

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name: Terbutaline

Concentration: 1 mg/mL

Route: Oral

Volume: 120 mL

Dosage Form: Syrup

Shelf Life: 55 days

Storage: refrigerate

Auxiliary Labeling: shake well before use; refrigerate

Ingredients	QS	Quantity	Units
Terbutaline 5-mg tablet		24	tablet
Purified Water USP		5	mL
Simple Syrup NF	Y	qs ad 120	mL

Directions:

1. Triturate tablets to a fine powder in a mortar and pestle.
2. Levigate with Purified Water USP to form a paste.
3. Add base solution in increasing amounts while mixing thoroughly.
4. Transfer contents of the mortar to a graduated cylinder.
5. Rinse the mortar and pestle with base solution and pour into graduated cylinder.
6. Add base solution to the graduated cylinder to achieve the total volume indicated above.
7. Transfer contents of the graduated cylinder into an appropriate size glass amber bottle.
8. Shake well to mix.

References:

- Horner RK, Johnson CE. Stability of an extemporaneously compounded terbutaline sulfate oral liquid. *Am J Hosp Pharm.* 1991;48:293-295.
- Jew RK, Soo-Hoo W, Erush SC. *Extemporaneous Formulations for Pediatric, Geriatric, and Special Needs Patients.* 2nd ed. Bethesda, MD: American Society of Health-System Pharmacists; 2010.

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