



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Potassium Iodide, ACS\_  
**Catalog Number:** 152562\_  
**Lot:** Q8043\_

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

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

Test	Specification	Result
Assay	#99.0%	99.8% (as is)
pH (5% aq soln)	6 - 9.2	6.53
Insoluble Matter	#0.005%	#0.005%
Loss on Drying (105°C)	#0.2%	0.1%
Chloride & Bromide	#0.01%	#0.01%
Iodate (IO <sub>3</sub> )	#3 ppm	#3 ppm
Phosphate (PO <sub>4</sub> )	#0.001%	#0.001%
Sulfate (SO <sub>4</sub> )	#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: 05/31/2020

11/17/2017 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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