

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name: Thiamine

Concentration: 25 mg/mL

Route: Oral

Volume: 100 mL

Dosage Form: Suspension

Shelf Life: 91 days

Storage: Room Temperature

Auxiliary Labeling: Shake Well

Ingredients	QS	Quantity	Units
Thiamine 100 mg		25	Tabs
Ora-Plus		50	mL
Ora-Sweet	Y	100	mL

Directions:

1. Crush thiamine tablets in a mortar and pestle to a fine powder
2. Add a small amount of Ora-Plus and levigate to form a smooth paste
3. Add Ora-Plus via geometric dilution to volume, mixing thoroughly after each addition
4. Transfer to a graduated cylinder
5. Rinse the mortar and pestle with strawberry syrup and transfer to graduated cylinder
6. QS to 100 mL using Ora-Sweet
7. Transfer to glass amber bottle
8. Shake well

Notes:

- May substitute thiamine hydrochloride powder instead of thiamine tablets

References:

- Intern J Pharm Compounding. 2007;11 (3): 250.

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