

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name:	Levothyroxine	Dosage Form:	Suspension
Concentration:	25 mcg/mL	Shelf Life:	14 days refrigerated; 7 days at room temperature
Route:	Oral	Storage:	Refrigerate
Volume:	80 mL	Auxiliary Labeling:	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. 6th ed. Harvey Whitney Books. Cincinnati, OH, 2011.

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