



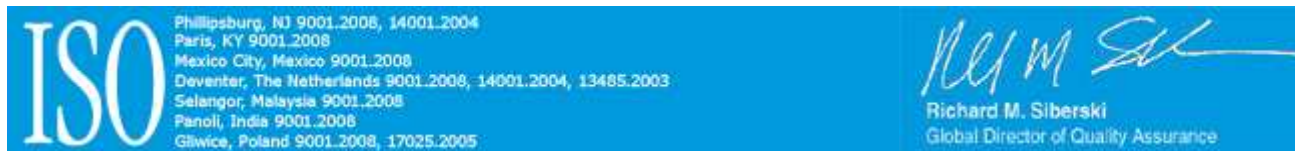
Acetic Acid, Glacial

BAKER ANALYZED[®] A.C.S. Reagent
(Aldehyde Free)

Product No. 9508
Lot No. L15T01
Release Date 04/24/2012

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Meets A.C.S. Specifications		
Meets Reagent Specifications for testing USP/NF monographs		
Assay (by GC, corrected for water)	99.7 % min.	99.8 %
Color (APHA)	10 max.	5
Dilution Test	Passes Test	Passes Test
Residue after Evaporation	0.001 % max.	< 0.001 %
Acetic Anhydride ((CH ₃ CO) ₂ O)	0.01 % max.	< 0.01 %
Trace Impurities (in ppm):		
Chloride (Cl)	1 max.	< 0.4
Sulfate (SO ₄)	1 max.	< 0.4
Heavy Metals (as Pb)	0.5 max.	< 0.5
Iron (Fe)	0.2 max.	< 0.03
Substances Reducing Dichromate	Passes Test	Passes Test
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Base (meq/g)	0.0004 max.	< 0.0004
Acetaldehyde	0.005 % max.	< 0.005 %
Sensitivity	Passes Test	Passes Test
Trace Impurities (in ppb):		
Arsenic and Antimony (as As)	50 max.	< 2
Boron (B)	100 max.	< 2
Chromium (Cr)	200 max.	< 3
Cobalt (Co)	100 max.	< 2
Copper (Cu)	100 max.	< 3
Heavy Metals (as Pb)	500 max.	< 500
Iron (Fe)	200 max.	< 30
Lead (Pb)	300 max.	< 2
Manganese (Mn)	200 max.	< 2
Nickel (Ni)	100 max.	< 3
Potassium (K)	300 max.	< 7
Tin (Sn)	100 max.	< 4
Titanium (Ti)	300 max.	< 2
Zinc (Zn)	200 max.	< 4
For Laboratory, Research or Manufacturing Use		
IMPORTANT: Material will freeze if stored below 17°C (63°F).		
Country of Origin: THAILAND		



For questions on this Certificate of Analysis please contact Technical Services at 855-282-6867 or 610-573-2600

Avantor™ Performance Materials, Inc.

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