



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Potassium Iodide, ACS_
Catalog Number: 152562_
Lot: 2364H_

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

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

Test	Specification	Result
Assay	≥99.0%	99.7%
pH (5% aq soln)	6 - 9.2	8.8
Insoluble Matter	≤0.005%	0.004%
Loss on Drying (105°C)	≤0.2%	0.01%
Chloride & Bromide	≤0.01%	< 0.002%
Iodate (IO ₃)	≤3 ppm	< 0.5 ppm
Nitrogen Compounds	≤0.001%	Passes
Phosphate (PO ₄)	≤0.001%	Passes
Sulfate (SO ₄)	≤0.005%	< 0.001%
Barium (Ba)	≤0.002%	< 0.001%
Heavy Metals (as Pb)	≤5 ppm	Passes
Iron (Fe)	≤3 ppm	Passes
Calcium (Ca)	≤0.002%	Passes
Magnesium (Mg)	≤0.001%	Passes
Sodium (Na)	≤0.005%	Passes

Handwritten signature of Joseph Dietz, Ph.D. in blue ink.

02/09/2004 - Joseph Dietz, Ph.D

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)