

Certificate of Analysis

Acetic Acid, Glacial, ACS Reagent Grade

Lot Number: 1402E50

Product Number: RABA0010

Date Packaged: FEB 27, 2024

Expiration Date: AUG 2025

Chemical Formula: CH₃COOH
 Formula Weight: 60.05

Contains

CH₃COOH CAS No. 64-19-7 MW 60.05

Test	Specification	Result
Acetic Anhydride [(CH ₃ CO) ₂ O]	max 0.01 %	< 0.01 %
Assay	min 99.7 %	100.0 %
Chloride (Cl)	max 1 ppm	< 1 ppm
Color (APHA)	max 10	< 5
Dilution test	To Pass Test	Passed
Heavy Metals (as Pb)	max 0.5 ppm	< 0.5 ppm
Iron (Fe)	max 0.2 ppm	< 0.1 ppm
Residue after evaporation (Non-Volatile Matter)	max 0.001 %	< 0.001 %
Substances Reducing Dichromate	To Pass Test	Passed
Substances Reducing Permanganate	To Pass Test	Passed
Sulfate (SO ₄)	max 1 ppm	< 1 ppm
Titration Base	max 0.0004 meq/g	0.0001 meq/g

Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
RABA0010-500D1	500 mL glass	24 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)



Heidi J Green (02/27/2024)

Operations Manager

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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