

**SUGGESTED FORMULA**

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Acetaminophen 300mg / Caffeine 250 mg Suppositories in Cocoa Butter

Version number: 1.0

Volume or quantity: #20 Suppositories

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Acetaminophen, USP (AC100)	6 g
Caffeine, Anhydrous, USP (CA105)	5 g
Colloidal Silicon Dioxide, USP	0.4 g
Cocoa Butter, USP	31.87 g

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**SUGGESTED COMPOUNDING PROCEDURES**

\*It is important to calibrate the suppositories molds you are using with the base and adjust formulation accordingly. This formula is based on calibration of a 2 g mold.

Weigh all ingredients

1. Calculate the required quantity of each ingredient for the total amount to be prepared
2. Accurately weigh and/or measure each ingredient
3. Using an appropriate heat source , melt the required quantity of cocoa butter to approximately 35° to 37°C
4. Triturate Silicon Dioxide active ingredients to a fine powders and mix thoroughly
5. Slowly sprinkle the powders into the melt with stirring until a mixture is obtained
6. Cool slightly, then pour into the mold in a continuous motion, If appropriate for the mold being used
7. Cool, trim if necessary, package and label
8. Suggested Quality assessments
  - a. % variability & % deviation from theoretical <10% - (remake if >10%)
  - b. Surface appearance and feel
  - c. Melting test
  - d. Quantity
  - e. Label - auxiliary labels, storage, BUD, compounded medication

**Package in air tight, Light resistant containers and Store Refrigerated**

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 estimated to be **6 Months or per apply BUD per current USP Chapter <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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