



## Product Specification

### SODIUM IODIDE AR/ACS

<b>PRODUCT CODE</b>	<b>644345</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>7681-82-5</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>NaI</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>149.89</b>
<b>PROPERTIES</b>	<b>Moisture and light sensitive.</b>

### NaI

<b>PARAMETER</b>	<b>LIMIT</b>
Description	White crystalline powder.
Solubility	10% solution in water is clear and colourless.
Identification (A & Test)	Passes test
Minimum assay( after drying )	99.5%
pH (of 5% solution at 25°C)	6.0 - 9.0

### MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 105°C)	0.5%
Water insoluble matter	0.01%
Alkalinity	Passes test.
Chloride & bromide (as Cl)	0.01%
Iodate (IO <sub>3</sub> )	0.0003%
Nitrate, nitrite and ammonia	Passes test
Total Nitrogen (N)	0.002%
Phosphate (PO <sub>4</sub> )	0.001%
Sulphate (SO <sub>4</sub> )	0.005%
Barium (Ba)	0.002%
Calcium (Ca)	0.002%
Iron (Fe)	0.0005%
Heavy metals (as Pb)	0.0005%
Magnesium (Mg)	0.001%
Potassium (K)	0.01%
Residual solvents	Meets the requirement
Thiosulphate	Passes test.

Note(s) : Assay (if applicable) method mentioned.

#### WARNING

**Hazard statements** : Harmful if swallowed. Causes mild skin irritation. Causes eye irritation.

#### Precautionary statements

**Prevention** : Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

**Response** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. Specific treatment: refer to Label or MSDS.

**Disposal**: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

IMDG Code :

UN No. :

IATA :



**Central Drug House (P) Ltd.**

AN ISO 9001:2008 CERTIFIED COMPANY

Manufacturers of : Laboratory Fine Chemicals & Dehydrated Culture Media

[www.cdhfinechemical.com](http://www.cdhfinechemical.com)

Hazard Pictogram(s) :



**Skin irritation**