



ORS POWDER FORMULATION

Principle: A pharmaceutical powder is a mixture of finely divided drug and or chemicals in dry form. These are solid dosage form of medicament, which are meant for internal and external use. They are available in crystalline or amorphous form. The particle size of powder plays an important role in physical, chemical and biological properties of the dosage forms. There is a relationship between particle size of powder and dissolution, absorption and therapeutic efficacy of drugs. Powders are classified as

1. Bulk powder for external use
2. Bulk powders for internal use
3. Simple and compound powders
4. Effervescent granules
5. Cachets.

Observation table:

INGREDIENTS	OFFICIAL QTY	REQUIRED QTY
Sodium chloride	12.5g	3.5g
Potassium chloride	5.35g	1.49g
Sodium bicarbonate	10.3g	2.88g
Dextrose (anhydrous)	71.4g	19.9g

Procedure:

1. Weigh the required amount of sodium chloride, potassium chloride, sodium bicarbonate, and dextrose.
2. Mix them in mortar and pestle and pass through the sieve
3. Dispense the powder and label it.

Category: As an electrolyte replenisher.



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Storage:

Stored in a well-closed airtight container keep it in a cool and dry place.

Uses:

1. Used in dehydration, dysentery and diarrhoea.
2. As a electrolyte replenisher.

