



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Potassium Iodide, ACS\_  
**Catalog Number:** 152562\_  
**Lot:** 7010K\_

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

**Formula Weight:** 166.00  
**Storage:** Room Temperature, desiccate, protect from light

Test	Specification	Result
Assay	#99.0%	99.6%
pH (5% aq soln)	6 - 9.2	8.5
Insoluble Matter	#0.005%	None
Loss on Drying (105°C)	#0.2%	<0.2%
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%

*Christina Marotta*

05/25/2010 - 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)