

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Cupric Sulfate Pentahydrate

Catalog Number: 195117

Lot: 1707F

Formula: $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$

CAS #: 7758-99-8

Physical Description: Blue Powder

Formula Weight: 249.68

Storage: Room Temperature, store under nitrogen

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 99\%$	99.48%

pH (10%): 4.4

Copper (Cu): 25.33%

Sulfuric Acid Insolubles: 0.03%

Iron(Fe): 0.0431%

Lead (Pb): 0.0040%

Nickel (Ni): 0.0007%

Zinc (Zn): 0.0063%

Aluminum (Al): 0.0143%

02/26/2002 - Joseph Dietz, Ph.D.

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)