

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



Material No.: 9511-05  
Batch No.: 24C2562001  
Manufactured Date: 2024-02-11  
Expiration Date: 2028-02-10  
Revision No.: 0

## Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
ACS - Assay (by GC, corrected for water)	≥ 99.7 %	99.9 %
ACS - Color (APHA)	≤ 10	5
Dilution Test	Passes Test	Passes Test
ACS - Residue after Evaporation	≤ 0.001 %	< 0.001 %
ACS - Acetic Anhydride ((CH <sub>3</sub> CO) <sub>2</sub> O)	≤ 0.01 %	< 0.01 %
ACS - Chloride (Cl)	≤ 1 ppm	< 1 ppm
ACS - Sulfate (SO <sub>4</sub> )	≤ 1 ppm	< 1 ppm
ACS - Substances Reducing Dichromate	Passes Test	Passes Test
ACS - Substances Reducing Permanganate	Passes Test	Passes Test
ACS - Titrable Base (meq/g)	≤ 0.0004	0.0002
ACS - Suitability for Cholesterol Determination	Passes Test	Passes Test
ACS - Acetaldehyde	≤ 0.005 %	< 0.005 %
ACS - Heavy Metals (by ICP-OES)	≤ 5 ppm	< 1 ppm
Trace Impurities - ACS - Iron (Fe)	≤ 0.200 ppm	< 0.200 ppm

For Laboratory, Research, or Manufacturing Use  
Storage Condition: IMPORTANT: Material will freeze if stored below 17 °C (63°F).

Country of Origin: USA  
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak  
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700