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

EQUIPMENT AND SUPPLIES:

Powder containment hood, mortar and pestle, graduated cylinder

PREPARATION DETAILS:

1. Remove film coating from tablets with a wet paper towel.
2. Triturate tablets to a fine powder with a mortar and pestle.
3. Levigate powder with sterile water for irrigation to form a paste.
4. Add vehicle in increasing amounts while mixing thoroughly.
5. Transfer contents of the mortar to a graduated cylinder.
6. Rinse the mortar and pestle with vehicle and pour into graduated cylinder.
7. Add vehicle to the graduated cylinder to achieve the total volume indicated above.
8. Transfer contents of the graduated cylinder into an appropriately sized amber bottle.
9. Shake well to mix.

Quality-Control Procedures — Visually inspect for physical appearance of formulation and container closure integrity (no leakage, cracks in container, or improper seals).

Labeling Requirements — Extemporaneously compounded preparation. For oral use only. Store at room temperature or refrigerate. Shake well before use.

Storage Conditions/Stability — **Store at room temperature or refrigerate. Stable for 28 days.**

STABILITY STUDY DETAILS:

Study Container Type — Amber glass bottle

Referenced Manufacturers — Chloroquine phosphate tablets (Aralen, Sanofi Winthrop); cherry syrup (Humco); sterile water for irrigation (not specified).

Stability-Indicating Study — No

Footnote — Chloroquine phosphate 16.7 mg/mL = chloroquine base 10 mg/mL. Chloroquine phosphate 500 mg = chloroquine base 300 mg.

REFERENCE

1. Mirochnick M, Barnett E, Clark DF, et al. Stability of chloroquine in an extemporaneously prepared suspension stored at three temperatures. *Pediatr Infect Dis J*. 1994;13(9):827-828.

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