

Certificate of Analysis

Product Description: Potassium Iodide, ACS_
Catalog Number: 152562_
Lot: S0073_

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

Formula Weight: 166.00
Storage: desiccate, protect from light, 15 - 30°C

Test	Specification	Result
Assay	#99.0%	99.7% (as is)
pH (5% aq soln)	6 - 9.2	6.35
Insoluble Matter	#0.005%	#0.005%
Loss on Drying (105°C)	#0.2%	0.10%
Chloride & Bromide	#0.01%	#0.01%
Iodate (IO ₃)	#3 ppm	#3 ppm
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 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%

Recommended Retest Date: 09/30/2021

09/26/2018 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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