



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Potassium Iodide, ACS\_  
**Catalog Number:** 152562\_  
**Lot:** M7769\_

**Formula:** KI  
**CAS #:** 7681-11-0  
**Physical Description:** 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       | 6.8     |
| Insoluble Matter             | #0.005%       | <0.005% |
| 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*

09/27/2013 - 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)