

## Famotidine Suspension 8 mg/mL

### INGREDIENTS:

Famotidine 40 mg tablet	24 tablets
Sterile water for irrigation	small amount
Ora-Plus/Ora-Sweet*	QSAD: 120 mL

### EQUIPMENT AND SUPPLIES:

Powder containment hood, porcelain mortar and pestle, graduated cylinder

### PREPARATION DETAILS:

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

**Special Instructions** — \*Mix 60 mL of Ora-Plus with 60 mL of Ora-Sweet. Use mixture as vehicle or use Ora-Blend.

**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. Shake well before use.

**Storage Conditions/Stability** — Store at room temperature. Stable for 95 days.

### STABILITY STUDY DETAILS:

**Study Container Type** — Amber polyethylene terephthalate (PET) bottle with child-resistant cap

**Referenced Manufacturers** — Famotidine tablets (Pepcid, Merck & Co); sterile water for irrigation (Abbott Laboratories); Ora-Sweet, Ora-Plus (Paddock Laboratories, LLC).

**Stability-Indicating Study** — Yes

**Commercially available** — Use extemporaneously prepared formulation only when commercial product is unavailable.

### REFERENCE

1. Dentinger PJ, Swenson CF, Anaizi NH. Stability of famotidine in an extemporaneously compounded oral liquid. *Am J Health Syst Pharm.* 2000;57:1340-1342.