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Certificate of Analysis

Product Description: Methyl-alpha-D-mannopyranoside
Catalog Number: 153937
Lot: SR02796**Formula:** C₇H₁₄O₆
CAS #: 617-04-9
Physical Description: White Crystalline Powder**Formula Weight:** 194.2
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~99%	99.91%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	187 - 197°C	192.5 - 193.7 °C
Loss on Drying	<0.5%	0.29%
Optical Rotation (c=1, water)	+76° to +85°	+80.2°

Heavy Metals: <20 ppm
Recommended Retest Date (MM/DD/YYYY): 06/01/202306/03/2020 - John Huang, PhD
MP Biomedicals, LLC.
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