

## PRODUCT SPECIFICATION SHEET

### Mannitol Powder

Reagent Grade

Test	Specification	Typical Results
Assay	97.0 - 102.0%	99.2%
Specific Rotation (Borate)	+23.0° - +24.3°	+24.1°
Melting Point	165 - 170°C	166°C
Loss on Drying @ 105°C	≤0.05%	<0.05%
Reducing Sugars	To Pass Test	Pass
Residue after Ignition	≤0.01%	<0.01%
Titration Acids	≤0.0008 meq/g	<0.0008 meq/g
Chloride	≤ 1 ppm	<1 ppm
Sulfate	≤ 1 ppm	<1 ppm
Lead	≤5 ppm	<0.5 ppm
Nickel	≤ 1 ppm	<1 ppm

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