

## COMPOUND EVALUATION FORM

<b>Compound Name: Pyridoxine Hydrochloride</b>	<b>Container-closure system(s): Amber Glass bottle</b>
<b>Strength: 1mg/mL</b>	<b>Preservatives: Contained in simple syrup</b>
<b>Dosage Form: Oral Suspension</b>	<b>Beyond Use Date (compound type): 30 day (preserved aqueous)</b>
<b>Product Description: Opaque suspension</b>	<b>Storage: Refrigerate</b>
<b>Auxiliary Labels: Refrigerate</b>	
<b>Quality control procedures (ex: pH test, etc.): N/A</b>	
<b>Ingredients:</b> Pyridoxine 100mg/mL injection Simple Syrup	

**Instructions for preparation:****Calculations:**

1. Using a syringe and a needle, withdraw pyridoxine solution from vial.
2. Transfer to a graduate.
3. Qs to final volume with vehicle. Stir well.

**Equipment/ Supplies:**

<input type="checkbox"/> Mortar and Pestle	<input checked="" type="checkbox"/> Stirring rod	<input type="checkbox"/> Ointment slab
<input checked="" type="checkbox"/> Graduated cylinder(s)	<input type="checkbox"/> Spatula	<input type="checkbox"/> Balance
<input type="checkbox"/> Weigh paper	<input checked="" type="checkbox"/> Amber glass bottle	<input type="checkbox"/> Ointment jar
<input type="checkbox"/> Counting tray	<input checked="" type="checkbox"/> Syringe	<input type="checkbox"/> Funnel
		<input checked="" type="checkbox"/> Needle

**References:**

1. Ensom, M. H., & Décarie, D. (2014). Stability of extemporaneously compounded pyridoxine in glass and plastic bottles and plastic syringes. *The Canadian journal of hospital pharmacy*, 67(5), 394–396.
2. Ferreira AO, Polonini HC, Silva SL, Patrício FB, Brandão MAF, Raposo NRB. Feasibility of amlodipine besylate, chloroquine phosphate, dapsone, phenytoin, pyridoxine hydrochloride, sulfadiazine, sulfasalazine, tetracycline

Revised: K Nelson/A Swick 12/2020



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hydrochloride, trimethoprim and zonisamide in SyrSpend(®) SF PH4 oral suspensions. J Pharm Biomed Anal. 2016 Jan 25;118:105-112. doi: 10.1016/j.jpba.2015.10.032. Epub 2015 Oct 27. PMID: 26540625.

**3. USP 795. USP Pharmaceutical compounding—nonsterile preparations.**

Revised: K Nelson/A Swick 12/2020



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Revised: K Nelson/A Swick 12/2020



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