LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Acetic Acid Glacial 99% Lab Grade
Item Number: AAL99
CAS#: 64-19-7
Grade: Lab
Lot Number: 5002743/2.1
Manufacture Date: 11/05/2026
Retest Date : 11/04/2029
Country of Origin: United States

Tested Property	Specification	Analysis
Assay	Min 99.85%	99.88%
Color (Pt-Co)	Max 5	2.3
Chloride	Max 1 ppm	<1 ppm
Sulfate	Max 1 ppm	<1 ppm
Heavy Metals	Max 0.5 ppm	<0.5 ppm
Iron	Max 0.5 ppm	<0.1 ppm
Appearance	Clear and free	Pass
Formic Acid	Max 0.050 Wt. %	<0.001 Wt. %
Water	Max 0.150 Wt. %	0.087 Wt. %
Aldehydes	Max 0.005 Wt. %	0.001 Wt. %
Permanganate Time	Min 2 Hours	>2 Hours
Specific Gravity 20 ºC	1.0505 - 1.0520	1.0514
Freeze Point	Min 16.35 ºC	16.40 ºC

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

Acetic Acid Glacial 99% Lab 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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