

## SUGGESTED PROCEDURE

Item	Omeprazole 2mg/ml Suspension (100ml)	Formula Date	15 Feb 2022
API(s)	Omeprazole, USP	Procedure No.	P2570
Base	SuspendRx SF Alka, Unflavored	Revision	R2
		Compound Type	Alkaline Suspension

**Beyond Use Date Estimate (at time of revision): TBD (in test)**

Rx	Unit of Measure	Comment
Omeprazole, USP	200mg	
SuspendRx SF Alka Unflavored	5.2g	
Purified Water	100ml Q.S.	

### Method of Preparation

1. Weigh Omeprazole and add to pre-weighed SuspendRx SF Alka Unflavored (5.2g in a 120ml amber graduated bottle).
2. Recap bottle and shake vigorously.
3. Add 80ml of purified water to the omeprazole/Suspend SF Alka powder mixture and secure cap. The use of a graduated cylinder for measuring the appropriate purified water aliquots is recommended.
4. Shake vigorously by hand for no less than 60 seconds until uniform.
5. Add additional purified water to achieve the final volume in an appropriate container (100ml) and then shake to form a uniform suspension.
6. 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 Refrigerated 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.

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