

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	≤ 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	≤ 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)	≤ 100,0 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.: 9508-07

Test

Specification

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: Paris Mfg Ctr & DC



Jamie Ethier
Vice President Global Quality

For questions on this Product Specification please contact Technical Services at 855.282.6867 or +1.610.386.1700
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