

## Celecoxib Suspension 10 mg/mL—Formulation 1

### INGREDIENTS:

Celecoxib 100 mg capsule	12 capsules
Ora-Blend	QSAD: 120 mL

### EQUIPMENT AND SUPPLIES:

Powder containment hood, mortar and pestle, graduated cylinder

### PREPARATION DETAILS:

1. Open capsules and empty contents into 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.

**Alternatives** — May substitute vehicle with 60 mL Ora-Plus mixed with 60 mL of Ora-Sweet.

**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 93 days.

### STABILITY STUDY DETAILS:

**Study Container Type** — Amber polyvinyl chloride (PVC) bottle

**Referenced Manufacturers** — Celecoxib capsules (Celebrex, Pfizer Canada, Inc); Ora-Blend (Paddock Laboratories, LLC).

**Stability-Indicating Study** — Yes

### REFERENCE

1. Donnelly RF, Pascuet E, Ma C, et al. Stability of celecoxib oral suspension. *Can J Hosp Pharm.* 2009;62(6):464-468.