

# Riboflavin

## 10mg/mL Oral Suspension

Last updated: April 2007

Batch No: \_\_\_\_\_

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Ingredients	Mfr	Lot #	Expiry Date	Quantity	Measured	Checked
Riboflavin Powder USP C <sub>17</sub> H <sub>20</sub> N <sub>4</sub> O <sub>6</sub> =376.4				1g		
Suspending Vehicle	SickKids			qs 100mL		

### Equipment

- small mortar and pestle
- electronic balance
- spatula
- 125mL graduated measure
- glass stirring rod
- 100mL amber bottle x1
- shrink seal x1
- gloves x1
- maskx1


### ✓ Procedure

1. Ensure that the chemical bottle has both a “date/COA”, and “Equipment to use when handling” label on it
2. If you empty a chemical bottle, check the chemical shelves to see if it is the last bottle of that particular lot #. If it is, then pull the corresponding COA from the COA binder and **DATE IT** and then put it in the **DISCONTINUED COA BINDER**.
3. Wearing gloves and a mask weigh out the riboflavin powder directly into the mortar using the electronic balance.
4. Levigate the powder with small quantities of suspending vehicle until a smooth paste is formed. Add more suspending vehicle to the paste until a liquid is formed. Transfer the contents into the graduate.
5. Use additional suspending vehicle to rinse the remaining drug from the mortar and add to the graduate.
6. Make up the final volume of 100mL in the graduate with vehicle. Stir well.
7. Transfer the suspension to the amber bottle.
8. Label and affix shrink seal

Storage: Room Temperature

Expiry: 30 days

### Sample Label:

	<b>RIBOFLAVIN 10MG/ML ORAL SUSPENSION</b>
L#:	EXP:
STORE AT ROOM TEMPERATURE	SHAKE WELL (100ML)

Date and Signature (Technician and Pharmacist Final Check): \_\_\_\_\_  
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