

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name: Spironolactone

Concentration: 5 mg/mL

Route: Oral

Volume: 120 mL

Dosage Form: Syrup

Shelf Life: 28 days

Storage: Room temperature or refrigerate

Auxiliary Labeling: shake well before use

Ingredients	QS	Quantity	Units
Spironolactone 50-mg tablets		12	tablet
Purified Water USP		5	mL
Cherry Syrup	Y	qs ad 120	mL

Directions:

1. Triturate tablets to a fine powder in a mortar and pestle.
2. Levigate with 5 mL of 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 total volume of 120 mL.
7. Transfer contents of the graduated cylinder into an appropriate size glass amber bottle.
8. Shake well to mix.

References:

- Mathur LK, Wickman A. Stability of extemporaneously compounded spironolactone suspensions. *Am J Hosp Pharm.* 1989;46:2040-2042.
- 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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