

Certificate of Analysis

Product : Acetic Acid, Glacial

Meets ACS specifications, meets USP/NF monographs GR ACS

CAS # 64-19-7

CHEMICAL FORMULA : CH₃COOH

Product Code : CP-M1011S

Lot: 62079

Density: 1.0510 g/mL

F.W. 60.05

Characteristic	Requirement		Results	Units
	Min.	Max.		
Acetic anhydride [(CH ₃ CO) ₂ O]		0.01	<0.01	%
Aluminum (Al)		0.3	0.005	ppm
Arsenic (As)		0.05	<0.05	ppm
Assay	99.7		100.4	%
Calcium (Ca)		0.3	0.028	ppm
Chloride (Cl)		1	<1	ppm
Chromium (Cr)		0.2	0.002	ppm
Color (APHA)		10	<10	
Copper (Cu)		0.1	< 0.001	ppm
Dilution test			Passes test	
Evaporation residue		0.001	<0.001	%
Gold (Au)		0.3	< 0.001	ppm
Heavy metals (as Pb)		0.5	<0.5	ppm
Iron (Fe)		0.2	0.009	ppm
Lead (Pb)		0.2	< 0.001	ppm
Magnesium (Mg)		0.3	0.002	ppm
Manganese (Mn)		0.2	< 0.001	ppm
Nickel (Ni)		0.1	< 0.001	ppm
Phosphate (PO ₄)		1.0	<1	ppm
Potassium (K)		0.3	0.144	ppm
Sodium (Na)		0.3	0.022	ppm
Substances reducing dichromate			Passes test	
Substances reducing permanganate			Passes test	
Sulfate (SO ₄)		1	<1	ppm
Tin (Sn)		0.3	< 0.001	ppm
Titanium (Ti)		0.3	< 0.001	ppm
Titration base		0.0004	<0.0004	meq/g
Zinc (Zn)		0.3	0.012	ppm

This is to certify that samples of the lot number above were tested and found to comply with the stated specifications. Some or all data have been provided by vendors/third parties. ChemPure Brand Chemicals expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular use or purpose. Persons using this information should make their own determination regarding its suitability for their particular use.

This is an electronically generated document and does not require signatures.