

Acetic Acid, Glacial VLSI

CH ₃ COOH	FW. 60.05	Density 1 L = 1.05 Kg.
CAS-No.	64-19-7	Melting Point 17 °C
Code	VL1002	Boiling Point 118 °C

Specifications

Assay (by acidimetry)	99.8%	min.
Color (APHA)	10	max.
Acetaldehyde	2	ppm max.
Acetic Anhydride [(CH ₃ CO) ₂ O]	100	ppm max.
Formic acid	100	ppm max.
Residue on Evaporation	5	ppm max.
Substances reducing dichromate	Passes test	
Substances reducing permanganate	Passes test	
Solubility in water	Passes test	
Chloride (Cl)	0.1	ppm max.
Phosphate (PO ₄)	0.05	ppm max.
Sulfate (SO ₄)	0.5	ppm max.
Aluminium (Al)	20	ppb max.
Arsenic and Antimony (as As)	5	ppb max.
Barium (Ba)	10	ppb max.
Beryllium (Be)	10	ppb max.
Bismuth (Bi)	50	ppb max.
Boron (B)	10	ppb max.
Cadmium (Cd)	10	ppb max.
Calcium (Ca)	100	ppb max.
Chromium (Cr)	10	ppb max.
Cobalt (Co)	10	ppb max.
Copper (Cu)	10	ppb max.
Gallium (Ga)	10	ppb max.
Germanium (Ge)	20	ppb max.
Gold (Au)	20	ppb max.
Indium (In)	10	ppb max.
Iron (Fe)	100	ppb max.
Lead (Pb)	10	ppb max.
Lithium (Li)	10	ppb max.
Magnesium (Mg)	50	ppb max.
Manganese (Mn)	10	ppb max.
Molybdenum (Mo)	20	ppb max.
Nickel (Ni)	10	ppb max.
Platinum (Pt)	20	ppb max.
Potassium (K)	50	ppb max.
Silver (Ag)	10	ppb max.
Sodium (Na)	200	ppb max.
Strontium (Sr)	20	ppb max.
Thallium (Tl)	20	ppb max.
Tin (Sn)	50	ppb max.
Titanium (Ti)	50	ppb max.
Vanadium (V)	10	ppb max.
Zinc (Zn)	50	ppb max.
Zirconium (Zr)	20	ppb max.

Product passed through 1 micron final filter.

TN_11-09-2012

S-QC03-VL-A-A100 / RV.00 / Eff.date 01-11-12