

ORS POWDER (WHO) **(Oral Rehydration Salt)**

Aim: To prepare and dispense 5g of ORS powder (WHO).

Requirements: Sodium chloride, glucose, potassium chloride, dry sodium citrate, mortar and pestle.

Principle: ORS powder is used as an electrolyte replenisher and usually given in case of severe watery diarrhoea. Quantity of all salts is according to the osmolarity required as recommended by WHO guidelines. Addition of powders intake geometrical ratio is to obtain uniform powder mixture .To protect the powder the powder from the effect of atmospheric conditions.

Procedure:

1. Weigh sodium chloride, glucose, potassium chloride, disodium citrate into the mortar.
2. Mix all the salts by adding them in geometrical ratio.
3. Store the powder mixture into a air tight container and label it.

Label:

Dose: Each 5g is dissolved in 250ml of purified water.

Use: Electrolyte replenisher.

Storage: Keep in a air tight container.

Report:

| S.no | Ingredients | Official quantity | Required quantity |
|------|------------------------------|-------------------|-------------------|
| 1. | Sodium chloride | 2.6gm | |
| 2. | Glucose | 13.5gm | |
| 3. | Potassium chloride | 1.5gm | |
| 4 | Tri sodium citrate dihydrate | 2.9gm | |

| ORS Powder (WHO) | |
|---|----------------|
| NAME: | SEX: |
| AGE: | REF NO: |
| DATE OF DESPENSING: | |
| FOR INTERNAL USE ONLY | |
| USE: Electrolyte replenisher | |
| STORAGE: Stored in a air tight container | |
| PRESCRIBED BY: | |
| DISPENSED BY: | |
| ADDRESS OF PHARMACY: VNIPS | |