



EFFERVESCENT GRANULES FORMULATION

Theory

The mixture of citric acid and tartaric acid with sodium bicarbonate. Usually, a medicament is included and saccharin or sucrose may be added as a sweetening agent. When the patient dissolves the dose in water, the acids and bicarbonates react together producing carbonic acids, and preparation is taken during effervescence or immediately afterwards.

Procedure:

Time needed: 1 hour.

How to prepare effervescent granules?

1. Sieve the powder

The powder was sifted through sieve no. 60

2. Mix the powder

Mixed and transferred to a hot porcelain dish

3. Heating

The mixture was heated on a boiling water bath without stirring or pressing the powder.

4. Sieve through Sieve no 8

The resultant mixture was sieved through sieve no. 8.

5. Dry the granules

Granules were dried at 40°C.

6. Use of Sieve number 14 and 20

Dried granules were passed through sieve no 14 and retained over sieve no 20.



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7. Fill in the container

The product was packed in a wide-mouth contain

Container / Storage:

Store in a cool and dry place

FORMULA:

Rx

INGREDIENTS	REQUIRED QTY
Sodium chloride	200mg
Citric acid monohydrate	210mg
Tartaric acid	240mg
Sodium bicarbonate	500mg