

Clonidine Hydrochloride Syrup 0.02 mg/mL*

INGREDIENTS:

Clonidine hydrochloride 0.1 mg tablet	24 tablets
Simple syrup NF	QSAD: 120 mL

EQUIPMENT AND SUPPLIES:

Powder containment hood, glass 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.

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 35 days.

STABILITY STUDY DETAILS:

Study Container Type — Amber plastic bottle

Referenced Manufacturers — Clonidine hydrochloride tablets (Actavis); simple syrup (Humco).

Stability-Indicating Study — No

REFERENCE

1. Sauberan JB, Phuong P, Ilog ND, et al. Stability and osmolality of extemporaneously prepared clonidine oral liquid for neonates. *Ann Pharmacother*. 2016;50(3):243-244.