

PESSARIES: PREPARATIONS

How to prepare the metal mold and how to prepare the pessary from glycerin gel of gelatin?

The composition of glycerin gel of gelatin (in Latin *Glycerogelatum gelatinae*):

Gelatin	6.25 g
Glycerin 85%	31.25 g
Paraben Water	12.5 g

1. weigh the gelatin into metal bowl and add paraben water,
2. let swell the mixture for 10 minutes at laboratory temperature,
3. lubricate the metal mold with liquid of opposite polarity (liquid paraffin),
4. add the glycerin 85% into gelatin, stir gently and heat on a boiling water bath until gelatin dissolves, agitating slowly to avoid incorporating of air bubbles,
5. add purified water (if necessary) to make the required amount of 50 g of mixture and stir,
6. homogenize and pour the mixture into mold cavities (with glass rod),
7. cool down at laboratory temperature,
8. remove “caps” of the pessaries with paper card/knife,
9. open the mold and remove the solid pessaries,
10. note: mass of the glycerin gel of gelatin is for ca 12 pessaries (3g/unit).

*How to prepare the pessaries with sodium tetraborate and glycerin gel of gelatin (in Latin *Natrii tetraboratis globulus*)?*

<i>Rp.</i>	
Natrii tetrabor.	0.3
Glycerogelat. gel.	q. s.
D. t. dos. No. X (decem)	
M. f. glob. vag.	

1. add prescribed number of pessaries + one more (11 in total) prepared from glycerin gel of gelatin (from the previous exercise) into first beaker,
2. heat the pessaries (water bath) to obtain melted glycerin gel mixture,

3. sign the height of liquid surface (a line on the beaker is signed),
4. put a part of the mixture into second beaker,
5. add appropriate amount of API (3.3 g of sodium tetraborate decahydrate) into first beaker,
6. add back a part of glycerin gel of gelatin (from the second beaker) to the line,
7. lubricate the metal mold with liquid of opposite polarity (liquid paraffin),
8. homogenize and pour the mixture into mold cavities using glass rod,
9. cool down at laboratory temperature,
10. remove “caps” of the pessaries with paper card/knife,
11. open the mold and remove the solid pessaries,
12. pack pessaries individually into aluminum/cellophane foil and then into labeled (“**Not for internal use!**”) plastic jar.