

## Captopril Suspension 0.8 mg/mL

### INGREDIENTS:

Captopril powder	96 mg
SyrSpend SF	QSAD: 120 mL

### EQUIPMENT AND SUPPLIES:

Powder containment hood, pharmaceutical analytical scale, mortar and pestle, graduated cylinder

### PREPARATION DETAILS:

1. Weigh out powder and add to a mortar.
2. Triturate contents to a fine powder.
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.

**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 14 days.

### STABILITY STUDY DETAILS:

**Study Container Type** — Low-actinic prescription bottle

**Referenced Manufacturer** — Captopril powder, SyrSpend SF (Fagron).

**Stability-Indicating Study** — Yes

### REFERENCE

1. Geiger CM, Sorenson B, Whaley PA. Stability of captopril in SyrSpend SF. *Int J Pharm Compd.* 2013;17(4):336-338.