

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name:	Phenoxybenzamine	Dosage Form:	Solution
Concentration:	2 mg/mL	Shelf Life:	7 days
Route:	Oral	Storage:	Refrigerate
Volume:	30 mL	Auxiliary Labeling:	Shake well before use; refrigerate

Ingredients	QS	Quantity	Units
Phenoxybenzamine 10-mg capsule		6	capsule
Citric Acid powder		45	mg
Propylene Glycol		0.3	mL
Sterile Water for Irrigation	Y	30	mL

Directions:

1. Open capsules and empty contents into a mortar.
2. Triturate contents to a fine powder.
3. Weigh out Citric Acid powder and add to mortar.
4. Measure and add Propylene Glycol to the powder in the mortar.
5. Levigate with a small amount of base solution to form a paste.
6. Add base solution in increasing amounts while mixing thoroughly.
7. Transfer contents of the mortar to a graduated cylinder.
8. Rinse the mortar and pestle with base solution and pour into graduated cylinder.
9. Add base solution to the graduated cylinder to achieve the total volume indicated above.
10. Transfer contents of the graduated cylinder into an appropriate size glass amber bottle.
11. Shake well to mix.

References:

- Lim LY, Tan LL, Chan EWY, et al. Stability of phenoxybenzamine hydrochloride in various vehicles. *Am J Health-System Pharm.* 1997;54:2073-2078.
- Jew RK et al. *Extemporaneous Formulations for Pediatric, Geriatric, and Special Needs Patients.* 2nd Ed. American Society of Health-System Pharmacists. Bethesda, MD, 2010.

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