

Certificate of Analysis

product name: Acetic acid
 product number: 100063
 CAS Number: 64-19-7
 batch: 1454642 1012
 Formula: CH₃COOH

batch values			batch values		
Assay (alkalimetric)	≥ 99.8	%	Tl (Thallium)	≤ 0.020	ppm
Identity	passes test		V (Vanadium)	≤ 0.010	ppm
Color	≤ 10	Hazen	Zn (Zinc)	≤ 0.030	ppm
Acetaldehyde	≤ 2	ppm	Zr (Zirconium)	≤ 0.050	ppm
Acetic anhydride	≤ 100	ppm	Substances reducing potassium dichromate	passes test	
Titrateable base	≤ 0.0004	meq/g	Substances reducing potassium permanganate	≤ 20	ppm
Solidification temperature	≥ 16.3	°C	Evaporation residue	≤ 5	ppm
Chloride (Cl)	≤ 0.4	ppm	Water	≤ 0.2	%
Phosphate (PO ₄)	≤ 0.4	ppm	Dilution test	passes test	
Heavy metals (as Pb)	≤ 0.5	ppm			
Sulfate (SO ₄)	≤ 0.4	ppm			
Ag (Silver)	≤ 0.005	ppm			
Al (Aluminium)	≤ 0.020	ppm			
As (Arsenic)	≤ 0.010	ppm			
Au (Gold)	≤ 0.010	ppm			
B (Boron)	≤ 0.100	ppm			
Ba (Barium)	≤ 0.010	ppm			
Be (Beryllium)	≤ 0.005	ppm			
Bi (Bismuth)	≤ 0.050	ppm			
Ca (Calcium)	≤ 0.100	ppm			
Cd (Cadmium)	≤ 0.020	ppm			
Co (Cobalt)	≤ 0.010	ppm			
Cr (Chromium)	≤ 0.020	ppm			
Cu (Copper)	≤ 0.010	ppm			
Fe (Iron)	≤ 0.050	ppm			
Ga (Gallium)	≤ 0.050	ppm			
Ge (Germanium)	≤ 0.020	ppm			
Hg (Mercury)	≤ 0.005	ppm			
In (Indium)	≤ 0.050	ppm			
K (Potassium)	≤ 0.100	ppm			
Li (Lithium)	≤ 0.010	ppm			
Mg (Magnesium)	≤ 0.050	ppm			
Mn (Manganese)	≤ 0.010	ppm			
Mo (Molybdenum)	≤ 0.010	ppm			
Na (Sodium)	≤ 0.200	ppm			
Ni (Nickel)	≤ 0.020	ppm			
Pb (Lead)	≤ 0.010	ppm			
Pt (Platinum)	≤ 0.100	ppm			
Sn (Tin)	≤ 0.050	ppm			
Sr (Strontium)	≤ 0.010	ppm			
Ti (Titanium)	≤ 0.050	ppm			

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