

## Potassium iodide, Hi-AR™

**GRM1086**


### Product Identifier

CAS No.	:	7681-11-0
EC No.	:	231-659-4
Molecular Formula	:	KI
Molecular Weight	:	166.00
HS Code	:	2827 60 10
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	Colourless to off-white deliquescent crystals or powder or granules or solid, may becomes yellow when exposed to light and humidity
Solubility	:	1000 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	6.00 - 9.20
Chloride & Bromide (as Cl)	:	<= 0.01%
Iron (Fe)	:	<= 0.0003%
Sulfate (SO <sub>4</sub> )	:	<= 0.005%
Iodate (IO <sub>3</sub> )	:	<= 0.0003%
Phosphate (PO <sub>4</sub> )	:	<= 0.001%
Magnesium (Mg)	:	<= 0.001%
Calcium (Ca)	:	<= 0.002%
Heavy metals (as Pb)	:	<= 0.0005%
Sodium (Na)	:	<= 0.005%
Barium (Ba)	:	<= 0.002%
Insoluble matter	:	<= 0.005%
Loss on drying (at 105°C, 2 hr)	:	<= 1.0%
Assay (KIO <sub>3</sub> Titration, on dry basis)	:	99.80 - 102.00%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H372
Precautionary Statement(s)	:	P260- P264- P270- P314- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	TT2975000
WGK	:	3