

**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: Zinc Sulfate, ACS_

Catalog Number: 191452_

Lot: 5250E_

Formula: $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$

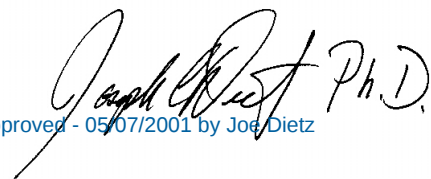
CAS #: 7446-20-0

Physical Description: white chunks

Formula Weight: 287.56

Storage: Room Temperature

Test	Specification	Result
Assay	99.0-103.0%	100.24%
pH (5% aq.)	4.4-6.0	5.29
Insoluble matter	NMT 0.01%	0.005%
Chloride	NMT 5 ppm	5 ppm max.
Nitrate	NMT 0.002%	0.002% max.
Ammonium	NMT 0.001%	0.001% max.
Arsenic	NMT 1 ppm	1 ppm
Calcium	NMT 0.005%	0.0033%
Iron	NMT 0.001%	0.0007%
Lead	NMT 0.003%	0.0020%
Magnesium	NMT 0.005%	0.0002%
Manganese	NMT 3 ppm	0.0002%
Potassium	NMT 0.01%	0.0011%
Sodium	NMT 0.05%	0.0013%


Approved - 05/07/2001 by Joe Dietz

MP Biomedicals, LLC.

Technical Director

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<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)