

# Michigan Collaborative Standardization of Compounded Oral Liquids

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<b>Drug name:</b>	<b>Levothyroxine</b>	<b>Dosage Form:</b>	Suspension
<b>Concentration:</b>	25 mcg/mL	<b>Shelf Life:</b>	14 days refrigerated; 7 days at room temperature
<b>Route:</b>	Oral	<b>Storage:</b>	Refrigerate
<b>Volume:</b>	80 mL	<b>Auxiliary Labeling:</b>	Shake Well

Ingredients	QS	Quantity	Units
Levothyroxine 200 mcg tablets		10	tablets
Ora-Plus:Ora-Sweet (1:1 mixture)	X	80	mL

## Directions:

1. Crush tablets in a mortar and grind into a fine powder.
2. Mix Ora-Plus & Ora-Sweet thoroughly in geometric proportions to prepare the vehicle.
3. Add small amount of the vehicle with the tablets to create a smooth suspension
4. Add vehicle in geometric proportions with constant mixing
5. Transfer to graduate.
6. Rinse mortar and pestle with vehicle.
7. Add vehicle to QS to final volume of 80 mL.

## Notes:

- Dispense in amber vial.

## References:

- Nahata MC, Pai VB. Pediatric Drug Formulations. 6<sup>th</sup> ed. Harvey Whitney Books. Cincinnati, OH, 2011.

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