



# Technical Data Sheet

## Sodium Iodide, NaI<sub>(s)</sub>

ACS Grade

Product Code: 9060

Not for use as an Active Pharmaceutical Ingredient

Sodium iodide is a binary, inorganic salt. Suitable for use in all applications requiring a very high purity material. Use in catalytic reactions, the manufacture of iodine solutions, as a stabilizer, as a reagent, as an adjustment chemical, for pharmaceutical products, and any other application requiring a sodium iodide product of ACS grade.

IodiTech's ACS Grade NaI is made using the purest raw materials, from the most reliable sources, in a state-of-the-art production facility. This grade of sodium iodide meets, or surpasses, all guidelines for ACS grade NaI.

### Technical Identification and Description:

Chemical Name:	Sodium Iodide, NaI <sub>(s)</sub>
CAS:	7681-82-5
Characteristics:	White, to slightly off white, crystalline powder, cakes in package. Mostly free flowing with mixing. May contain some small caked particles. Odorless.

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## Typical Analysis:

Assay (as is)	99.5% minimum
pH, 5% solution @ 25°C	6.0-9.0
Insoluble matter <sup>1</sup>	0.01% maximum
Chloride and Bromide (as Cl)	0.01% maximum
Iodate Content (IO <sub>3</sub> )	3 ppm maximum
Phosphate (PO <sub>4</sub> )	0.001%
Sulfate (SO <sub>4</sub> )	0.005%
Barium (Ba)	0.002%
Heavy Metals (as Pb)	5 ppm maximum
Iron (Fe)	5 ppm maximum
Calcium (Ca) <sup>1</sup>	0.002% maximum
Magnesium (Mg) <sup>1</sup>	0.001% maximum
Potassium	0.01%

<sup>1</sup> Third party outside laboratory tested routinely. Not tested lot specific.

Minimum and maximum indicate limits of detection/certification. for ACS grade test.

## Available Quantities:

25 lbs	9060-050
50 lbs	9060-049
25 kgs	9060-055
50 kgs	9060-110

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 conducted using ACS certified methods. Insolubles, calcium and magnesium tested is conducted by a third party laboratory on routine basis, but not every lot is tested.