

Certificate of Analysis

Product: Acetic Acid Glacial
Item Number: AAU
Grade: ACS/USP
Lot Number: 5001407/1.1
Manufacture Date: 01/07/2025
Expiration Date: 01/06/2028
Country of Origin: United States

Tested Property	Specification	Analysis
Assay (CH ₃ COOH)	Min 99.7%	99.98%
Color (APHA)	Max 10	5
Residue after Evaporation	Max 10 ppm	3 ppm
Dilution test	To pass test	Pass
Sub. Red. Dichromate	To pass test	Pass
Sub. Red. Permanganate	To pass test	Pass
Chloride (Cl)	Max 1 ppm	<1 ppm
Phosphate (PO ₄)	Max 1 ppm	<1 ppm
Sulfate (SO ₄)	Max 1 ppm	<1 ppm
Heavy Metals (as Pb)	0.5 ppm	<0.02 ppm
Acetic Anhydride	Max 0.01%	0.00%
Titration base	Max 0.0004meq/g	<0.0002meq/g
Identification	Positive for Acetate	Passes
Chloride	No opalescence is produced	Passes
Sulfates	No turbidity is produced	Passes
Readily oxidizable substances	To pass the test	Passes
Congealing temperature	Min 15.6°C	16°C
Iron	Max 0.2 ppm	<0.1 ppm

[Acetic Acid Glacial](#)

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