



Acetic Acid, Glacial
BAKER ANALYZED ACS
Reagent

Product No. 9508
 Specifications current as of: Jun 8
 2011

TEST	SPECIFICATION
Meets A.C.S. Specifications	
Meets Reagent Specifications for testing USP/NF monographs	
Assay (by GC, corrected for water)	min. 99.7 %
Color (APHA)	max. 10
Dilution Test	Passes Test
Residue after Evaporation	max. 0.001 %
Acetic Anhydride ((CH ₃ CO) ₂ O)	max. 0.01 %
Trace Impurities (in ppm):	
Chloride (Cl)	max. 1
Sulfate (SO ₄)	max. 1
Heavy Metals (as Pb)	max. 0.5
Iron (Fe)	max. 0.2
Substances Reducing Dichromate	Passes Test
Substances Reducing Permanganate	Passes Test
Titration Base (meq/g)	max. 0.0004
Acetaldehyde	max. 0.005 %
Sensitivity	Passes Test
Trace Impurities (in ppb):	
Arsenic and Antimony (as As)	max. 50
Boron (B)	max. 100
Chromium (Cr)	max. 200
Cobalt (Co)	max. 100
Copper (Cu)	max. 100
Heavy Metals (as Pb)	max. 500
Iron (Fe)	max. 200
Lead (Pb)	max. 300
Manganese (Mn)	max. 200
Nickel (Ni)	max. 100
Potassium (K)	max. 300
Tin (Sn)	max. 100
Titanium (Ti)	max. 300

Zinc (Zn)

max. 200

For Laboratory, Research or Manufacturing Use

IMPORTANT: Material will freeze if stored below 17°C (63°F).