

IodiTech®

Technical Data Sheet

Potassium Iodide 45% Solution, KI_(aq)

Technical Grade KI

Product Code: 9203

An ideal replacement for potassium iodide crystals that are being dissolved into an aqueous solution.

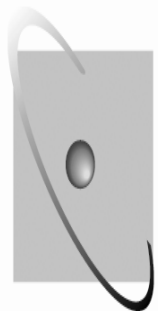
Potassium iodide is a binary, inorganic salt of potassium and iodine. In solution, KI dissociates into K⁺ and I⁻. Playing an enormous role in biological functions, it is also used in many industrial processes. This product is suitable for use in pharmaceutical and biological production, for catalytic reactions, in the manufacture of iodine solutions, as a stabilizer in sanitizers and disinfectants, and any other application requiring a liquid potassium iodide product.

IodiTech's Potassium Iodide 45% Solution* is made using only the purest raw materials, from the most reliable sources, in a state-of-the-art production facility. This KI solution meets, or surpasses, all recommendations for potassium iodide solutions used in industrial applications.

Technical Identification and Description:

Chemical Name:	Potassium Iodide, KI _(AQ)
CAS:	7681-11-0
Characteristics:	Clear (translucent) colorless to pale yellow liquid. Odorless
Specific Gravity:	1.462-1.478 (as 45% w/w soln.)

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Typical Analysis:

Assay (KI, 50% w/w)	44.7 - 45.3%
pH	7.0 - 9.0

* Additional concentrations available upon request.

Available Quantities:

500 lbs	9203-500
2500 lbs	9203-2500
3500 lbs	9203-3500

All packaging containers are polyethylene.

Bulk orders available upon request.

Custom packaging sizes available.

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 certified methods.