

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name:	Metronidazole	Dosage Form:	Suspension
Concentration:	50 mg/mL	Shelf Life:	60 days
Route:	Oral	Storage:	Refrigerate or Room Temp
Volume:	120 mL	Auxiliary Labeling:	Shake Well; Protect From Light

Ingredients	QS	Quantity	Units
Metronidazole USP Powder		6	g
Ora-Blend (or 1:1 Ora-Plus:Ora-Sweet)	X	120	mL

Directions:

1. Weigh powder and place in a mortar.
2. Add 12 mL of the Ora-Blend and mix to a uniform paste.
3. Continue to add Ora-Blend geometrically to almost final volume, mixing thoroughly.
4. Add enough Ora-Blend to bring to final volume (120 mL) and dispense in amber bottle.

Notes:

- May substitute Ora-Blend Sugar Free with same stability.
- Metronidazole tablets may be utilized but palatability may be a concern; requires 24 tablets when utilizing a 250 mg tablet strength.
- Metronidazole benzoate powder may be substituted for metronidazole USP powder; requirement of 9.6 grams of metronidazole benzoate powder (1.6 gram of metronidazole benzoate = 1 gram of metronidazole USP).

References:

- Allen LV, Erickson MA. *Am J Health-Syst Pharm.* 1996;53:2073-8.
- Allen LV. *Int J Pharm Compound.* 2001;5 (1):46.

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