



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: D-myo-Inositol_
Catalog Number: 102052_
Lot: 1949J_

Formula: C₆H₁₂O₆
CAS #: 87-89-8
Physical Description: White Crystalline Powder

Formula Weight: 180.20
Storage: Room Temperature

Test	Specification	Result
Identification A	Passes	Passes
Identification B	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	220 - 230°C	224.5 - 227°C
pH (10% aq soln)	Neutral to Litmus	Neutral to Litmus
Solubility (10% aq soln)	Clear Solution	Clear Solution

Bulk Density: 0.48
Calcium: 50 ppm
Chloride: 40 ppm
Heavy Metals: 8 ppm
Iron: 4 ppm
Loss on Drying: 0.1%
Mesh Size: 100% through 20 mesh
Odor: Odorless
Residue on Ignition: 0.03%
Sulfate: 40 ppm

04/24/2006 - Robert Beattie

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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)