



G. AMPHRAY LABORATORIES

Iodine		Product Data Sheet	
CAS No. 7553-56-2		Atomic Weight : 126.90	
I₂			
INFORMATION OF THE PRODUCT			
Sr.No.	Information		
1	Name of the Product	:	Iodine
2	Structure	:	I
3	Composition	:	It is a chemical element
4	Chemical Name (IUPAC)	:	Iodine
5	Properties	:	Iodine used for Iodine Products and its compound are primary used in Nutrition's
6	Specification		<p>Description A Grayish violet brittle plates or small crystals, prilled with a Metallic sheen, dour irritant. It volatile slowly at room temperature.</p> <p>Solubility Very slight soluble in water, Very soluble in concentrated solution of iodides, Soluble in ethanol (96%).Slightly soluble in Glycerol.</p> <p>Identification Test Test A: - When heated gently it gives violet vapors which condense forming a bluish-black crystalline sublimate. Test B:- A saturated solution yield a blue colour in the presence of starch solution which disappears when the solution is heated & reappears when it's cool</p> <p>Bromide & Chlorides Not More Than 250 ppm.</p> <p>Sulphate No opalescent is produced.</p> <p>Non Volatile Matter. Not More Than 0.1 %.</p> <p>Heavy Metals Not More Than 10 ppm</p> <p>Chlorides Not More Than 10 ppm</p> <p>Assay Not less than 99.5%</p>
7	Uses	:	Iodine and its compounds are primarily used in nutrition, and industrially in the production iodine compound Iodide and Iodates used for food supplement, A number of iodine radioisotopes are also used in medical applications. Ref .Wikipedia
8	Packing	:	25 or 50 Kg Fiber board Drums with inner liner. 25 or 50 Kg Plastic Drums with inner liner.
9	Shelf life	:	Expiry Date: Five Years From Date of Manufacturing
10	Storage	:	Store in closed container in cool, dry place & protect from light, heat dust & other contaminants