

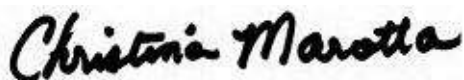
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Certificate of Analysis

Product Description: D-myo-Inositol
Catalog Number: 102052
Lot: M7158**Formula:** $C_6H_{12}O_6$
CAS #: 87-89-8
Physical Description: White 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	224.9°C
pH (10% aq soln)	Neutral to Litmus	Neutral to Litmus
Solubility (10% aq soln)	Clear Solution	clear colorless solution

Assay: 99.45%
Loss on drying: 0.02%
Residue on ignition: 0.03%
Chloride: <0.005%
Sulfate: <0.006%
Heavy metals: <10 ppm
Arsenic: <0.500 ppm
Cadmium: <0.100 ppm
Lead: <0.500 ppm
Mercury: <0.100 ppm
Total plate count: <100 cfu/g
E.coli & Salmonella: Negative
Coliforms: <100 cfu/g
Staphylococcus aureus: Negative
Mesh size: 84.1% thru 100 mesh
Bulk density: 0.50 g/ml
Tap density: 0.89 g/ml



07/10/2013 - *Christina Marotta*
MP Biomedicals, LLC.
Technical Director

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