

Hydroxychloroquine Sulfate Suspension 25 mg/mL

INGREDIENTS:

Hydroxychloroquine sulfate 200 mg tablet	15 tablets
Oral Mix	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 powder with a small amount of vehicle 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.

Alternatives — May substitute vehicle with Oral Mix SF.

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 112 days.

STABILITY STUDY DETAILS:

Study Container Type — Amber polyethylene terephthalate (PET) oval bottle and amber 3-mL syringe

Referenced Manufacturers — Hydroxychloroquine sulfate tablets (Mylan); Oral Mix, Oral Mix SF (Medisca).

Stability-Indicating Study — Yes

REFERENCE

1. McHenry AR, Wempe MF, Rice PJ. Stability of extemporaneously prepared hydroxychloroquine sulfate 25-mg/mL suspensions in plastic bottles and syringes. *Int J Pharm Compd.* 2017;21(3):251-254.