

**SUGGESTED FORMULA**

Amoxicillin Trihydrate 125mg in Fatty Acid Base Suppositories

Version number: 1.0

Volume or quantity: #12 Suppositories

Amoxicillin (Trihydrate)	1.5gm
Isopropyl Myristate, NF (IS145)	0.750gm
Colloidal Silicon Dioxide (Silica Gel), NF,EP (S1510)	0.180gm
Fatty Acid Suppository Base (e.g. Witepsol [™] W1129)	q.s

*It is necessary to calibrate the suppositories molds you are using and adjust formulation accordingly prior to beginning. Assume approximately 70% displacement by weight of the suppository and make sure to include excipient weight if using Amoxicillin capsules.

* Due to common Penicillin allergies, it is suggested to thoroughly clean all equipment and compounding areas used.

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. Using an appropriate heat source , melt the required quantity of Fatty Acid Base to about 40°C or the suggested temperature, depending upon the specific product used
4. Slowly add Colloidal Silicon Dioxide and stir until homogenous
5. Slowly add the Amoxicillin Trihydrate and Isopropyl Myristate with continued stirring until uniformly mixed
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 at 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 estimated to be **6 Months per CompoundingToday.com Formula #818**

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.

6/18JD