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Certificate of Analysis

Product Description: D-Mannitol, ACS_
Catalog Number: 152540_
Lot: M1831_

Formula: C₆H₁₄O₆

CAS #: 69-65-8

Physical Description: White Powder

Formula Weight: 182.17

Storage: Room Temperature

Test	Specification	Result
Purity	#99.0%	99.64%
Optical Rotation	+23.3° to +24.3°	+23.7°C
Reducing Sugars	Passes	Passes
Insoluble Matter	#0.01%	0.006%
Loss on Drying	#0.05%	0.05%
Residue After Ignition	#0.01%	0.00%
Titratable Acid	#0.0008 meq/g	0.0008 meq/g
Heavy Metals (as Pb)	#5 ppm	0.5 ppm

Christina Marotta

06/10/2011 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

This is an electronically generated document
<mailto:biotech@mpbio.com>
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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site
Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)