



SUGGESTED FORMULA

Minocycline 5mg/gm Oral Dental Gel, Preserved

Version number: 1.0

Volume or quantity: 30 mL

Minocycline, USP	0.150gm
Saccharin Sodium (Anhydrous)	0.35gm
Bitter Suppressor (B3951)	q.s.
Polyethylene Oxide	0.2gm
Flavor	q.s.
Glycerin, USP (G1016)	2mL
*Hydroxypropyl Methylcellulose 3% Gel, Preserved	q.s. 30mL

*Formulation for Hydroxypropyl Methylcellulose 3% can be found at SpectrumRx.com > Services > Formulations

Bitter Suppressor masking powder, about 0.6gm for the preparation. Polyox WSR 301 is appropriate for this preparation.

SUGGESTED COMPOUNDING PROCEDURES

1. Check calculations and gather all ingredients needed for this compound
2. Measure all ingredients
3. Transfer all powders to mortar and triturate to fine powder
4. Spread approximately half of the Hydroxypropyl Methylcellulose 3% gel base needed to the bottom of a 30ml EMP jar.
5. Spread the powders on top of the gel base. **Note: Do Not Mix**
6. Pour 2mL of glycerin and the flavor on the powders
7. Add sufficient gel base to weight. **Note: Do Not Mix**
8. Set the EMP to "Suspension -2%" program and permit the EMP to run to complete mixing
9. Adjust a pink varionozzle in the top of the 30mL EMP jar.
10. Package and label
11. Suggested Quality assessments:
 - a. color
 - b. texture
 - c. container
 - d. Label - auxiliary labels, storage, BUD, compounded medication

Protect from light and moisture, 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 should be assigned as directed by the current guidelines of USP Chapter <795>

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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