

- d. Flavouring when appropriate**
Concentrated Cinnamon Water BP is included in this product as the flavouring as per the product formula.

The following method would be used to prepare 100 ml of Paediatric Chalk Mixture BP 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, 50 ml of Double Strength Chloroform Water BP is required and so it would be sensible to prepare 50 ml. To prepare 50 ml Double Strength Chloroform Water BP, measure 2.5 ml of Concentrated Chloroform water BPC 1959 accurately using a 5 ml and a 1 ml syringe.
- b. Add approximately 45 ml of potable water to a 50 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 potable water.
- e. Visually check that no undissolved chloroform remains at the bottom of the measure.

Tips

Although it is a volatile ingredient, it is not bad practice to measure the Concentrated Cinnamon Water BP at this stage of the method as loss by evaporation will be avoided by measuring in a syringe.

It must also be remembered that, when using a syringe to measure ingredients, consideration must be given to the properties of the liquid being measured. This will avoid dissolution of the volume markings from the outside of the syringe, or even parts of the syringe itself, which may occur with some ingredients.

2. Weigh 200 mg Tragacanth BP accurately on a Class II or electronic balance.
3. Weigh 2 g Chalk BP accurately on a Class II or electronic balance.
4. Measure 10 ml Syrup BP in a 10 ml conical measure.
5. Measure 0.4 ml Concentrated Cinnamon Water BP using a 1 ml syringe.
6. Measure 50 ml of Double Strength Chloroform Water BP in a 50 ml conical measure.
7. Transfer the Tragacanth BP to a porcelain mortar.
8. Add the Chalk BP to the mortar using the 'doubling-up' technique to mix the two powders.