



The Kerala State Homeopathic Cooperative Pharmacy (HOMCO)

SPECIFICATION

HDPE BOTTLE-ARNICA HAIR OIL PLUS

Specification: Hair Oil Bottle (HDPE – 120 mL)

Packaging of pharmaceutical / cosmetic hair oil

1. Material of Construction

- Bottle shall be made of Virgin High-Density Polyethylene (HDPE)
- Material shall be:
 - Pharma / cosmetic grade
 - Non-toxic, non-reactive, and odorless
 - Suitable for oil-based formulations

2. Dimensions & Capacity

- Measurements:- 13.5 X 4.5 X3.0
- Height up to sholder :-11.5 cm
- Height up to neck 13.5 cm
- Overflow Capacity: 120 mL
- Neck Size: 18 mm
- Bottle Weight: 15 g \pm 2%

3. Design & Appearance

- Shape: As per approved sample
- Color (Bottle): **guilty bright black**
- Smooth finish with uniform wall thickness
- Free from:
 - Black spots
 - Dents
 - Sink marks
 - Scratches

4. Closure System (Flip Cap)

- Type: Flip-top cap
- Material: HDPE (pharma grade)
- Compatibility: Suitable for 18 mm neck



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Cap Features:

- Flip cap with dispensing hole
- Leak-proof and secure fit
- Easy open/close functionality
- Color: Black with bright golden foiling
- 5. Quality Requirements

Each batch shall comply with:

- Visual inspection (appearance & finish)
- Leak test (with cap)
- Drop test
- Dimensional verification
- Weight verification

6. Compatibility Requirements

- No interaction between bottle and hair oil
- No odor transfer or leaching
- Suitable for long-term storage of oil-based products

7. Packaging

- Packed in clean polyethylene bags
- Packaging shall ensure protection from dust and deformation

8. Approval Requirement

- Sample approval is mandatory prior to bulk supply
- Bulk supply must match approved sample

