

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Magnesium Chloride Hexahydrate, ACS.

Catalog Number: 191421.

Lot: 2200J.

Formula: $\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$

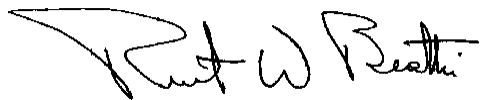
CAS #: 7791-18-6

Physical Description: White Crystals

Formula Weight: 203.30

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	
Purity	99 - 102%	99.7%
Insoluble Matter	$\leq 0.005\%$	$< 0.005\%$
Nitrate (NO_3)	$\leq 0.001\%$	$< 0.001\%$
Phosphate (PO_4)	≤ 5 ppm	< 5 ppm
Sulfate (SO_4)	$\leq 0.002\%$	$< 0.002\%$
Ammonium (NH_4)	$\leq 0.002\%$	< 5 ppm
Barium (Ba)	$\leq 0.005\%$	$< 0.005\%$
Calcium (Ca)	$\leq 0.01\%$	0.0001%
Manganese (Mn)	≤ 5 ppm	< 5 ppm
Potassium (K)	$\leq 0.005\%$	$< 0.005\%$
Sodium (Na)	$\leq 0.005\%$	$< 0.005\%$
Strontium (Sr)	$\leq 0.005\%$	$< 0.005\%$
Heavy Metals (as Pb)	≤ 5 ppm	< 5 ppm
Iron (Fe)	≤ 5 ppm	< 5 ppm



05/15/2006 - 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)