

**SUGGESTED FORMULA**

Valproic Acid 250mg Suppository (Mucoadhesive)

Version number: 1.0

Volume or quantity: #1 Suppositories

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|--------------------------------------|----------|
| Valproic Acid, USP (V2011) | 0.250 gm |
| Karaya Gum, FCC (KA115) | 0.4 gm |
| Polyethylene Glycol 300, NF (PO108) | 0.6 gm |
| Polyethylene Glycol 3350, NF (PO125) | 0.6 gm |

SUGGESTED COMPOUNDING PROCEDURES

*This formulas is based on molds that are approximately 2gm, it is important to calibrate molds with base and validate yield and accuracy of this formula before dispensing.

Weigh all ingredients

1. Calculate the required quantity of each ingredient for the total amount to be prepared.
2. Accurately weigh and/or measure each ingredient.
3. Melt the polyethylene glycols over a water bath or on hot plate stirrer to 50° to 55°C until melted.
4. Triturate the valproic acid to fine powder and slowly add to step 3 and mix well.
5. Slowly sprinkle the karaya into the melt with stirring until a mixture is obtained.
6. Cool slightly, then pour into the mold in a continuous motion, if appropriate for the mold being used.
7. Cool, trim if necessary, package and label.
8. Suggested Quality assessments
 - a. % variability & % deviation from theoretical <10% - (remake if >10%)
 - b. Surface appearance and feel
 - c. Melting test
 - d. Quantity
 - e. Label - auxiliary labels, storage, BUD, compounded medication

Package in air tight, Light resistant containers

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 from 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 6 months per CompoundingToday.com Formula 2252.

Precautions:

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.

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