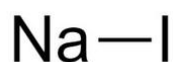


Product Information

SODIUM IODIDE 99 % EXTRAPURE



Product Code	O-5193	Grade	Extrapure
Purity	99%	CAS No	7681-82-5
Molecular Formula	NaI	Molecular Weight	149.89 g/mol
H.S.Code	2827.6020	Shelf Life	36 Months

Physical Properties

Physical state	Powder	Melting Point	659 °C
Colour	Colourless	Solubility in water	1.407,7 g/l at 20 °C -
pH	8,2 at 26 °C	Density	2,2 g/cm ³ at 22,25 °C
Boiling point	1.304 °C at 1.013 hPa	Vapour prssure	1,3 hPa at 767 °C
Auto ignition temperature	> 400 °C	Partition coefficient: n-octanol/water	Pow: 0,5; log Pow: -1,3 at 25 °C

Packaging

100 g

Specification

Appearance	A white crystalline powder
Assay (on dried basis)	99.0 - 100.5 %
Identity	passes test
Appearance of solution	passes test
Impurities with alkaline reaction	passes test
Sulphate (SO ₄)	max 0.01 %
Iodate (IO ₃)	passes test
Thiosulphate (S ₂ O ₃)	passes test
Thiosulphate and barium	passes test
Total nitrogen (N)	max 0.001 %
Heavy metals (as Pb)	max 0.001 %
Iron (Fe)	max 0.0005 %
Potassium (K)	max 0.05 %
Loss on drying (at 105 °C)	max 3 %
Water (H ₂ O)	max 2 %
Bromide & chloride (Cl)	max 0.03 %

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: Warning

UN No.: 3077

IMCO Class No.: 9

Packing Group: III

Hazardous Statement: H319

Precaution Statement: P264-PP280-P305+P351+P338-P337+P313