CERTIFICATE OF ANALYSIS

Product Name: Potassium Iodide
ACS Grade

Catalog Number: P011
Molecular Formula: KI
Formula Weight: 166.0
Lot Number: 03152017
CAS Number: 7681-11-0

Test	Specifications	Results
Appearance	White crystalline solid	PASS
Identity Test	Passes Test	PASS
Assay	≥ 99.0 %	100.3 %
pH (5%,H_2O):	6.0 - 9.2	6.3
Insoluble Matter:	≤ 0.005 %	< 0.0002 %
Loss on Drying	≤ 0.2 %	0.037 %
Chloride and Bromide (as Cl):	≤ 0.01 %	0.01 %
Iodate (IO_3):	≤ 3 ppm (0.0003 %)	< 0.0003 %
Phosphate (PO_4):	≤ 0.001 %)	0.0003 %
Sulfate (SO_4):	≤ 0.005 %	0.003 %
Barium (Ba)	≤ 0.002%	< 0.0001 %
Heavy Metals (as Pb):	≤ 5 ppm (0.0005 %)	0.0001 %
Iron (Fe):	≤ 3 ppm (0.0003 %)	0.0001 %
Calcium (Ca):	≤ 0.002 %	< 0.0001 %
Magnesium (Mg):	≤ 0.001 %	< 0.0001 %
Sodium (Na):	≤ 0.005 %	0.002 %

Additional Information

Store at 15 to 30º. Protect from moisture.
Recommended Retest: July 31, 2018

This product meets or exceeds the quality standards established by Caisson Laboratories, Inc.

Becky Kowallis 4/2/2015
Quality Control

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