



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: D-myo-Inositol_
Catalog Number: 102052_
Lot: M1783_

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

Formula Weight: 180.20
Storage: Room Temperature

Test	Specification	Result
Identification A	Passes	Positive
Identification B	Passes	Positive
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	220 - 230°C	224.8 - 226.0°C
pH (10% aq soln)	Neutral to Litmus	Neutral to Litmus
Solubility (10% aq soln)	Clear Solution	Clear Solution

Assay: 99.12%
Calcium (FCC): Passes
Chloride: <0.005%
Sulfate: <0.006%
Heavy Metals: <5 ppm
Iron: <5 ppm
E.coli: Negative
Salmonella: Negative
Total Plate Count: 40 cfu/g
Mold & Yeast: #10 cfu/g
Arsenic: <0.5 ppm
Lead: <0.5 ppm
Residue on Igniton: 0.1%
Loss on Drying: 0.02%

Christina Marotta

06/10/2011 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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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)