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Certificate of Analysis

Product Description: Manganese Sulfate Monohydrate
Catalog Number: 155336
Lot: 1223K

Formula: $MnSO_4 \cdot H_2O$
CAS #: 10034-96-5
Physical Description: Powder

Formula Weight: 169.0
Storage: Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes

ID Test for Mangznese: Passes
ID Test for Sulfate: Passes
Assay: 100.1%
Loss on Ignition: 10.71%
Lead: 0.03 ppm
Heavy Metals: <0.002%
Substances Not Precipitated By Ammonium Sulfide: 0.00%
Selenium: <0.003%
Residual Solvents: Conform to USP
Mesh Test On 60: 2.9%
Arsenic: <3 ppm

07/28/2008 - Robert Beattie
MP Biomedicals, LLC.
Technical Director

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<mailto:biotech@mpbio.com>
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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)