Lugol's Iodine Solution

Chemicals

Potassium iodide 10 g

Iodine crystals (Powdered) 5 g

Distilled water 100 ml

Potassium iodide was dissolved in distilled water and then powdered iodine crystals were slowly added. The solution was diluted 5 times before use.

Zinc Sulphate Solution

37/g of zinc sulphate was dissolved in one litre of distilled water; the specific gravity of this solution should be 1.180. This was checked with a hydrometer before use.