

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



Material No.: 3162-05
Batch No.: 0000026891
Manufactured Date: 2011/08/24
Retest Date: 2016/08/22

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
Assay (KI)	$\geq 99.0 \%$	100.1
ACS – Insoluble Matter	$\leq 0.005 \%$	< 0.005
Loss on Drying at 150°C	$\leq 0.2 \%$	< 0.1
pH of 5% Solution at 25°C	6.0 – 9.2	6.7
Chloride and Bromide (as Cl)	$\leq 0.01 \%$	< 0.01
Phosphate (PO ₄)	$\leq 0.001 \%$	< 0.001
Sulfate (SO ₄)	$\leq 0.005 \%$	< 0.003
Barium (Ba)	$\leq 0.002 \%$	< 0.002
Calcium (Ca)	$\leq 0.002 \%$	< 0.002
Magnesium (Mg)	$\leq 0.001 \%$	< 0.001
Sodium (Na)	$\leq 0.005 \%$	0.003
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

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

Richard M Siberski
Global Director of Quality Assurance

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600
Avantor™ Performance Materials Inc.

3477 Corporate Parkway, Suite #200, Center Valley, PA 18034, U.S.A. Phone: 610.573.2600 . Fax: 610.573.2610