



## TECHNICAL DATA SHEET(TDS)

### Mannitol, Powder, USP Grade

#### Product Specifications (CAS# 64-65-8)

| Test                                       | Specification                           | Typical Results |
|--|---|-----------------|
| Appearance                                 | White or almost white powder or crystal | White Crystal   |
| Assay                                      | 97.0 - 102.0%                           | 99.8            |
| Melting point                              | 165 - 170°C                             | 166 - 168°      |
| Appearance of solution                     | Clear and Colorless                     | Pass            |
| Loss on drying                             | Max 0.5%                                | 0.1             |
| Nickel                                     | □1 □g/g                                 | <1              |
| Conductivity                               | Max 20 □S/cm                            | 3.1             |
| Sorbitol                                   | Max 2.0%                                | 0.2             |
| Sum of Maltitol & Isomalt                  | Max 2.0%                                | Not detected    |
| Total Impurities                           | Max 2.0%                                | 0.2             |
| Reducing sugars                            | Max 0.1%                                | <0.1            |
| Microbial Contamination, TAMC              | Max 1000 CFU/g                          | 10              |
| Microbial Contamination, TYMC              | Max 100 CFU/g                           | 10              |
| Absence of Escherichia Coli                | Negative                                | Pass            |
| Identification: Infrared absorption spect. | Conforms to spectra                     | Conforms        |
| Residual Solvents, USP <467>               | None                                    | Conforms        |

Appropriate/legal use of this product is the responsibility of the user.

[Mannitol, Powder, USP Grade](#)

Phone: 512-668-9918, Fax: 512-886-4008, E-mail: [customercare@laballey.com](mailto:customercare@laballey.com)

[www.laballey.com](http://www.laballey.com)

12501 Pauls Valley Road, Suite A, Austin, Texas 78737

© 2026 Lab Alley