

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



Material No.: 2554-01  
Batch No.: 0000015567  
Manufactured Date: 2011/07/05  
Retest Date: 2016/07/03

## Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
ACS – Specific Rotation [ $\alpha$ ] <sub>D</sub> <sup>25</sup> (+)	23.3 – 24.3 Degree	23.8
ACS – Insoluble Matter	<= 0.01 %	< 0.01
ACS – Loss on Drying at 105°C	<= 0.05 %	< 0.01
ACS – Residue after Ignition	<= 0.01 %	< 0.01
ACS – Titrable Acid (meq/g)	<= 0.0008	< 0.0001
ACS – Reducing Sugars	Passes Test	PT
Trace Impurities – ACS – Heavy Metals (as Pb)	<= 5 ppm	< 3

For Laboratory, Research, or Manufacturing Use

Country of Origin: FR  
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  
Global Director of Quality Assurance

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