

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



Material No.: 9511-05  
Batch No.: 0000028667  
Manufactured Date: 2012/12/11  
Expiration Date: 2016/12/10

## Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
ACS - Assay (by GC, corrected for water)	$\geq 99.7\%$	100.0
ACS - Color (APHA)	$\leq 10$	<5
Dilution Test	Passes Test	PT
ACS - Residue after Evaporation	$\leq 0.001\%$	<0.001
ACS - Acetic Anhydride ((CH <sub>3</sub> CO) <sub>2</sub> O)	$\leq 0.01\%$	<0.01
ACS - Chloride (Cl)	$\leq 1$ ppm	<1
ACS - Sulfate (SO <sub>4</sub> )	$\leq 1$ ppm	<1
ACS - Substances Reducing Dichromate	Passes Test	PT
ACS - Substances Reducing Permanganate	Passes Test	PT
ACS - Titrable Base (meq/g)	$\leq 0.0004$	< 0.0004
ACS - Suitability for Cholesterol Determination	Passes Test	PT
ACS - Acetaldehyde	$\leq 0.005\%$	< 0.005
Trace Impurities - ACS - Heavy Metals (as Pb)	$\leq 0.5$ ppm	< 0.5
Trace Impurities - ACS - Iron (Fe)	$\leq 0.200$ ppm	<0.001

For Laboratory, Research or Manufacturing Use

Storage Conditions: IMPORTANT: Material will freeze if stored below 17 °C (63°F).  
Country of Origin: US  
Packaging Site: Paris Mfg Ctr & DC



Phillipsburg, NJ 9001:2008, 14001:2004  
Paris, KY 9001:2008  
Mexico City, Mexico 9001:2008  
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003  
Gliwice, Poland 9001:2008, 17025:2005  
Selangor, Malaysia 9001:2008  
Dehradun, India, 9001:2008, 14001:2004, 13485:2003  
Mumbai, India, 9001:2008, 17025:2005  
Panoli, India 9001:2008

Richard M Siberski  
Global Director of Quality Assurance

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600  
Avantor™ Performance Materials Inc.

3477 Corporate Parkway, Suite #200, Center Valley, PA 18034, U.S.A. Phone: 610.573.2600 . Fax: 610.573.2610