



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Potassium Iodide, ACS_
Catalog Number: 152562_
Lot: QR14711_

Formula: KI
CAS #: 7681-11-0
Physical Description: White Crystalline Particles

Formula Weight: 166.00
Storage: protect from light, 15-30°C desiccate

Test	Specification	Result
Assay	#99.0%	99.7%
pH (5% aq soln)	6 - 9.2	6.35
Insoluble Matter	#0.005%	<0.005%
Loss on Drying (105°C)	#0.2%	<0.2%
Chloride & Bromide	#0.01%	<0.01%
Iodate (IO ₃)	#3 ppm	<3 ppm
Phosphate (PO ₄)	#0.001%	<0.001%
Sulfate (SO ₄)	#0.005%	<0.005%
Barium (Ba)	#0.002%	<0.002%
Heavy Metals (as Pb)	#5 ppm	<5 ppm
Iron (Fe)	#3 ppm	<3 ppm
Calcium (Ca)	#0.002%	<0.002%
Magnesium (Mg)	#0.001%	<0.001%
Sodium (Na)	#0.005%	<0.005%

Recommended Retest Date: 10/03/2020

10/05/2017 - 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)