



CERTIFICATE OF ANALYSIS

Product Name	Acetic Acid Glacial
Grade	Reagent ACS Grade
Catalog #	281000ACS
Item #	100988
Batch #	C21G13CAS0000AAG
Date of Manufacture:	07/02/2021
Recommended Retest Date:	07/01/2026
Customer PO #	P24232
Packaging Type	Case Glass 6x2.5 L

TEST	MONO-GRAPH	SPECIFICATION	RESULT	UNITS
Acetic anhydride [(CH ₃ CO) ₂ O]	ACS	0.01% max	0.01	%
ASSAY	ACS	> 99.7% (CH ₃ COOH)	100.0	%
Chloride (Cl)	ACS	1 ppm max	LT 1 ppm	N/A
Color (APHA)	ACS	10 max	5	N/A
Dilution test	ACS	To Pass Test	Pass	N/A
Iron (Fe)	ACS	0.2 ppm max	LT 0.1 ppm	N/A
Heavy Metals (as Pb)	ACS	0.5 ppm max	LT 0.5 ppm	N/A
Residue after Evaporation	ACS	0.001% max	LT 0.001%	N/A
Sulfate (SO ₄)	ACS	1 ppm max	LT 1 ppm	N/A
Substances Reducing Dichromate	ACS	To Pass Test	Pass	N/A
Substances Reducing Pemanganate	ACS	To Pass Test	Pass	N/A
Titration Base	ACS	0.0004 meq/g max	LT 0.0004 meq/g	N/A

Certification and Compliance Statements

This product is for further commercial manufacturing, laboratory or research use, and may be used as a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug

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manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.

This product is not derived, nor does it come in contact with, any materials derived from bovine or other animal sources.

This lot of Acetic Acid complies with all of the current requirements listed in the American Chemical Society monograph. Certain test data have been supplied by third parties.

This document was electronically signed by Doug Fleischmann on 3/22/2022 12:20:38 PM to indicate Quality Assurance Approval and to release this batch.