SpecializedRx
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SUGGESTED PROCEDURE

Item	Prednisolone 20mg/ml Suspension	Formula Date	14 May 2020
API(s)	Prednisolone Anhydrous, USP Micronized	Revision	R1
Base	SuspendRx Anhydrous, Sweetened	Compound Type	Anhydrous Suspension

Beyond Use Date Estimate (at time of revision): 180 days

Rx	Unit of Measure	Comment
Prednisolone Anhydrous USP	1g	
SD Powdered Flavor Concentrate	0.5g	To Taste
Flavor, Liquid Oil Soluble	2.5ml	To Taste
SuspendRx Anhydrous Sweetened	50ml Q.S.	

*If using a powder flavor, add powder to Step#2 and dry triturate with Prednisolone.
If using a liquid flavor add directly to the bottle.

Method of Preparation

1. Weigh Prednisolone and place in glass mortar and pestle
2. Dry triturate to break down any clumps in the chemical
3. Add enough Anhydrous base into mortar and pestle to form a “paste”
4. Triturate until all Prednisolone is broken down and incorporated into liquid
5. Add more base until pourable mixture and pour into calibrated final container

6 Perform liquid “washes” in mortar and pestle to integrate remaining chemical

7. Pour each “wash” into final container taking precaution not to go over the final volume
8. Q.S. medication and shake well.
9. Suggested Quality Assessments – follow pharmacy SOPs:
    a. Weight to Volume calculation
    b. Color
    c. Pourability
    d. Settling
    e. Resuspendability

Store in air-tight, light-resistant plastic containers
Store at Room Temperature

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.