

# Michigan Collaborative Standardization of Compounded Oral Liquids

---

<b>Drug name:</b>	<b>Dantrolene</b>	<b>Dosage Form:</b>	Suspension
<b>Concentration:</b>	5 mg/mL	<b>Shelf Life:</b>	30 days
<b>Route:</b>	Oral	<b>Storage:</b>	Refrigerate (preferred) or Room Temp
<b>Volume:</b>	100 mL	<b>Auxiliary Labeling:</b>	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*. 6<sup>th</sup> ed. Cincinnati, OH: Harvey Whitney Book; 2011.
- Fawcett JP, et al. *J Clin Pharm and Ther*. 1994; 19:349-53.

Reviewed: April 2013; ME/JR

The information provided on this site is only to be used for educational and informational purposes only. It may not be relied upon to direct or provide care to a patient, or to prepare treatments for a patient. This material is not intended as a substitute for retaining and consulting appropriate medical and health care professionals, who remain solely responsible to provide and direct patient care. Be aware that the information contained on this site may not be up to date due to more recent medical developments. The preparation, dispensing, and administration of pharmaceuticals is and remains the responsibility of licensed medical professionals or pharmacists, and may require governmental approvals. The owner and provider of this site disclaims and assumes no liability for any injury and/or damage to persons from use of any information contained on this site.

---