



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Potassium Chloride, ACS\_  
**Catalog Number:** 191427\_  
**Lot:** 6443H\_

**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%	100.06%
pH (5% aq soln)	5.4 - 8.6	6.18
Insoluble Matter	≤0.0005%	0.003%
Iodide	≤0.002%	0.0005%
Bromide	≤0.01%	0.008%
Chlorate and Nitrate	≤0.003%	0.001%
Nitrogen Compounds	≤0.001%	0.0008%
Phosphate	≤5 ppm	3 ppm
Sulfate	≤0.001%	0.0006%
Barium	Passes Test	Passes Test
Heavy Metals (as Pb)	≤5 ppm	2 ppm
Iron	≤3 ppm	1 ppm
Calcium	≤0.002%	0.0005%
Magnesium	≤0.001%	0.0008%
Sodium	≤0.005%	0.0023%

  
02/16/2005 - 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)