

**Potassium Chloride 1g/5ml oral solution (5L)**

Ingredient	Quantity
Potassium Chloride powder	1 kg
Concentrated Chloroform Water AQ	125 mL
Distilled water up to	5 L

*(Adapted with permission from Tygerberg Academic Hospital Department Of Pharmaceutical Services)*

**Note:** Different volumes can be prepared. Recalculate based on the above proportions.

**Method**

1. Weigh off Potassium Chloride powder.
2. Place in a mixing bowl of a small mixer.
3. Heat 2.5 litres distilled water and add to powder.
4. Mix at low speed.
5. Add 1,5 litres of cold water to mixture.
6. Measure off 125ml concentrated Chloroform water and add to mixture.
7. Place in a 5 litre container prepared for the manufacture of Potassium Chloride.
8. Make up to 5 litres with distilled water.
9. Print stickers and fill in packing card.
10. Pack in 100 ml glass amber bottles.

**Storage:** store in a glass amber bottle for up to 1 month.

**Directions for use:** Dilute every 5mL with 60mL of fluid (Juice or water)

**How to prepare concentrated Chloroform Water B.P (125ml)**

<b>Ingredient</b>	<b>Quantity</b>
Alcohol 96 %	75 mL
Chloroform Liquid	12,5 mL
Distilled water up to	125 mL

Method:

1. Measure alcohol 96 % in glass cylinder and pour into amber glass bottle prepared for the manufacture of Chloroform water.
2. Measure chloroform liquid in a glass cylinder and add to the alcohol. Perform this step expeditiously as Chloroform evaporates.
3. Make up the volume with distilled water.
4. Label bottle with Batch number and date of manufacture.