

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name: Pyrazinamide

Concentration: 100 mg/mL

Route: Oral

Volume: 120 mL

Dosage Form: Syrup

Shelf Life: 60 days

Storage: Room temperature or refrigerate

Auxiliary Labeling: shake well before use

Ingredients	QS	Quantity	Units
Pyrazinamide 500-mg tablet		24	tablet
Simple Syrup	Y	120	mL

Directions:

1. Triturate tablets to a fine powder in a mortar and pestle.
2. Levigate with a small amount of base solution 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 or amber bottle.
8. Shake well to mix.

Notes:

- Alternatives: May substitute base solution with 60 mL Methylcellulose 1% mixed with 60 mL Simple Syrup NF.

References:

- Nahata MC, Morosco RS, Peritore SP. Stability of pyrazinamide in two suspensions. *Am J Health-Syst Pharm.* 1995;52:1558-1560.
- Jew RK et al. Extemporaneous Formulations for Pediatric, Geriatric, and Special Needs Patients. 2nd Ed. American Society of Health-System Pharmacists. Bethesda, MD, 2010.

Reviewed: April 2013; BW/ME

The information provided on this site is only to be used for educational and informational purposes only. It may not be relied upon to direct or provide care to a patient, or to prepare treatments for a patient. This material is not intended as a substitute for retaining and consulting appropriate medical and health care professionals, who remain solely responsible to provide and direct patient care. Be aware that the information contained on this site may not be up to date due to more recent medical developments. The preparation, dispensing, and administration of pharmaceuticals is and remains the responsibility of licensed medical professionals or pharmacists, and may require governmental approvals. The owner and provider of this site disclaims and assumes no liability for any injury and/or damage to persons from use of any information contained on this site.

