

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name:	Folic Acid	Dosage Form:	Solution
Concentration:	1 mg/mL	Shelf Life:	30 days
Route:	Oral	Storage:	Room Temp
Volume:	100 mL	Auxiliary Labeling:	Shake well

Ingredients	QS	Quantity	Units
Folic Acid 1 mg tablets		100	tabs
Methylparaben 200 mg		200	mg
Propylparaben 20 mg		20	mg
Sodium hydroxide 10%			
Purified water	Y	100	mL

Directions:

1. Heat 90 mL of purified water almost to boiling
2. Dissolve methylparaben 200 mg and propylparaben 20 mg in the heated water; cool to room temperature
3. Crush one-hundred 1 mg folic acid tablets or equivalent of 100 mg folic acid powder
4. Dissolve folic acid in solution
5. Adjust pH to 8-8.5 with sodium hydroxide 10 %
6. Add sufficient quantity of purified water to make 100 mL, mix well.

References:

Intern J Pharm Compounding. 2007;11(3): 244.

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