



SUGGESTED FORMULA

Ranitidine 15mg/mL Suspension

Version number: 1.0

Volume: 100 mL

Ranitidine HCl, USP	1.5 gm
Liquid Flavor of Choice (Optional)	5 mL
Vehicle for Oral Suspension	100mL Q.S.

SUGGESTED COMPOUNDING PROCEDURES

1. Add liquid flavor to calibrated container
2. Weigh Ranitidine HCl and place in glass mortar and pestle
3. Dry triturate to break down any clumps in the chemical
4. Add enough of liquid into mortar and pestle to form a “paste”
5. Triturate until all Ranitidine HCl is broken down and incorporated into liquid
6. Add more liquid until pourable mixture and pour into calibrated final container
7. Perform liquid “washes” in mortar and pestle to integrate remaining chemical
8. Pour each “wash” into final container taking precaution not to exceed the final volume
9. Q.S. medication and shake well.
10. Suggested Quality Assessments – follow pharmacy SOPs:
 - a. Weight to Volume calculation
 - b. Color
 - c. Pourability
 - d. Settling
 - e. Resuspendability

Store in air tight amber plastic containers .

Store refrigerated.

No claims are made as to the safety or efficacy of this preparation. This formulation is provided solely at the unsolicited request of the pharmacist.

Beyond-Use Dates of preparations are conservative estimates by the formulator using reference books, peer-reviewed literature, intended duration of therapy, formulation from commercially available

products, organoleptic observations and current USP guidelines. Compounders may have stability studies performed by a reputable laboratory if they wish to extend the Beyond-Use Date. It is recommended that you follow USP <795> recommendations for potency testing.

Beyond-Use Date is estimated to be Six Weeks *Per Trissel's Stability of Compounded Formulations 5th Edition – Study 4 – Lifshin and Fox . Stability of extemporaneously prepared ranitidine hydrochloride suspension. Paper presented at the ASHP Annual Meeting. 1992; 120E.*

Precautions should be taken to prevent cross-contamination and exposure of ingredients to the compounder and contamination of the preparation by the compounder. Wear appropriate protective equipment . Use safety enclosures (hoods) when weighing and mixing.

12/15 RD