

## Chloroquine Phosphate Suspension 15 mg/mL— Formulation 1

### INGREDIENTS:

Chloroquine phosphate 500 mg tablet	3 tablets
Ora-Plus/Ora-Sweet*	QSAD: 100 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 a small amount of vehicle 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.

**Special Instructions** — \*Mix 50 mL of Ora-Plus with 50 mL of Ora-Sweet. Use mixture as vehicle or use Ora-Blend.

**Alternatives** — May substitute vehicle with cherry syrup (cherry syrup concentrate diluted 1:4 with simple syrup) or 50 mL of Ora-Plus mixed with 50 mL of Ora-Sweet SF or use Ora-Blend SF.

**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 60 days.

### STABILITY STUDY DETAILS:

**Study Container Type** — Amber clear polyethylene terephthalate (PET) prescription ovals with low-density polyethylene foam cap linings

**Referenced Manufacturers** — Chloroquine phosphate tablets (Aralen, Sanofi Winthrop); Ora-Plus, Ora-Sweet, Ora-Sweet SF (Paddock Laboratories, LLC); cherry syrup concentrate (Robinson Laboratories, Inc); simple syrup (not specified).

## Chloroquine Phosphate Suspension 15 mg/mL— Formulation 1 (continued)

**Stability-Indicating Study** — Yes

**Footnote** — Chloroquine phosphate 15 mg/mL = chloroquine base 9 mg/mL. Chloroquine phosphate 500 mg = chloroquine base 300 mg.

### REFERENCE

1. Allen LV Jr, Erickson MA 3rd. Stability of alprazolam, chloroquine phosphate, cisapride, enalapril maleate, and hydralazine hydrochloride in extemporaneously compounded oral liquids. *Am J Health Syst Pharm.* 1998;55(18):1915-1920.