

# Michigan Collaborative Standardization of Compounded Oral Liquids

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<b>Drug name:</b>	<b>Metoprolol</b>	<b>Dosage Form:</b>	Suspension
<b>Concentration:</b>	10 mg/mL	<b>Shelf Life:</b>	60 days
<b>Route:</b>	Oral	<b>Storage:</b>	Refrigerate or Room Temp
<b>Volume:</b>	120 mL	<b>Auxiliary Labeling:</b>	Shake Well

Ingredients	QS	Quantity	Units
Metoprolol tartrate 100 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:

- Jew RK et al. Extemporaneous Formulations for Pediatric, Geriatric, and Special Needs Patients. 2<sup>nd</sup> Ed. American Society of Health-System Pharmacists. Bethesda, MD, 2010.

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