

# Product Specifications

PRODUCT NAME: Potassium Iodide  
Crystal, ACS

CHEMICAL FORMULA: KI

Product Code: 437000-90000  
F.W.: 166.0000  
CAS No: 7681-11-0  
Density: 1.00

ITEM	SPECIFICATIONS
Heavy Metals (as Pb)	5 ppm max.
Assay (KI)	99.0% min.
Barium (Ba)	0.002% max.
Calcium (Ca)	0.002% max.
Chloride and bromide (as Cl)	0.01% max.
Color	White
Form	Granules
Insoluble Matter	0.005% max.
Iodate (IO <sub>3</sub> )	3 ppm max.
Iron (Fe)	3 ppm max.
Loss on Drying at 150°C	0.2% max.
Magnesium (Mg)	0.001% max.
pH of a 5% solution at 25°C	6.0-9.2
Phosphate (PO <sub>4</sub> )	0.001% max.
Sodium (Na)	0.005% max.
Sulfate (SO <sub>4</sub> )	0.005% max.
Manufacture Date	Record Actual
Expiration date	Record Actual

## Remarks:

The above are the specifications, ranges and limits set for this product.



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.

Document Print Date:  
4/1/2021



CHEMICAL PROCESSORS AND PACKAGERS OF ELECTRONIC GRADE HIGH PURITY  
ACIDS / BLENDS / REAGENTS / SOLUTIONS

N4335 TEMKIN RD \* COLUMBUS, WISCONSIN \* 53925 \* PH: (920) 623-2140 \* FAX: (920) 623-2577  
4034 W. WASHINGTON ST \* PHOENIX, ARIZONA \* 85009 \* PH: (602) 272-2500 \* FAX: (602) 272-2543

ISO 9001 certified  
since 2009