



Product Specification

Product Name: SODIUM IODIDE AR

Alternate Name(s)

Description

White powder or colourless to white crystals; odourless; saline bitter taste. Slowly becomes brown in air; deliquescent.

Properties

Chemical Formula:

Molecular Weight: 149.89

Product Code: SA073

CAS No. 7681-82-5

General Information:

Soluble in alcohol, acetone and glycerol. Incompatible with alkali metals, ammonia, perchloric acid, hydrogen peroxide.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH6H

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: 99.5% min.

Specific Properties and Impurities [Typical levels]:

pH of a 5% solution at 25°C	6.0 - 9.0
Insoluble matter	≤ 0.01%
Chloride and bromide (as Cl)	≤ 0.01%
Iodate (IO ₃)	≤ 0.0003%
Phosphate (PO ₄)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.005%
Heavy metals (as Pb)	≤ 0.0005%
Barium (Ba)	≤ 0.002%
Calcium (Ca)	≤ 0.002%
Iron (Fe)Iron	≤ 0.0005%
Magnesium (Mg)	≤ 0.001%
Potassium (K)	≤ 0.01%
Sulphate	≤ 0.005%

CONFORMS TO ACS

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