Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name:	Lamotrigine	Dosage Form:	Suspension	
Concentration :	1 mg/mL	Shelf Life:	90 days	
Route:	Oral	Storage:	Refrigerate or Room Temp	
Volume:	100 mL	Auxiliary Labeling:	Shake Well	

Ingredients	QS	Quantity	Units
Lamotrigine 25 mg tablets		4	tablets
Glycerin USP			drops
Ora-Blend (or 1:1 Ora-Plus:Ora-Sweet	Х	100	mL

Directions:

- 1. Crush tablets in a mortar and grind into a fine powder.
- 2. Wet the powder with the smallest amount of glycerin possible forming a smooth uniform paste.
- 3. Add vehicle geometrically until almost final volume, mixing well.
- 4. Rinse mortar with syrup and add rinse to graduate.
- 5. Add QS of vehicle to final volume (100 mL).

References:

- 1. Nahata MC, Morosco RS, Hipple TF. Stability of lamotrigine in two extemporaneously prepared oral suspensions at 4 and 25°C. *Am J Health-Syst Pharm.* 1999;56:240-242.
- Jew RK et al. Extemporaneous Formulations for Pediatric, Geriatric, and Special Needs Patients. 2nd Ed. American Society of Health-System Pharmacists. Bethesda, MD, 2010.

Reviewed: April 13, 2013; JR/SC

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