

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name:	Flucytosine (alternate conc)	Dosage Form:	Suspension
Concentration:	50 mg/mL	Shelf Life:	90 days
Route:	Oral	Storage:	Room Temp
Volume:	120 mL	Auxiliary Labeling:	Shake Well

Ingredients	QS	Quantity	Units
Flucytosine 250 mg		24	Capsules
Ora-Plus	Y	60	mL
Ora-Sweet NF	Y	60	mL

Directions:

1. Open flucytosine capsules and empty contents into a mortar
2. Triturate into a fine powder
3. Mix 60 mL Ora-Plus with 60 mL Ora-Sweet NF to form a base solution – shake well before use
4. Add a small amount of base solution to powder and levigate to form a paste
5. Add base solution via geometric dilution, almost to volume, mixing thoroughly with each addition
6. Transfer contents to a graduated cylinder
7. Rinse mortar and pestle with base solution and pour into graduated cylinder
8. QS with base solution to 120 mL
9. Transfer contents to a plastic amber bottle
10. Shake well

Notes:

- May substitute base solution with 60 mL of strawberry syrup mixed with 60 mL of Ora-Plus (strawberry syrup is prepared by mixing 160 mL of Simple Syrup NF and 30 mL of strawberry fountain syrup).

References:

- VandenBussche HL, et al. *Am J Health-Syst Pharm.* 2002;59:1853-5.
- Jew RK, Soo-Hoo W, Erush SC. *Extemporaneous Formulations for Pediatric, Geriatric, and Special Needs Patients.* 2nd ed. Bethesda, MD: American Society of Health-System Pharmacists; 2010.

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