

Acetic Acid, Glacial RCI Premium

CH ₃ COOH	FW. 60.05	Density 1 L	= 1.05 Kg.
CAS-No.	64-19-7	Melting Point	17 °C
Code	RP1002	Boiling Point	118 °C

Specifications

(Meet A.C.S. Specifications)

Assay (by acidimetry)	99.7%	min.
Color (APHA)	10	max.
Titration base (mEq./g.)	0.0004	max.
Residue after Evaporation	0.0005%	max.
Dilution in water	Passes test	
Solubility in water	Passes test	
Substances Reducing Dichromate	Passes test	
Substances Reducing Permanganate	Passes test	
Acetic Anhydride [(CH ₃ CO) ₂ O]	0.01%	max.
Acetaldehyde	0.005%	max.
Chloride (Cl)	0.00005%	max.
Sulfate (SO ₄)	0.00005%	max.
Heavy Metals (as Pb)	0.00005%	max.
Aluminium (Al)	0.00001%	max.
Arsenic and Antimony (as As)	0.000001%	max.
Barium (Ba)	0.00005%	max.
Boron (B)	0.00001%	max.
Cadmium (Cd)	0.000002%	max.
Calcium (Ca)	0.00003%	max.
Cobalt (Co)	0.000001%	max.
Chromium (Cr)	0.00002%	max.
Copper (Cu)	0.000002%	max.
Gold (Au)	0.00003%	max.
Iron (Fe)	0.00002%	max.
Lead (Pb)	0.000002%	max.
Magnesium (Mg)	0.00001%	max.
Manganese (Mn)	0.000001%	max.
Molybdenum (Mo)	0.000002%	max.
Nickel (Ni)	0.000002%	max.
Potassium (K)	0.00003%	max.
Sodium (Na)	0.00003%	max.
Strontium (Sr)	0.000001%	max.
Tin (Sn)	0.00001%	max.
Titanium (Ti)	0.00003%	max.
Zinc (Zn)	0.00001%	max.

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