



TECHNICAL SPECIFICATION

THYMOL IODIDE (PURIFIED GRADE)

Formula : $C_{20}H_{24}I_2O_2$

Molecular Wt. : 550.23

C.A.S. No. : 552-22-7

SPECIFICATIONS

No.	Characteristics	Specification
1.	Description	Yellow Colored Powder with slightly aromatic smell
2.	Solubility	Freely soluble in chloroform, in ether, collodion fixed and volatile oils, usually leaving a slight residue. Slightly soluble in alcohol, insoluble in water and in glycerin and in cold and in hot solution of alkali hydroxide
3.	Identification	Heat 100 mg with 2 ml of Sulphuric Acid, it decomposes with the separation of Iodine.
4.	Loss on Drying	NMT 2.0%
5.	Residue on Ignition	NMT 1.5%
6.	Soluble Halides	Not greater than that of a control reference solution containing 2.0 mg of Potassium Iodide for 100 mg of substance
7.	Alkalinity	Not alkaline to litmus
8.	Iodine	No blue colour with starch solution
9.	Assay	NLT 43.0% of I on dried basis

Packing:

25 Kg or 50 Kg HDPE/Fiber Drum

Shipping Information:

Non-Hazardous