



SUGGESTED FORMULA

Zinc Gluconate 92.5mg Lozenges

Version number: 1.0

Volume or quantity: 12 Troches

Zinc Gluconate, USP (Z1077)	1.110gm
Glycine, USP (AM125)	1.830gm
Flavoring (optional)	q.s.
Krystal SF Quickset Candy Base (550-83332)	q.s.

Zinc Gluconate 7mg is approximately equal to Zinc Elemental 1mg.

The density of the dosage form will be different when varying amounts of active pharmaceutical ingredients are used. Prior to beginning, it is necessary that any mold used be calibrated with the formula to determine the quantity of base required.

SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required quantity of each ingredient for the total amount to be prepared
2. Accurately weigh and/or measure each ingredient
3. Melt the Krystal SF Quickset Candy Base to 160°C. Do not overheat
4. Remove from heat and allow to cool. Base is workable down to roughly 115°C (Pouring temperature should not exceed 150 °C)
5. Pass the powders through a 40 Mesh sieve onto a glassine sheet
6. Once the Krystal SF Quickset Candy Base reaches a working temperature appropriate for the active (s) used, sprinkle powders into the melted base, prevent clumping and ensuring addition is wetted before adding additional powder while maintain a good workable temperature
7. Once the powder mixture has been added incorporate the flavor and mix well
8. Pour into molds, quickly filling each cavity
9. Set times will vary. Generally hard to the touch in 60 minutes and hard set in 2-3 hours
10. Suggested Quality assessments:
 - a. color, texture, appearance
 - b. troche cavity filled / not overfilled
 - 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, and 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 should be assigned based on the current USP <795> Standards

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 (hoods) when weighing and mixing.

Although much attention has been paid to ensure the accuracy of the formulation contained here, Spectrum Pharmacy Products accepts no liability for the loss or damage arising from reliance on the information. Compounding pharmacists using this formula take full responsibility for the formulations and hold Spectrum Pharmacy Products and Spectrum Chemical Mfg Corp. and its officers, directors and employees harmless for any claim arising from use of or reliance on information contained therein.

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