LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Acetic Acid Glacial USP/NF Grade
Item Number: AAU
CAS#: 64-19-7
Grade: NF,USP
Lot Number: 5002707/1.1
Manufacture Date: 10/28/2026
Expiration Date: 10/27/2029
Country of Origin: United States

Tested Property	Specification	Analysis
Color (APHA)	Max 10	1
Residue after Evaporation	Max 0.001% wt.	Pass
Dilution test	To pass test	Pass
Sub. Red. Dichromate	To pass test	Pass
Sub. Red. Permanganate	To pass test	Pass
Chloride	No opalescence is produced	Pass
Sulfate	No turbidity is produced	Pass
Heavy Metals (as Pb)	0.5 ppm	Pass
Acetic Anhydride	Max 0.01% wt.	Pass
Titrable base	Max 0.0004 meq/g	Pass
Iron	Max 0.2 ppm	Pass
Appearance	Clear	Clear
Density @ 25ºC	1.050 - 1.052	1.050
Refractive Index @ 25ºC	1.37100 - 1.37120	1.37120
Assay, Gas Chromatography	99.70 - 100.00% wt.	99.93% wt.
Identification	Positive for Acetate	Pass
Readily oxidizable substances	To Pass the Test	Pass
Congealing temperature	Min 15.6°C	Pass

Store in a cool, dry, and well-ventilated environment away from heat.

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Acetic Acid Glacial USP/NF Grade

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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