



SUGGESTED FORMULA

Metronidazole 12mg/mL Poloxamer Gel

Version number: 1.0

Volume or quantity: 100 mL

Metronidazole, USP	1.2 g	Catalog No.	M1511
Polyethylene Glycol 400, NF	40 g	Catalog No.	PO110
Poloxamer 407, NF (Pluronic F-127)	1.2 g	Catalog No.	P1166
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 to qs and maintain temperature 70° to 80°C and stir 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, 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 30 days

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.

Sources

Compoundingtoday.com

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