



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

Product Description: D-myo-Inositol
Catalog Number: 102052
Lot: 1509K

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	224.4-225.6°C
pH (10% aq soln)	Neutral to Litmus	Neutral to Litmus
Solubility (10% aq soln)	Clear Solution	Clear Solution

Assay (on dry basis): 99.11%
Calcium: Unable to detect deposit
Chloride: 0.002%
Loss on Drying: 0.02%
Odor: Oderless
Residue on Ignition: 0.03%
Sulfate: 0.002%
Taste: Sweet
Transmittance: Transparent
Heavy Metals: 0.0002%
Iron: 0.0002%

Meets NF 12 Requirements.

08/29/2008 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

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)