

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



Material No.: 3162-05
Batch No.: 0000050679
Manufactured Date: 2011/11/16
Retest Date: 2018/11/14

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
Assay (KI)	$\geq 99.0 \%$	99.7
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	7.6
Chloride and Bromide (as Cl)	$\leq 0.01 \%$	< 0.01
Phosphate (PO ₄)	$\leq 0.001 \%$	< 0.001
Sulfate (SO ₄)	$\leq 0.005 \%$	0.004
Barium (Ba)	$\leq 0.002 \%$	< 0.002
Calcium (Ca)	$\leq 0.002 \%$	< 0.001
Magnesium (Mg)	$\leq 0.001 \%$	< 0.001
Sodium (Na)	$\leq 0.005 \%$	0.005
Iodate (IO ₃)	$\leq 3 \text{ ppm}$	< 1
Trace Impurities – ACS – Heavy Metals (as Pb)	$\leq 5 \text{ ppm}$	< 3
Trace Impurities – Iron (Fe)	$\leq 2.000 \text{ ppm}$	< 1.000

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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