Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name:	Tiagabine	Dosage Form:	Suspension
Concentration:	1 mg/mL	Shelf Life:	91 days
Route:	Oral	Storage:	refrigerate
Volume:	120 mL	Auxiliary Labeling:	shake well before use; refrigerate

Ingredients	QS	Quantity	Units
Tiagabine 12-mg tablet		10	tablet
Ora-Sweet/Ora-Plus*	Y	qs ad 120	mL

Directions:

- 1. Triturate tablets to a fine powder in a mortar and pestle.
- 2. Levigate with a small amount of base solution to form a paste.
- 3. Add base solution in increasing amounts while mixing thoroughly.
- 4. Transfer contents of the mortar to a graduated cylinder.
- 5. Rinse the mortar and pestle with base solution and pour into graduated cylinder.
- 6. Add base solution to the graduated cylinder to achieve the total volume indicated above.
- 7. Transfer contents of the graduated cylinder into an appropriate size plastic amber bottle.
- 8. Shake well to mix.

Notes:

- *Mix 60 mL of Ora-Plus with 60 mL of Ora-Sweet. Use mixture as base solution. Expiration date of 70 days when stored at room temperature.
- Alternatives: May substitute base solution with 17 mL Methylcellulose 1% mixed with 103 mL Simple Syrup NF with an expiration date of 91 days refrigerated and 42 days when stored at room temperature.

References:

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.

Reviewed: April 2013; BW/ME

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