

Potassium Iodide, Granular  
BAKER ANALYZED® A.C.S. Reagent



Material No.: 3162-05  
Batch No.: 0000086686  
Manufactured Date: 2014/05/15  
Retest Date: 2021/05/13

## Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
Assay (KI)	$\geq 99.0 \%$	100.1
ACS – Insoluble Matter	$\leq 0.005 \%$	$< 0.001$
Loss on Drying at 150°C	$\leq 0.2 \%$	$< 0.1$
pH of 5% Solution at 25°C	6.0 – 9.2	6.9
Chloride and Bromide (as Cl)	$\leq 0.01 \%$	0.01
Phosphate (PO <sub>4</sub> )	$\leq 0.001 \%$	$< 0.001$
Sulfate (SO <sub>4</sub> )	$\leq 0.005 \%$	0.001
Barium (Ba)	$\leq 0.002 \%$	$< 0.001$
Calcium (Ca)	$\leq 0.002 \%$	$< 0.001$
Magnesium (Mg)	$\leq 0.001 \%$	$< 0.001$
Sodium (Na)	$\leq 0.005 \%$	0.004
Iodate (IO <sub>3</sub> )	$\leq 3 \text{ ppm}$	$< 3$
Trace Impurities – ACS – Heavy Metals (as Pb)	$\leq 5 \text{ ppm}$	$< 3$
Trace Impurities – Iron (Fe)	$\leq 2 \text{ ppm}$	1

For Laboratory, Research or Manufacturing Use  
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US  
Packaging Site: Paris Mfg Ctr & DC



Phillipsburg, NJ 9001:2008, 14001:2004  
Paris, KY 9001:2008  
Mexico City, Mexico 9001:2008  
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003  
Gliwice, Poland 9001:2008, 17025:2005  
Selangor, Malaysia 9001:2008  
Dehradun, India, 9001:2008, 14001:2004, 13485:2003  
Mumbai, India, 9001:2008, 17025:2005  
Panoli, India 9001:2008

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