



**ChemPure\* Brand  
Chemicals**

Product Code: CP-M1969D  
Lot #: 2018012576

## 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.	0.009%
Color	White	Passes Test
Form	Granules	Passes Test
Heavy Metals (as Pb)	5 ppm max.	1 ppm
Insoluble Matter	0.005% max.	0.003%
Iodate (IO <sub>3</sub> )	3 ppm max.	<3 ppm
Iron (Fe)	3 ppm max.	2 ppm
Loss on Drying at 150°C	0.2% max.	0.07%
Magnesium (Mg)	0.001% max.	<0.0001%
Manufacture Date	Record Actual	01/09/2018
pH of a 5% solution at 25°C	6.0-9.2	7.1
Phosphate (PO <sub>4</sub> )	0.001% max.	0.0002%
Sodium (Na)	0.005% max.	0.003%
Sulfate (SO <sub>4</sub> )	0.005% max.	0.001%
Assay (KI)	99.0% min.	100.0%
Barium (Ba)	0.002% max.	<0.0001%
Calcium (Ca)	0.002% max.	<0.0001%

Remarks:

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

Eddy Santiago  
Quality Assurance Manager

Disclaimer: To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. However, nothing herein shall constitute any express or implied warranty of merchantability or fitness for a particular purpose. It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose.