



**ChemPure* Brand
Chemicals**

Product Code: CP-A1969D

Lot #: 4370-2014100837

Certificate Of Analysis

Chemical Name: **Potassium Iodide**

Crystal, ACS

Chemical Formula: KI

...Pure Quality

F.W.: 166.0000

CAS: 7681-11-0

Density: 1.0000 kg/L

Analytical Results		
Item	Specifications	Analysis
Chloride and bromide (as Cl)	0.01% max.	<0.01%
Color	White	Passes Test
Form	Granules	Passes Test
Heavy Metals (as Pb)	5 ppm max.	<5ppm
Insoluble Matter	0.005% max.	<0.005%
Iodate (IO ₃)	3 ppm max.	<3ppm
Iron (Fe)	3 ppm max.	<2ppm
Loss on Drying at 150°C	0.2% max.	<0.02%
Magnesium (Mg)	0.001% max.	<0.001%
pH of a 5% solution at 25°C	6.0-9.2	6.3
Phosphate (PO ₄)	0.001% max.	<0.001%
Sodium (Na)	0.005% max.	<0.005%
Sulfate (SO ₄)	0.005% max.	<0.005%
Assay (KI)	99.0% min.	99.8%
Barium (Ba)	0.002% max.	<0.002%
Calcium (Ca)	0.002% max.	<0.002%

Remarks:

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

Matthew Taylor
Laboratory Manager

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