



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Potassium Chloride, ACS_
Catalog Number: 191427_
Lot: 8696F_

Formula: KCl
CAS #: 7447-40-7
Physical Description: White Crystalline Powder

Formula Weight: 74.55
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Assay	99.0-100.5%	99.16%
pH (5% aq soln)	5.4 - 8.6	6.53
Insoluble Matter	≤0.005%	0.003%
Iodide	≤0.002%	0.0003%
Bromide	≤0.01%	0.009%
Chlorate and Nitrate	≤0.003%	0.0009%
Nitrogen Compounds	≤0.001%	0.0006%
Phosphate	≤5 ppm	3 ppm
Sulfate	≤0.001%	0.0008%
Barium	Passes Test	Passes
Heavy Metals (as Pb)	≤5 ppm	3 ppm
Iron	≤3 ppm	1 ppm
Calcium	≤0.002%	0.0003%
Magnesium	≤0.001%	0.0001%
Sodium	≤0.005%	0.0014%


06/26/2003 - Joseph Dietz, Ph.D.
MP Biomedicals, LLC.
Technical Director

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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)