



SUGGESTED FORMULA

Theophylline 75mg Slow-Release Capsule Size #1

Version number: 1.0

Volume or quantity: 100 capsules

Theophylline, Anhydrous USP (TH110)	7.5 g
Carbomer 934P, Resin, NF (CA184)	2.66 g
Povidon, K-90, USP (P1416)	17.2 g
Talc, Powder, USP (T1005)	0.35 g
Zinc Stearate, USP (ZI115)	0.18 g

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. Combine and mix the Carbomer 934P, Povidone, Talc and Zinc Stearate until homogeneous.
4. Geometrically incorporate the anhydrous Theophylline in the powder mixture until uniform.
5. Encapsulae in one hundred size 1 capsules. Weigh samples of capsules per facility SOPs.
6. Package and label.
7. Suggested Quality assessments
 - a. % variability & % deviation from theoretical <10% - (remake if >10%)
 - b. Capsule size
 - c. Capsule color
 - d. Quantity
 - e. 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 is estimated to be 6 months.

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.

6/18 RD