

Acetonitrile  
ULTRA RESI-ANALYZED  
For Organic Residue Analysis



Material No.: 9255-03  
Batch No.: 0000093157  
Manufactured Date: 2013/10/14  
Expiration Date: 2015/01/13

## Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	$\leq 5$	$< 1$
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	$\leq 10$	1
Assay ( $\text{CH}_3\text{CN}$ ) (by GC, corrected for water)	$\geq 99.8 \%$	99.9
Color (APHA)	$\leq 10$	5
Residue after Evaporation	$\leq 1.0000 \text{ ppm}$	$< 0.1000$
Titration Acid ( $\mu\text{eq/g}$ )	$\leq 0.3$	0.3
Titration Base ( $\mu\text{eq/g}$ )	$\leq 0.6$	$< 0.1$
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01$

For Laboratory, Research or Manufacturing Use  
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: US



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