

Mineral oil emulsion (wet gum method)

Don't forget to bring

Gloves



Cleaning tools



Calculator



Ingredients:

- Mineral oil : laxative
- Acacia : emulsifying agent (gum)
- Vanillin : flavoring agent
- Alcohol : preservative
- Syrup : sweetening agent
- Water : aqueous phase , vehicle

1. Put acacia in mortar



2. Pour specified volume of water on them



3. Titurate until it's mucilage (sticky) منحرك ليصير لزج

5. منحرك حتى يصير clicking sound and white emulsion (primary emulsion)

4. Put oil portion wisely with vigorous unidirectional mixing يعني منضيف الزيت شوي شوي ومنحرك بقوة باتجاه واحد



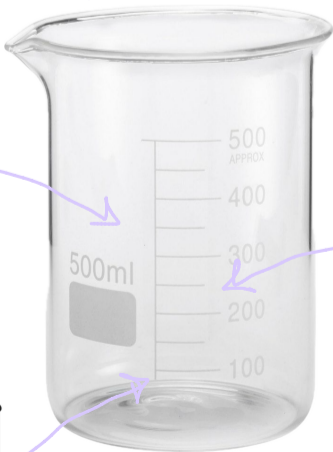
7. Gradually add to primary emulsion with mixing

6. Prepare mixture of (vallen alcohol , syrup , water) In beaker

Vallen alcohol

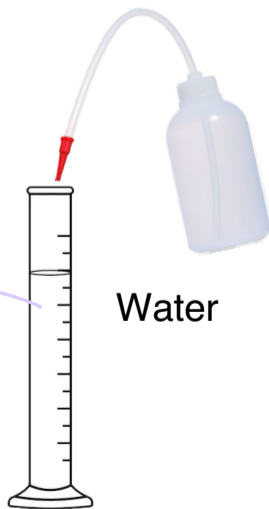


Syrup

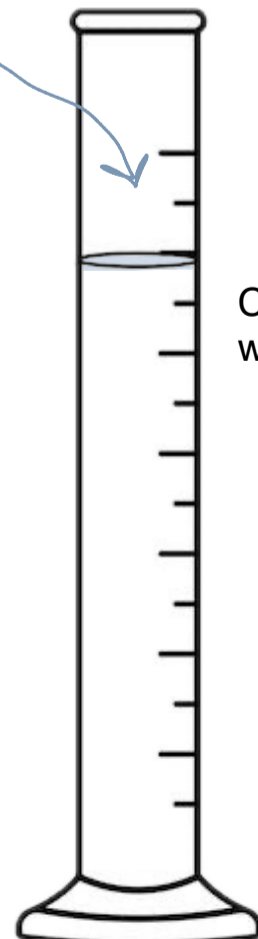


Mix

Water



8. Last step Transfer to cylinder



Complete volume
with water

Mix with
glass rod

