

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



Material No.: 2554-01  
Batch No.: 0000143714  
Manufactured Date: 2015/10/14  
Retest Date: 2022/10/12

## Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

| Test                                          | Specification        | Result   |
|-----------------------------------------------|----------------------|----------|
| ACS – Specific Rotation $[\alpha]^{25}_D (+)$ | 23.3 – 24.3 Degree   | 23.5     |
| ACS – Insoluble Matter                        | $\leq 0.01 \%$       | $< 0.01$ |
| ACS – Loss on Drying at 105°C                 | $\leq 0.05 \%$       | 0.04     |
| ACS – Residue after Ignition                  | $\leq 0.01 \%$       | $< 0.01$ |
| ACS – Titrable Acid (meq/g)                   | $\leq 0.0008$        | 0.0003   |
| 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  
Selangor, Malaysia 9001:2008  
Dehradun, India, 9001:2008, 14001:2004, 13485:2003  
Mumbai, India, 9001:2008, 17025:2005  
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  
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