

contamination, Double Strength Chloroform Water BP will be used as the vehicle at a concentration of 50%. Freshly boiled and cooled purified water will be used as the remainder of the vehicle. As freshly boiled and cooled purified water is used in the product, it will also be used to make the Double Strength Chloroform Water BP.

c. Preservative

Double Strength Chloroform Water BP is included in this product as the preservative.

d. Flavouring when appropriate

No extra flavouring is required. In addition to preservative action Double Strength Chloroform Water BP will give some flavouring.

The following method would be used to prepare 200 ml of Liquid Paraffin BP 15% emulsion from the formula above:

1. Calculate the composition of a convenient quantity of Double Strength Chloroform Water BP, sufficient to satisfy the formula requirements but also enabling simple, accurate measurement of the concentrated component.

Method of compounding for Double Strength Chloroform Water BP

- a. In this case, 100 ml of Double Strength Chloroform Water BP is required. To prepare 100 ml Double Strength Chloroform Water BP, measure 5 ml of Concentrated Chloroform Water BPC 1959 accurately using a 5 ml conical measure.
 - b. Add approximately 90 ml of freshly boiled and cooled purified water to a 100 ml conical measure (i.e. sufficient water to enable dissolution of the concentrated chloroform component without reaching the final volume of the product).
 - c. Add the measured Concentrated Chloroform Water BPC 1959 to the water in the conical measure.
 - d. Stir gently and then accurately make up to volume with freshly boiled and cooled purified water.
 - e. Visually check that no undissolved chloroform remains at the bottom of the measure.
2. Weigh 10 g of Acacia BP on a Class II or electronic balance.
 3. Accurately measure 100 ml Double Strength Chloroform Water BP using a 100 ml measure.

Tips

Remember the accurate preparation of the primary emulsion is crucial for the full emulsion to be satisfactorily produced.

Primary emulsion	
Liquid Paraffin BP	30 ml
Double Strength Chloroform Water BP	20 ml
Acacia BP	10 g