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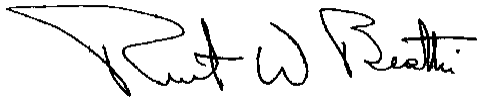
## Certificate of Analysis

**Product Description:** Potassium Iodide, ACS\_  
**Catalog Number:** 152562\_  
**Lot:** 8203J\_

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

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

Test	Specification	Result
Assay	≥99.0%	99.9%
pH (5% aq soln)	6 - 9.2	6.2
Insoluble Matter	≤0.005%	0.002%
Loss on Drying (105°C)	≤0.2%	0.0%
Chloride & Bromide	≤0.01%	<0.01%
Iodate (IO <sub>3</sub> )	≤3 ppm	<0.5 ppm
Nitrogen Compounds	≤0.001%	Passes
Phosphate (PO <sub>4</sub> )	≤0.001%	Passes
Sulfate (SO <sub>4</sub> )	≤0.005%	<0.005%
Barium (Ba)	≤0.002%	<0.002%
Heavy Metals (as Pb)	≤5 ppm	Passes
Iron (Fe)	≤3 ppm	Passes
Calcium (Ca)	≤0.002%	<0.001%
Magnesium (Mg)	≤0.001%	<0.0001%
Sodium (Na)	≤0.005%	0.001%



01/18/2008 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

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