



THE HOSPITAL FOR SICK CHILDREN

Department of Pharmacy

doxycycline 5 mg/mL Oral Suspension

Batch No: _____

Ingredients	Mfr	Lot #	Expiry Date	Quantity	Measured	Checked
doxycycline hyclate 100 mg tablets	APO/TEVA			5		
ORA-Blend	Perrigo			q.s.100 mL		

Additional Information:

Equipment:

mortar and pestle glass stirring rod
graduated measure

Procedure:

Follow your Dept. procedures for risk assessment/training/PPE/equipment/facilities/NAPRA level


1. Soak tablets in small amount of vehicle in the mortar for a minimum of 30 minutes.
2. Use pestle to levigate into a smooth paste. Continue to levigate as vehicle is added in small amounts until a liquid is formed.
3. Transfer liquid contents from mortar to graduate.
4. Use a small amount of vehicle to rinse mortar and add it to graduate.
5. Use vehicle to q.s. to the final volume. Stir well.
6. Transfer to amber bottle and label.
7. Product is very viscous once first made. Leave for 2-3 hours with intermittent shaking to allow it to disintegrate in the vehicle before measuring a dose.

Quality Control:

Expected Product Appearance	Additional Notes
Light peach suspension	

Storage: Room temperature
Packaging: Amber glass/plastic PET bottles
BUD: 14 days

Sample Label:

	doxycycline 5 mg/mL Oral Suspension	
	Lot:	BUD:
	Room Temperature	Shake Well

Date Made/Prepared By/Checked By: _____

Reference:

1. Nahata MC. Stability of Levothyroxine, Doxycycline, Hydrocortisone, and Pravastatin in Liquid Dosage Forms Stored at Two Temperatures. IJPC 2015;(19)5:428-431

Formulation Reviewed: October, 2020

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