

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: D-myo-Inositol

Catalog Number: 102052

Lot: 8753J

Formula: $C_6H_{12}O_6$

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 - 225.3°C
pH (10% aq soln)	Neutral to Litmus	Neutral to Litmus
Solubility (10% aq soln)	Clear Solution	Clear, Colorless Solution

Arsenic: NMT 3 ppm

Assay: 99.22%

Chloride: NMT 0.005%

Heavy Metals: NMT 20 ppm

Iron: NMT 5 ppm

Lead: NMT 10 ppm

Loss on Drying: 0.031%

Residue on Ignition: 0.017%

Sulfate: NMT 0.006%

Coliforms: Negative

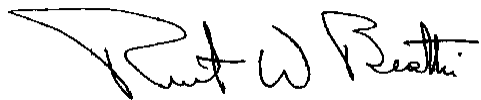
Colon bacillus: Negative

E. coli: Negative

Salmonella: Negative/25g

Total Plate Count: 62 cfu/g

Yeast and Mold: 10 cfu/g



03/04/2008 - Robert Beattie

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)