

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name: Dantrolene

Concentration: 5 mg/mL

Route: Oral

Volume: 100 mL

Dosage Form: Suspension

Shelf Life: 30 days

Storage: Refrigerate (preferred) or Room Temp

Auxiliary Labeling: Refrigerate; Shake Well

Ingredients	QS	Quantity	Units
Dantrolene 50 mg		10	Capsules
Citric Acid		150	mg
Distilled water		10	mL
Simple syrup, NF	Y	100	mL

Directions:

1. Place dantrolene capsule contents in a mortar
2. Dissolve citric acid in distilled water
3. Add citric acid and water solution to capsule contents and levigate into a smooth paste
4. Add simple syrup in geometric proportions, mix well, transfer to graduated cylinder
5. Rinse mortar with additional simple syrup and transfer to graduated cylinder
6. QS to 100 mL with simple syrup
7. Transfer to plastic amber bottle
8. Shake well

References:

- Nahata MC, Pai VB. *Pediatric Drug Formulations*. 6th ed. Cincinnati, OH: Harvey Whitney Book; 2011.
- Fawcett JP, et al. *J Clin Pharm and Ther*. 1994; 19:349-53.

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