



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Potassium Chloride, ACS_
Catalog Number: 191427_
Lot: M7654_

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

Formula Weight: 74.55
Storage: Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Assay	99.0 - 100.5%	99.51%
pH (5% aq soln)	5.4 - 8.6	6.15
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%	0.0009%
Magnesium	#0.001%	0.0003%
Sodium	#0.005%	0.004%

Loss on drying: 0.09%

Organic Volatile Impurities: Passes test

Christina Marotta

09/16/2013 - Christina Marotta

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)