

azaTHIOprine ORAL SUSPENSION
50 MG/ML

Ingredient	Quantity
azaTHIOprine 50 mg	100 tablets
Ora Blend®	qs 100 mL

Equipment:

- gloves and gown
- N-95 mask
- plastic lined absorbent pad
- mortar and pestle
- calibrated graduate
- alcohol
- paper towel
- large plastic bag
- spatula
- stirring rod
- amber plastic bottle
- garbage bags

Storage:

- Refrigerate or Room Temperature
- Protect from light

Stability:

- 60 days

Procedure (prepare in biological safety cabinet [BSC]):

1. Calibrate storage bottle with water and mark final volume (leave room in the bottle for shaking).
2. Protect the surface of the BSC with an absorbent drape cloth (or equivalent).
3. Place mortar and pestle in clear plastic bag. Place tablets in mortar and use pestle to pulverize them to a fine powder, *working in plastic bag* to prevent flying dust from tablets.
4. Add approximately 10 mL of Ora Blend® to mortar and mix to a uniform paste (do initial mixing with mortar still in plastic bag). Remove mortar and gradually add OraBlend® in ~ 10 mL increments, stirring with pestle after each addition then transfer to final container.
5. Qs ad to final volume, then shake well.
6. Wipe outer surface of stock bottle with 70% isopropyl alcohol and remove from the BSC. Label.
7. Wipe out mortar and pestle with paper towel to remove excess suspension.
8. Fold all disposable waste in the absorbent drape cloth and place in cytotoxic waste (sharps) container.
9. Clean the biological safety cabinet as per weekly procedure.
10. Dispose of personal protective equipment in the cytotoxic waste container.
11. Clean reusable supplies with soap and water. Rinse well with water and wipe dry.
12. Wash hands thoroughly with soap and water.

Sample Label:

Azathioprine 50 mg/mL

Oral Suspension

Storage:

Date Prepared:

Shake Well

Expiry Date:

Quantity: 100 mL

References:

International Journal of Pharmaceutical Compounding, Volume 1, No.2, March-April 1997, pp. 102

CAUTION: The information has been developed specifically for the IWK Health Centre. It is provided for informational purposes for qualified health care professionals. This material is not intended as a substitute for consulting qualified health care professionals. Patient situations will vary and some information may have become outdated as a result of more recent evidence or practice changes. The IWK Health Centre will not assume responsibility for the continued currency of the information, any errors or omissions, and/or any consequences arising from the use of the information outside of the IWK.