

Minoxidil Suspension 1 mg/mL

INGREDIENTS:

Minoxidil 10 mg tablet	12 tablets
Ora-Plus	60 mL
Ora-Sweet SF	QSAD: 120 mL

EQUIPMENT AND SUPPLIES:

Powder containment hood, mortar and pestle, graduated cylinder

PREPARATION DETAILS:

1. Triturate tablets to a fine powder with a mortar and pestle.
2. Levigate with a small amount of Ora-Plus to form paste.
3. Add Ora-Plus 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.

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 168 days when refrigerated and 21 days when stored at room temperature.

STABILITY STUDY DETAILS:

Study Container Type — Amber glass bottle

Referenced Manufacturers — Minoxidil tablets (Loniten, Pfizer Australia Pty Ltd); Ora-Plus, Ora-Sweet SF (Perrigo Co).

Stability-Indicating Study — Yes

REFERENCE

1. Song Y, Chin ZW, Ellis D, et al. Stability of an extemporaneously compounded minoxidil oral suspension. *Am J Health Syst Pharm.* 2018;75:309-315.