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Certificate of Analysis

Product Description: Ferrous Sulfate Heptahydrate

Catalog Number: 158048

Lot: 1115J

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

CAS #: 7782-63-0

Physical Description: Pale Green Granular Solid

Formula Weight: 278.02

Storage: Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 99\%$	101.17%
FTIR	Conforms to Reference	Conforms to Reference

pH (5% soln, 25°C): 3.66

Chloride: 0.0006%

Copper: 0.001%

Ferric Iron: 0.05%

Insoluble Matter: 0.0039%

Manganese: 0.0055%

Phosphate: 0.0006%

Zinc: 0.004%

Magnesium: 0.0006%

Potassium: 0.0008%

Sodium: 0.001%

Substance not ppt by NH_4OH : 0.045%

Arsenic: 1 ppm

Lead: 0.0008%

Mercury: 0.5 microgram/gram

Organic Volatile Impurities: Passes test

01/31/2006 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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<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)