



# Product Specification

**Product Name: IODINE AR**

Alternate Name(s)

Description

Heavy greyish-black plates or granules having a metallic luster; characteristic odour. Readily sublimed having a violet vapour.

Properties

Chemical Formula: I<sub>2</sub>  
Molecular Weight: 253.8

Product Code: IA005  
CAS No. 7553-56-2

General Information:

Soluble in alcohol, chloroform, glycerol and alkaline iodide solutions. Incompatible with ammonia, tetra amine copper, sulfate/ethanol, fluorine, halogen fluorides, some metal acetylides, some metal powders.

Hazard and Safety Data

UN Group: III  
Class: 8  
UN Number: 3495  
Hazchem code: 2WE  
CS MSDS Code: 42C976EU  
Poison schedule: S6  
Emergency  
Procedure Guide No.: 37

Quality Specification

Assay: 99.8% min.

Specific Properties and Impurities [Typical levels]:

Non-volatile matter ≤ 0.01%  
Chlorine and bromine (as Cl) ≤ 0.005%  
Identification A & B (USP) Passes test

CONFORMS TO ACS

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