



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

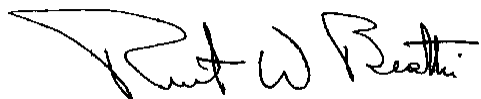
Product Description: Potassium Iodide, ACS_
Catalog Number: 152562_
Lot: 1329K_

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

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

Test	Specification	Result
Assay	≥99.0%	99.8%
pH (5% aq soln)	6 - 9.2	6.10
Insoluble Matter	≤0.005%	<0.005
Loss on Drying (105°C)	≤0.2%	0.047%
Chloride & Bromide	≤0.01%	<0.010%
Iodate (IO ₃)	≤3 ppm	<0.0003%
Nitrogen Compounds	≤0.001%	<0.001%
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	<5.0 ppm
Iron (Fe)	≤3 ppm	<3.0 ppm
Calcium (Ca)	≤0.002%	<0.002%
Magnesium (Mg)	≤0.001%	<0.001%
Sodium (Na)	≤0.005%	30.0 ppm

Organic Volatile Impurities: Conforms

A handwritten signature in black ink, appearing to read "Robert W. Beattie". The signature is stylized with a large, sweeping initial "R" and a distinct "W".

08/05/2008 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

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)