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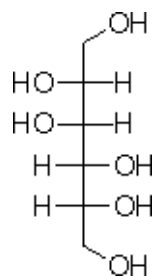
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## Product Specification

Product Name:  
D-Mannitol - plant cell culture tested

**Product Number:** M1902  
**CAS Number:** 69-65-8  
**MDL:** MFCD00064287  
**Formula:** C<sub>6</sub>H<sub>14</sub>O<sub>6</sub>  
**Formula Weight:** 182.17 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
100 mg/mL, H <sub>2</sub> O	
Proton NMR spectrum	Conforms to Structure
Specific Rotation	137 - 145 °
C= 1 in acidified Molybdate, 25 Deg C	
Purity (GC)	≥ 98 %
Plant Cell Culture Test	Pass
Recommended Retest Period	-----
6 years	

Specification: PRD.0.ZQ5.10000028409

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.