

Acetone  
AR® (ACS)  
For Histological Use



Material No.: 2440-06  
Batch No.: 0000089479  
Manufactured Date: 2014/09/03  
Retest Date: 2021/09/01

## Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
ACS - Assay ( $\text{CH}_3\text{COCH}_3$ ) (by GC, corrected for water)	$\geq 99.5 \%$	99.6
ACS - Aldehydes (as HCHO)	$\leq 0.002 \%$	$< 0.001$
ACS - Color (APHA)	$\leq 10$	5
ACS - Isopropyl Alcohol ( $\text{CH}_3\text{CHOHCH}_3$ )(by GC)	$\leq 0.05 \%$	$< 0.01$
ACS - Methanol ( $\text{CH}_3\text{OH}$ )(by GC)	$\leq 0.05 \%$	0.03
ACS - Residue after Evaporation	$\leq 0.001 \%$	$< 0.001$
ACS - Solubility in $\text{H}_2\text{O}$	Passes Test	PT
ACS - Substances Reducing Permanganate	Passes Test	PT
ACS - Titrable Acid (meq/g)	$\leq 0.0003$	0.0002
ACS - Titrable Base (meq/g)	$\leq 0.0006$	0.0001
ACS - Water ( $\text{H}_2\text{O}$ )(by GC)	$\leq 0.5 \%$	0.3

For Laboratory, Research or Manufacturing Use

Appearance (clear, colorless liquid)

Date Received: / /

Date Opened: / /

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  
Vice President Global Quality

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