



CERTIFICATE OF ANALYSIS

Product Name Acetic Acid Glacial
 Grade Reagent ACS Grade
 Catalog # 281000ACS
 Item # 100988
 Batch # 220322-B013066
 Date of Manufacture: 03/23/2022
 Recommended Retest Date: 03/22/2027
 Customer PO # P22273/2
 Packaging Type Case Glass 6x2.5 L

TEST	MONO-GRAPH	SPECIFICATION	RESULT	UNITS
Acetic anhydride [(CH3CO)2O]	ACS	0.01% max	0.01	%
ASSAY	ACS	> 99.7% (CH3COOH)	99.8	%
Chloride (Cl)	ACS	1 ppm max	LT 1 ppm	N/A
Color (APHA)	ACS	10 max	10	N/A
Dilution test	ACS	To Pass Test	Pass	N/A
Iron (Fe)	ACS	0.2 ppm max	LT 0.2 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 (SO4)	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 6/2/2022 4:12:53 PM to indicate Quality Assurance Approval and to release this batch.