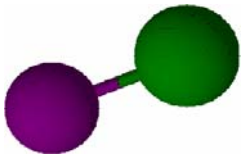
sodium iodide

cas 7681-82-5

S2535NN	Gold Line
Typical analysis	
Assay	99%
Calcium (Ca)	0.002%
Chloride (Cl)	0.5%
Iodate (IO_3)	0.0005%
Iron (Fe)	0.002%
Lead (Pb)	0.001%
Sulphate (SO_4)	0.05%

S2536NN	Platinum Line
Warranty certificate	
Assay (on dry substance)	99 - 100.5%
Arsenic (As)	0.00001%
Chloride and Bromide	0.03%
Copper (Cu)	0.0005%
Iodate (IO_3)	0.0002%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Loss on drying (105°C)	<1%
Magnesium (Mg)	0.0005%
Potassium (K)	0.05%
Sulphate (SO_4)	0.01%
Total nitrogen (N)	0.003%
Zinc (Zn)	0.0005%



Packaging
100g white plastic jar
500g white plastic jar

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Physical properties, composition and data

Chemical formula	NaI or INa
Synonym	Anayodin; Hydriodic acid sodium salt; Iodural
Chemical group	Iodides
Atomic weight	149.89
Appearance	White, deliquescent crystals or granules or colourless crystals
Solubility	Soluble in water, ethanol, glycerol and acetone
Melting point	651°C
Boiling point	1304°C
Density (g/ml)	3.667
Incompatible substances	Alkaloidal salts, chloral hydrate, acids, metallic salts, potassium chlorate
Products of decomposition	Liberates iodine on exposure to air and becomes brown
pH (aqueous solution)	7.5 - 9.5

Laboratory preparation, applications and practices

Usage	Analytical and synthesis reagent. Conversion of alkyl halides to iodides in the Finkelstein reaction

Storage and handling information

Storage	Keep container tightly closed, protected from light and separated from incompatible substances
Disposal methods	3

Transport regulations

Tariff code	2827.60.00