



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Potassium Chloride, ACS\_  
**Catalog Number:** 191427\_  
**Lot:** SR02471\_

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

**Formula Weight:** 74.55  
**Storage:** desiccate, 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Assay	99.0 - 100.5%	99.54%
pH (5% aq soln)	5.4 - 8.6	6.58
Insoluble Matter	#0.005%	0.004%
Iodide	#0.002%	<0.002%
Bromide	#0.01%	<0.01%
Chlorate and Nitrate	#0.003%	<0.003%
Phosphate	#5 ppm	<5 ppm
Sulfate	#0.001%	<0.001%
Barium	Passes	Passes
Heavy Metals (as Pb)	#5 ppm	<5 ppm
Iron	#3 ppm	<3 ppm
Calcium	#0.002%	0.0003%
Magnesium	#0.001%	0.0002%
Sodium	#0.005%	0.0030%

Loss on drying: 0.81%

Organic Volatile Impurities: Passes test

Acidity or alkalinity: Passes

Residual Solvent: Solvent (other than water) was not used during production or purification process of the product  
Recommended Retest Date (MM/DD/YYYY): 03/03/2023



03/06/2020 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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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)