

Mannitol, Powder  
BAKER ANALYZED® A.C.S. Reagent



Material No.: 2554-01  
Batch No.: 0000164895  
Manufactured Date: 2015/10/08  
Retest Date: 2022/10/06

## Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
ACS – Specific Rotation $[\alpha]^{25}_{\text{D}}$ (+)	23.3 – 24.3 Degree	23.9
ACS – Insoluble Matter	$\leq 0.01 \%$	$< 0.01$
ACS – Loss on Drying at 105°C	$\leq 0.05 \%$	0.02
ACS – Residue after Ignition	$\leq 0.01 \%$	$< 0.01$
ACS – Titrable Acid (meq/g)	$\leq 0.0008$	0.0005
ACS – Reducing Sugars	Passes Test	PT
Trace Impurities – ACS – Heavy Metals (as Pb)	$\leq 5 \text{ ppm}$	$< 5$

For Laboratory, Research or Manufacturing Use

Country of Origin: FR  
Packaging Site: Paris Mfg Ctr & DC



Phillipsburg, NJ 9001:2008, 14001:2004, FSSC 22000  
Paris, KY 9001:2008  
Mexico City, Mexico 9001:2008  
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003  
Gliwice, Poland 9001:2008, 13485:2012  
Selangor, Malaysia 9001:2008  
Dehradun, India, 9001:2008, 14001:2004, 13485:2003  
Mumbai, India, 9001:2008  
Panoli, India 9001:2008

  
Jamie Ethier  
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, LLC.

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