

## Quinapril Syrup 1 mg/mL

### INGREDIENTS:

Quinapril 20 mg tablet	10 tablets
Bicitra	30 mL
K-Phos Neutral tablet	1 tablet
Sterile water for irrigation	100 mL
Ora-Sweet SF	QSAD: 200 mL

### EQUIPMENT AND SUPPLIES:

Powder containment hood, mortar and pestle, graduated cylinder

### PREPARATION DETAILS:

1. Crush one K-Phos Neutral tablet in a mortar and pestle and dissolve the crushed tablet in 100 mL sterile water for irrigation.
2. Place quinapril tablets in an appropriately sized amber bottle and add 30 mL of K-Phos Neutral solution.
3. Shake for at least 2 minutes, remove the cap, and allow the solution to stand for 15 minutes.
4. Shake for an additional 1 minute.
5. Add 30 mL of Bicitra and shake for 2 minutes.
6. Add 140 mL of vehicle and shake well to disperse contents.

**Alternatives** — May substitute vehicle with Ora-Sweet or simple syrup NF.

**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 in refrigerator. Shake well before use.

**Storage Conditions/Stability** — Refrigerate. Stable for 28 days.

### STABILITY STUDY DETAILS:

**Study Container Type** — Polyethylene terephthalate (PET) bottle with a screw cap

**Referenced Manufacturers** — Quinapril tablets (Accupril, Pfizer); K-Phos Neutral tablet (Beach Pharmaceuticals); Bicitra (Draxis Pharma); Ora-Sweet, Ora-Sweet SF (Paddock Laboratories, LLC); simple syrup (Humco); sterile water for irrigation (not specified).

**Stability-Indicating Study** — Yes

### REFERENCE

1. Freed AL, Silbering SB, Kolodsick KJ, et al. The development and stability assessment of extemporaneous pediatric formulations of Accupril. *Int J Pharm.* 2005;304(1-2):135-144.