

# *Chem-Impex International, Inc.*

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## *Product Specifications*



**Catalogue Number** 29538

**Product** **Potassium iodate**

Iodic acid potassium salt

**CAS Number** 7758-05-6

**Molecular Formula** KIO<sub>3</sub>

**Molecular Weight** 214

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**Appearance** White powder

**Solubility** 8.1 g in 100 mL water at 20 °C

**Melting Point** 560 °C (Approx.)

**Heavy Metals** ≤ 5 ppm (as Pb)

**Anion** Chloride and bromide (as Cl): ≤ 0.01%  
Iodide (I<sup>-</sup>): ≤ 0.001%  
Sulfate (SO<sub>4</sub><sup>2-</sup>): ≤ 0.005%

**Cation** Nitrogen compounds (as N): ≤ 0.005%  
Iron (Fe): ≤ 0.001%  
Sodium (Na): ≤ 0.005%

**pH** 5.0-8.0 (5% solution)

**Insoluble material** ≤ 0.005%

**Assay by titration** 99.4-100.4%

**Grade** ACS reagent

**Application** Oxidizing agent.

**Storage** Store at RT

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**For Laboratory Use Only**