

**SUGGESTED FORMULA****Sildenafil Citrate 100 mg Rapid Dissolve Tablet**

Version number: 1.0

Volume or quantity: 100 Tablets

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Sildenafil Citrate, USP	10 g
Mannitol, USP	21 g
Lactose, Anhydrous, NF	16 g
Flavor	0.68 g
Polyethylene Glycol 3350, NF	21 g

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**SUGGESTED COMPOUNDING PROCEDURES**

\* The flavor should be dry powder type and not aqueous or oleaginous. It is necessary to determine the quantity of filler prior to beginning the preparation of this formula based on calibration of the mold. This formula was developed for preparation in ProMold-RDTM Rapid Dissolve Tablet 96 Count Mold (Cat # 551-83043).

1. Calculate the required quantity of each ingredient for the total amount to be prepared.
2. Accurately weigh/measure each ingredient.
3. Blend sildenafil citrate, mannitol, lactose and dry flavor together until fine and uniformly mixed.
4. Separately, reduce the particle size of the polyethylene glycol 3350 to approximately 200 mesh.
5. Lightly blend in the polyethylene glycol 3350 into step 3.
6. Place 686 mg of the powder into the cavities of the mold.
7. Place the mold containing the powder in an oven at 80-90°C for approximately 15-20 minutes. Time may vary depending upon the mold, formulation and oven.
8. Remove from the oven and place in a refrigerator for approximately 5 minutes.
9. Remove from the refrigerator and let set at room temperature.
10. Package and label.
11. Suggested Quality assessments:
  - a. color, texture, appearance
  - c. mixing and filling/potency studies
  - d. Label - auxiliary labels, storage, BUD, compounded medication

Store in air-tight container, at controlled room temperature.

No claims are made as to the safety or efficacy of this preparation. This formulation is provided solely at the unsolicited request of the pharmacist.

Beyond-Use Dates of preparations are conservative estimates from reference books, peer-reviewed literature, intended duration of therapy, formulation from commercially available products, organoleptic observations and current USP guidelines. Compounders may have stability studies performed by a reputable laboratory if they wish to extend the Beyond-Use Date. It is recommended that you follow USP <795> recommendations for potency testing.

Beyond-Use Date estimated to be 6 months

**Precautions:**

Precautions should be taken to prevent cross-contamination and exposure of ingredients to the compounder and contamination of the preparation by the compounder. Wear appropriate protective equipment. Use safety enclosures (powder-containment hoods) when weighing and mixing.

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