



NATIONWIDE CHILDREN'S
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Pharmacy

Drug Name	Route	Dosage Form	Concentration
Captopril	Oral	Solution	1mg/mL

Formula Qty: 100mL	Shelf Life: 56 days
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Equipment needed:

Mortar and pestle, graduated cylinder, stirring rod, amber GLASS bottle

Auxiliary labeling/Storage: Refrigerate

Room Temperature Stability = 14 days

Directions:

1. Crush captopril tablets in mortar and triturate to a fine powder.
2. Add a small amount of water and mix well.
3. Pour into graduate.
4. Rinse mortar with additional water, adding the rinse to the graduate.
5. Add ascorbic acid tablet to the mixture and allow to dissolve.
6. QS to 100 ml with distilled water. Stir well.
7. Transfer to an amber GLASS prescription bottle.

Ingredients	QS	Quantity	Units
Ascorbic Acid 500mg Tablet		1	Tablet
Captopril 50mg Tablets		2	Tablet
Distilled water	X	100	mL

Citations/References

1. Nahata MC, Morosco RS, Hipple TF. Stability of captopril in liquid containing ascorbic acid or sodium ascorbate. *Am J Hosp Pharm.* 1994; 51: 1707-1708.
2. Nahata MC, Morosco RS, Hipple TF. Stability of captopril in three liquid dosage forms. *Am J Hosp Pharm.* 1994; 51(Jan): 95-96.
3. Allen LV, Erickson MA III. Stability of baclofen, captopril, diltiazem HCL, dipyridamole, and flecainide acetate in extemporaneously compounded oral liquids. *Am J Health-Syst. Pharm.* 1996; 53(Sep 15): 2179-2184.

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