

Acetone  
AR® (ACS)  
For Histological Use



Material No.: 2440-06  
Batch No.: 23K1462021  
Manufactured Date: 2023-10-25  
Retest Date: 2030-10-23  
Revision No.: 0

## Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
ACS - Assay (CH <sub>3</sub> COCH <sub>3</sub> ) (by GC, corrected for water)	≥ 99.5 %	99.7 %
ACS - Aldehydes (as HCHO)	≤ 0.002 %	< 0.001 %
ACS - Color (APHA)	≤ 10	5
ACS - Isopropyl Alcohol (CH <sub>3</sub> CHOHCH <sub>3</sub> )(by GC)	≤ 0.05 %	< 0.05 %
ACS - Methanol (CH <sub>3</sub> OH)(by GC)	≤ 0.05 %	< 0.05 %
ACS - Residue after Evaporation	≤ 0.001 %	< 0.001 %
ACS - Solubility in H <sub>2</sub> O	Passes Test	Passes Test
ACS - Substances Reducing Permanganate	Passes Test	Passes Test
ACS - Titrable Acid (meq/g)	≤ 0.0003	0.0003
ACS - Titrable Base (meq/g)	≤ 0.0006	< 0.0001
ACS - Water (H <sub>2</sub> O)	≤ 0.5 %	0.3 %

For Laboratory, Research, or Manufacturing Use

Appearance (clear, colorless liquid)

Date Received: / /

Date Opened: / /

Country of Origin: USA

Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein  
Sr. Manager, Quality Assurance

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

Page 1 of 1