

# *Chem-Impex International, Inc.*

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## *Product Specifications*

# KI

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<b>Catalogue Number</b>	24751
<b>Product</b>	<b>Potassium iodide</b>
<b>CAS Number</b>	7681-11-0
<b>Molecular Formula</b>	KI
<b>Molecular Weight</b>	166
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<b>Appearance</b>	Colorless or white powder
<b>Solubility</b>	145 g in 100 mL water at 20 °C
<b>Heavy Metals</b>	≤ 5 ppm
<b>Anion</b>	Chloride and Bromide (as Cl <sup>-</sup> ) : ≤ 0.01% Iodate (IO <sub>3</sub> <sup>-</sup> ) : ≤ 3 ppm Phosphate (PO <sub>4</sub> <sup>3-</sup> ) : ≤ 0.001% Sulfate (SO <sub>4</sub> <sup>2-</sup> ) : ≤ 0.005%
<b>Cation</b>	Barium (Ba) : ≤ 0.002% Iron (Fe) : ≤ 3 ppm Calcium (Ca) : ≤ 0.002% Magnesium (Mg) : ≤ 0.001% Sodium (Na) : ≤ 0.005%
<b>pH</b>	6.0 - 9.2
<b>Loss on Drying</b>	≤ 0.2%
<b>Insoluble material</b>	≤ 0.005%
<b>Assay by titration</b>	≥ 99%
<b>Grade</b>	ACS reagent
<b>Storage</b>	Store at RT

**For Laboratory Use Only**