



SUGGESTED FORMULA

Metronidazole 12mg/mL Poloxamer Gel

Version number: 1.0

Volume or quantity: 100 mL

Metronidazole, USP (M1511)	1.2 g
Polyethylene Glycol 400, NF (PO110)	40 g
Poloxamer 407, NF (Pluronic F-127) (P1166)	1.2 g
Water, Purified USP	qs 100 mL

SUGGESTED COMPOUNDING PROCEDURES

Weigh all ingredients

1. Triturate Metronidazole to fine powder.
2. Heat a mixture of Metronidazole powder, PEG 400 and Poloxamer to 70° to 80°C.
3. Heat 35 mL of purified water to 70° to 80°C and add to the Metronidazole mixture in beaker with magnetic stirrer (Cat. No. 335-46966) until homogenous mixture forms.
4. Bring to volume with warmed purified water and maintain temperature 70° to 80°C
Spinning until the air bubbles disappear.
5. Cool slowly to 35°C while stirring.
6. Transfer to appropriate container.
7. Suggested Quality assessments:
 - a. color
 - b. texture
 - c. container
 - d. Label - auxiliary labels, storage, BUD, compounded medication

Store in air-tight container 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 should be assigned as directed by the current USP <795>

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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