SickKids®

Pharmacy

# metronidazole 50 mg/mL Oral Suspension

**Batch No:** _____

| Ingredients | Mfr | Lot # | Expiry Date | Quantity | Measured | Checked |
|---|---|---|---|---|---|---|
| metronidazole 250 mg tablets | APO/AA Pharma | | | 40 | | |
| Oral-Mix | Medisca | | | q.s.200 mL | | |

**Additional Information:**

**Equipment:**

mortar and pestle
graduated measure
glass stirring rod

**Procedure:**

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

1. Soak tablets in a small amount of vehicle in the mortar for at least 15 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.

**Quality Control:**

| Expected Product Appearance | Additional Notes |
|---|---|
| White suspension | |

| | |
|---|---|
| Storage: | Room Temperature |
| Packaging: | Amber glass bottle |
| BUD: | 90 days |

**Sample Label:**

| | | |
|---|---|---|
| SickKids® Pharmacy | metronidazole 50 mg/mL Oral Suspension | |
| | Lot: | BUD: |
| | ROOM TEMPERATURE | Shake Well |

**Date Made/Prepared By/Checked By:** _____

**Reference:**


1. Jarouche M, Ibrahim M, Pearson J, Low M, Rowe J. Stability of Metronidazole Free-base Oral Suspensions Formulated with United States Pharmacopeia-grade Metronidazole Powder and Commercial Metronidazole Tablets. Int J Pharm Compd. 2020 Jan-Feb;24(1):77-82. PMID: 32023219


.**Formulation Reviewed:** February 2026


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