



**ChemPure* Brand
Chemicals**

...Pure Quality

Certificate of Analysis

Product Name: **POTASSIUM IODIDE ACS**

Product Number:	CP-A1969D, I1969D, M1969D, X1969D	Formula:	IK
CAS Number:	7681-11-0	MDL:	MFCD00011405
Lot Number:	9000-1506253	Formula Weight:	166.0 G/MOL
Manufactured Date:	June 30, 2015	Retest Date:	June 30, 2020

ANALYTICAL RESULTS

TEST	SPECIFICATIONS	RESULTS
Appearance (Color)	White	White
Appearance (Form)	Crystals	Crystals
Titration by Potassium Iodate	$\geq 99.0 \%$	99.3%
Loss on Drying	$\leq 0.2 \%$	0.02%
Insoluble matter	$\leq 0.005 \%$	0.001%
Barium	$\leq 0.002 \%$	Passes Test
Miscellaneous Assay Chloride and Bromide	$\leq 0.01 \%$	Passes Test
Iron (Fe)	$\leq 3 \text{ ppm}$	Passes Test
Heavy Metal As Lead	$\leq 5 \text{ ppm}$	Passes Test
Miscellaneous Assay Iodate	$\leq 3 \text{ ppm}$	Passes Test
Calcium (Ca)	$\leq 0.002 \%$	0.0003%
Magnesium (Mg)	$\leq 0.001 \%$	0.00001%
Sodium (Na)	$\leq 50 \text{ ppm}$	45 ppm
pH At 25°C; c = 5%; Water	6.0 - 9.2	7.5
Sulfate (SO ₄)	$\leq 0.005 \%$	Passes Test
Phosphate (PO ₄)	$\leq 0.001 \%$	Passes Test

Meets ACS Requirements Current ACS Specification
Tenth Edition

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It is certified that the above copy is a true copy of the actual lot analysis.

Vyto Mekesa
QC Manager