

**SUGGESTED FORMULA****Glycopyrrolate 0.5 mg/mL**

Version number: 1.0

Volume: 100mL

Glycopyrrolate, USP (G1425)	50 mg
Glycerin, USP (G1016)	5 ml
Vehicle for Oral Suspension, NF	50mL
Vehicle for Oral Solution, NF	100mL Q.S.

***Formulation for Vehicle for Oral Suspension and Solution can be found at [Spectrumrx.com](https://www.spectrumrx.com) > Services> Formulations**

SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required quantity of each ingredient for the total amount to be prepared.
2. Accurately weigh and/or measure each ingredient
3. If used, pulverize the Glycopyrrolate tablets to obtain a fine powder.
4. Dry triturate to break down any clumps in the chemical.
5. Add the glycerin to the Glycopyrrolate and mix to form a smooth paste.
6. Add Vehicle for Oral Suspension in portions to obtain a pourable mixture and pour into calibrated final container.
7. Perform liquid “washes” with Vehicle for Oral Suspension in mortar and pestle to integrate remaining chemical.
8. Pour each “wash” into final container.
9. Q.S. with Vehicle for Oral Solution and shake well.
10. Suggested Quality Assessments – follow pharmacy SOP’s
 - 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, and 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 90 Days Per Allen Lloyd V Jr. Glycopyrrolate 0.5mg/mL Oral Suspension - International Journal of Pharmaceutical Compounding 15(4); 2011:337

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.

Although much attention has been paid to ensure the accuracy of the formulation contained here, Spectrum Pharmacy Products accepts no liability for the loss or damage arising from reliance on the information. Compounding pharmacists using this formula take full responsibility for the formulations and hold Spectrum Pharmacy Products and Spectrum Chemical Mfg Corp. and its officers, directors and employees harmless for any claim arising from use of or reliance on information contained therein.

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