



**ChemPure* Brand
Chemicals**

Product Code: CP-A1969D
Lot #: 2019031845

Certificate Of Analysis

...Pure Quality

Chemical Name: **Potassium Iodide**
Crystal, ACS

F.W.: 166.0000
CAS: 7681-11-0
Density: 1.0000 kg/L

Chemical Formula: KI

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.	0.001%
Iodate (IO ₃)	3 ppm max.	<3 ppm
Iron (Fe)	3 ppm max.	1 ppm
Loss on Drying at 150°C	0.2% max.	0.09%
Magnesium (Mg)	0.001% max.	<0.0001%
Manufacture Date	Record Actual	01/24/2019
pH of a 5% solution at 25°C	6.0-9.2	6.9
Phosphate (PO ₄)	0.001% max.	0.0007%
Sodium (Na)	0.005% max.	0.003%
Sulfate (SO ₄)	0.005% max.	0.002%
Expiration date	Record Actual	01/23/2021
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

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