

Product Specification

Meets ACS Reagent Chemical Requirements,

Test	Specification
Assay (by GC, corrected for water)	≥ 99.7 %
Color (APHA)	≤ 10
Dilution Test	Passes Test
Residue after Evaporation	≤ 0.001 %
Acetic Anhydride ((CH ₃ CO) ₂ O)	≤ 0.01 %
Chloride (Cl)	≤ 1 ppm
Sulfate (SO ₄)	≤ 1 ppm
Trace Impurities – Iron (Fe)	≤ 0.2 ppm
Substances Reducing Dichromate	Passes Test
Substances Reducing Permanganate	Passes Test
Titration Base (meq/g)	≤ 0.0004
Acetaldehyde	≤ 0.005 %
Sensitivity	Passes Test
Trace Impurities – Arsenic and Antimony (as As)	≤ 50.0 ppb
Trace Impurities – Boron (B)	≤ 100.0 ppb
Trace Impurities – Chromium (Cr)	≤ 200.0 ppb
Trace Impurities – Cobalt (Co)	≤ 100.0 ppb
Trace Impurities – Copper (Cu)	≤ 100.0 ppb
Trace Impurities – Iron (Fe)	≤ 200.0 ppb
Trace Impurities – Heavy Metals (as Pb)	≤ 0.5 ppm
Trace Impurities – Lead (Pb)	≤ 300.0 ppb
Trace Impurities – Manganese (Mn)	≤ 200.0 ppb
Trace Impurities – Nickel (Ni)	≤ 100.0 ppb
Trace Impurities – Potassium (K)	≤ 300.0 ppb
Trace Impurities – Tin (Sn)	≤ 100 ppb
Trace Impurities – Titanium (Ti)	≤ 300.0 ppb
Trace Impurities – Zinc (Zn)	≤ 200.0 ppb

Acetic Acid, Glacial
BAKER ANALYZED® A.C.S. Reagent
(Aldehyde Free)



Material No.: 9508-03

Test	Specification
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For Laboratory, Research, or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs
Storage Condition: IMPORTANT: Material will freeze if stored below 17 °C (63°F).

Packaging Site: Phillipsburg Mfg Ctr & DC