

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name:	Diltiazem	Dosage Form:	Suspension
Concentration:	12 mg/mL	Shelf Life:	60 days
Route:	Oral	Storage:	Room Temp
Volume:	120 mL	Auxiliary Labeling:	Shake Well; Protect from Light

Ingredients	QS	Quantity	Units
Diltiazem HCl 90 mg		16	Tablets
Ora-Sweet	Y	60	mL
Ora-Plus	Y	60	mL

Directions:

1. Place diltiazem tablets in a mortar and comminute to fine powder
2. Mix 60 mL of Ora-Sweet with 60 mL of Ora-Plus to use as vehicle – shake well before use
3. Add approximately 10 mL of vehicle to powder and mix to a uniform paste
4. Add vehicle in geometric portions almost to volume, mixing thoroughly after each addition
5. Transfer contents of mortar to graduated cylinder
6. Rinse mortar and pestle with vehicle solution and transfer to graduated cylinder
7. QS with vehicle to bring final volume to 120 mL
8. Transfer to plastic amber bottle
9. Shake well

Notes:

- May substitute Ora-Sweet/Ora-Plus with Cherry Syrup

References:

- Allen Jr LV, Erickson III MA. *Am J Health-Syst Pharm.* 1996;53: 2719-84.
- Jew RK, Soo-Hoo W, Erush SC. *Extemporaneous Formulations for Pediatric, Geriatric, and Special Needs Patients.* 2nd ed. Bethesda, MD: American Society of Health-System Pharmacists; 2010.

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