

Piperazine Citrate Elixir BPC

27/9/243

• Aim - To Prepare and submit 20 ml of Piperazine Citrate Elixir

• Synonym - Elixir ~~citrate~~ Piperazine Citrate

• Requirements:

Apparatus - Beaker, stirrer, measuring cylinder, Pipette.

chemicals - Piperazine, citrate, chloroform spirit, glycerine, orange oil, simple syrup, Purified water.

Formulation -

Sr.no	Ingredients	official Formula	working formula	Roles.
1]	Piperazine citrate	180 g	3.6 g	Anthelmintic
2]	Chloroform spirit	5 ml	0.1 ml	Solubilizing agent, preservative.
3]	Glycerine	100 ml	2 ml	Solubilizing agent
4]	Orange oil	0.25 ml	0.005 ml	Flavouring agent
5]	Simple syrup	500 ml	10 ml	Sweetening agent
6]	Purified water	upto 1000ml	upto 20 ml	Vehicle.

• Procedure

1) Piperazine citrate was dissolved in a small portion of Purified water

2) Green S and tartrazine solution, glycerin, syrup and peppermint

spirit are then added to the above solution with continuous stirring.

3] sufficient purified water was then added to produce the required volume.

- Category - Anthelmintic

- Dose -

Adult - For thread worm infestations = 15 ml
daily An ascariocide: 30 ml as a single dose

child - For the thread worm infestations: 9 months

2 yrs: 2.5 ml daily

2-3 yrs: 5 ml daily

4-6 yrs: 7.5 ml daily

7-12 yrs: 10 ml daily.

- Storage - Store in a cool place away from light.

- Reference - Gindhu Abraham, Pharmaceutics a practical manual pharma mode press Hyderabad third edition. Pg. No - 19-20.

J. Babu
08/10

• Principle -

- 1] Elixirs are clear, flavoured, sweetened hydroalcoholic liquid oral preparations of potent or nauseous drugs.
- 2] They are pleasantly flavoured and attractively coloured.
- 3] Piperazine citrate is an anthelmintic.
- 4] Syrup is used as the sweetener to mask the bitter taste of piperazine citrate and also to increase the viscosity of the preparation.
- 5] Glycerin is used to increase the viscosity of the preparation.
- 6] Green S and Tartrazine solution is the colouring agent and peppermint spirit is the flavouring agent.

• Lebet -

PIPERAZINE CIRATE ELIXIR. 20ml

BPC

Elixir Piperazine citratis

Piperazine citrate . . . 3.8g

Drug content - Anthelmintic

Direction - As directed by Physician

Dose -

Adult - 15 ml

Child - 5 ml

Store in a cool

place away from light.

MRP - 65/-

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mfg by : KIP KARAD.