



## Product Specifications

**Product: Potassium Iodate**

<u>Test</u>	<u>Specification</u>
Appearance	White crystalline powder
Assay $KIO_3$ , % wt.	99.0 - 101
Identification of Potassium	Positive
Identification of Iodate	Positive
Iodide as I, % wt.	0.002 Max.
Chlorate as $ClO_3$ , % wt.	0.01 Max.
Lead as Pb	2mg/kg Max.
Acidity & Alkalinity	Passes test
pH of 5% aqueous solution	5.0 - 8.0
Loss on Drying, % wt.	0.5

### General Information and Typical Properties:

Molecular formula  $KIO_3$

M.W. 214.0

CAS#:7758-05-6

Bulk Density (approx.) : 2.1gm/cc

Particle Density : 3.9 gm/cc

Solubility : About 1 gm in 15 ml  $H_2O$  @ 25° C

V. 1.0  
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