

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name:	Metolazone	Dosage Form:	Suspension
Concentration:	1 mg/mL	Shelf Life:	60 days
Route:	Oral	Storage:	Refrigerate or Room Temp
Volume:	120 mL	Auxiliary Labeling:	Shake Well

Ingredients	QS	Quantity	Units
Metolazone 10 mg tablets		12	tablets
Ora-Blend (or 1:1 Ora-Plus:Ora-Sweet)	X	120	mL

Directions:

1. Crush tablets in a mortar and grind into a fine powder.
2. Wet the powder with the smallest amount of vehicle possible forming a smooth uniform paste.
3. Continue adding vehicle geometrically until almost final volume, mixing well.
4. Rinse mortar with syrup and add rinse to graduate.
5. Add QS of syrup to final volume (120 mL).

Notes:

- May substitute base solution with cherry syrup.

References:

- Allen Jr LV, Erickson III MA. Stability of ketoconazole, metolazone, metronidazole, procainamide hydrochloride, and spironolactone in extemporaneously compounded oral liquids. *Am J Health-Syst Pharm.* 1996;53:2073-2078.
- 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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