SpecializedRx
3787 95th Ave NE, Ste 100
Circle Pines, MN. 55014 USA
888.512.1209
www.specializedrx.com

SUGGESTED PROCEDURE

Item	Prednisolone 4mg/ml Suspension	Formula Date	05 Sept 2024
API(s)	Prednisolone, USP	Procedure No.	P2650
Base	SuspendRx™ Anhydrous (Sweetened)	Revision	R2
Volume/Quantity	30ml	Compound Type	Anhydrous Suspension

Rx	Weight (g)	Percent	Comment
Prednisolone, USP	0.12g	0.4%	
SpecializedRx Flavor, Liquid Oil Soluble	0.15ml	0.5%	To taste
SuspendRx™ Anhydrous Sweetened	29.73ml	99.1%	qs
Total	30ml	100%	

To account for processing error considerations during preparation, it is suggested to measure an additional **10%** of the required quantities of ingredients.

Suggested Method of Preparation

1. Calculate the required quantity of each ingredient for the total amount to be prepared.
2. Accurately weigh and/or measure each ingredient. Account for batch size and density conversions, if required.
3. Using a mortar and pestle, triturate Prednisolone to a fine powder
4. Use a minimal amount of SuspendRx™ to wet powder and levigate to form a viscous, but smooth and uniform paste.
5. Continue adding SuspendRx™, geometrically, mixing well after each addition.
6. Transfer to a graduated cylinder.
7. Rinse mortar with SuspendRx™, adding rinse to graduated cylinder.
8. QS to final volume with SuspendRx™ and mix well.
9. Transfer the final preparation into an appropriate dispensing container.
10. Suggested Quality assessments
    a. Appearance
    b. Pourability
    c. Settling
    d. Quantity
    e. Resuspendability
    f. Label: auxiliary labels, storage, BUD, compounded medication.

Packaging: Tight, light-resistant container.
Estimated Beyond Use Date: 90 days per USP 795*
Labeling: Keep out of reach of children. Use only as directed. Protect from moisture and light. Shake well.
Stability: Anhydrous formulation.
Note: Potency Range Recommendation: ≥90% and ≤110% of the theoretically calculated active(s).
Note: All products, except for API(s) are sourced from SpecializedRx only. Any deviation from ingredients used will invalidate the formula.

***Beyond-Use Date should be based on the current USP General Chapter <795>.** Precautions should be taken to prevent cross-contamination and exposure of ingredients to the compounder and contamination of the preparation by the compounder. 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.

WARNING! Precautions should be taken when handling APIs as they can be absorbed through the skin, mucus membranes and lungs if inhaled. Always wear protective lab apparel, gloves, eye protection, respirator / work under a safety cabinet.

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