6
Result	3.1
Status	PASS

ENDOTOXIN SCREEN

Method	LAL (USP <85>)
Limit	≤ 0.5 EU/mL
Result	< 0.10 EU/mL
Status	PASS

STERILITY / MICROBIAL SCREEN

Method	BacT ALERT automated microbial growth detection
Specification	No Growth
Incubation	14 days
Result	No microbial growth detected
Fungi	Not Detected
Status	PASS

HEAVY METAL SCREEN

Method	ICP-MS
Specification	Compliant
Result	PASS
Status	PASS

