

Technical Data Sheet

Crystalline Potassium Iodide, KI_(s)

USP/FCC Grade, Fine Granular

Product Code: 9012

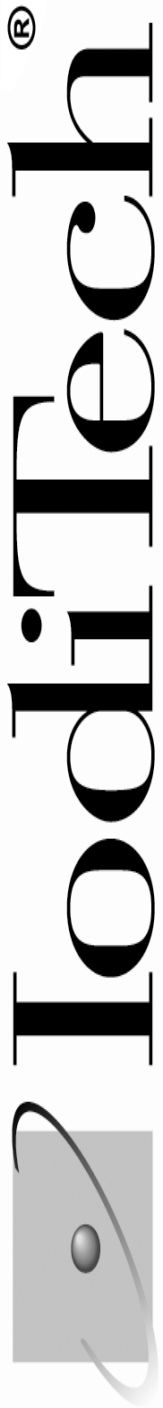
Not intended for use in the manufacturing of other products in industrial applications such as catalytic reactions. Not for use as an Active Pharmaceutical Ingredient. Contains trace amount of GRAS water soluble food grade flow agent.

Potassium iodide is a non-hazardous, binary, inorganic salt. For use when your potassium iodide material must have adequate testing for production parameters. Excellent for use as a stabilizing agent in all iodine solutions, for making tincture of iodine, wound sprays, as a source of elemental dietary iodine in all species, and as an iodine source in nutritional supplements and foods. This material is designed to work in all other applications requiring a well tested potassium iodide product.

IodiTech's KI is made using the purest raw materials, from the most reliable sources, in a state-of-the-art production facility. This free flowing potassium iodide meets, or surpasses, all guidelines for KI to receive the USP/FCC Grade label.

Technical Identification and Description:

Chemical Name:	Potassium Iodide, KI _(Solid)
CAS:	7681-11-0
Characteristics:	White to off white granular material of very fine, uniform particle size with free flowing properties. Odorless.
Particle Size:	100% passage through 30 mesh screen
Bulk Density:	70 -80 pounds per cubic foot (75 pound nominal)



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Typical Analysis:

Identity Test- Potassium	Positive
Identity Test- Iodide	Positive
Alkalinity	Conforms
Iodate content	< 4.0 ppm
Nitrates and Ammonia	Conforms
Thiosulfate & Barium	Conforms
Heavy metals (as Pb)	0.001% maximum
Assay (as is)	99% minimum
Loss on Drying	<0.001%
pH (FCC)	6-10
Lead (FCC)	4 mg/kg maximum

Minimum and maximum indicate limits of detection.

Available Quantities:

25 lbs	9003-050
50 lbs	9003-049
25 kg	9003-055
50 kg	9003-110

All packaging containers are plastic and lined with food grade polyethylene.



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Disclaimer:

IodiTech Inc. is not responsible for the end use of product or any information contained herein.

Laboratory results provided are not lot specific. Testing is performed using USP/FCC certified methods. Lead content testing is performed by a third party laboratory.