



**MP Biomedicals, LLC**

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530

Fax: 440/337-1180  
web: www.mpbio.com

## Certificate of Analysis

**Product Description:** Potassium Chloride, ACS\_  
**Catalog Number:** 191427\_  
**Lot:** S4393\_

**Formula:** KCl  
**CAS #:** 7447-40-7

**Physical Description:** White Crystals

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

Test	Specification	Result
Identity Test	Passes	Passes
Assay	99.0 - 100.5%	99.86%
pH (5% aq soln)	5.4 - 8.6	5.71
Insoluble Matter	#0.005%	0.002%
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%	0.0006%
Magnesium	#0.001%	0.0003%
Sodium	#0.005%	0.0030%

Acidity or Alkalinity: Passes

Loss on Drying (105°C / 2h): 0.20%

Calcium and Magnesium: Passes

Organic Volatile Impurities: Passes

Residual Solvent: Solvent (other than water) was not used during production or purification process of the product

Recommended Retest Date (MM/DD/YYYY): 05/08/2023



07/07/2020 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

This is an electronically generated document

<mailto:biotech@mpbio.com>

<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)