

Third Edition

Extemporaneous Formulations

for

**Pediatric, Geriatric,
and Special Needs
Patients**

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Chloroquine Phosphate Suspension 15 mg/mL

Ingredients:

Chloroquine Phosphate 500-mg tablet	3 tablets
Ora-Sweet/Ora-Plus*	QSAD: 100 mL

Preparation Details:

1. Remove film coating off tablets with a wet paper towel.
2. Triturate tablets to a fine powder in a mortar and pestle.
3. Levigate with a small amount of base solution to form a paste.
4. Add base solution in increasing amounts while mixing thoroughly.
5. Transfer contents of the mortar to a graduated cylinder.
6. Rinse the mortar and pestle with base solution and pour into graduated cylinder.
7. Add base solution to the graduated cylinder to achieve the total volume indicated above.
8. Transfer contents of the graduated cylinder into an appropriate size amber bottle.
9. Shake well to mix.

Storage Conditions: Room Temp or Refrigerate

Special Instructions: *Mix 50 mL of Ora-Sweet with 50 mL of Ora-Plus. Use mixture as base solution or use Ora-Blend. Chloroquine Phosphate 15 mg/mL = Chloroquine Base 9 mg/mL. Chloroquine Phosphate 500 mg = Chloroquine Base 300 mg. Shake well before use.

Alternatives: May substitute base solution with Cherry Syrup or 50 mL of Ora-Sweet SF mixed with 50 mL of Ora-Plus or Ora-Blend SF.

Study Container Type: Plastic

Expiration Date: 60 days

Reference

1. Allen LV Jr, Erickson MA III. Stability of alprazolam, chloroquine phosphate, cisapride, enalapril maleate, and hydralazine hydrochloride in extemporaneously compounded oral liquids. *Am J Health-Syst Pharm.* 1998; 55:1915-20.

Chloroquine Phosphate Syrup 16.7 mg/mL*

Ingredients:

Chloroquine Phosphate 500-mg tablet	4 tablets
Sterile Water for Irrigation	Small amount
Cherry Syrup	QSAD: 120 mL

Preparation Details:

1. Remove film coating off tablets with a wet paper towel.
2. Triturate tablets to a fine powder in a mortar and pestle.
3. Levigate with Sterile Water for Irrigation to form a paste.
4. Add base solution in increasing amounts while mixing thoroughly.
5. Transfer contents of the mortar to a graduated cylinder.
6. Rinse the mortar and pestle with base solution and pour into graduated cylinder.
7. Add base solution to the graduated cylinder to achieve the total volume indicated above.
8. Transfer contents of the graduated cylinder into an appropriate size amber bottle.
9. Shake well to mix.

Storage Conditions: Room Temp or Refrigerate

Special Instructions: Chloroquine Phosphate 16.7 mg/mL = Chloroquine Base 10 mg/mL. Chloroquine Phosphate 500 mg = Chloroquine Base 300 mg. Shake well before use.

Study Container Type: Glass

Expiration Date: 28 days

Reference

1. Mirochnick M, Barnett E, Clarke DF. Stability of chloroquine in an extemporaneously prepared suspension stored at three temperatures. *Pediatr Infect Dis J.* 1994; 13:827-8.