

Cosmeceuticals of Herbal and Natural Origin

Hair Growth Formulations

Definition

- Hair growth formulations are herbal cosmeceutical products designed to promote healthy hair growth and reduce hair loss.
- These formulations help nourish hair follicles and improve scalp health.
- They are available as oils, serums, tonics, gels, lotions, and hair masks.

Objectives

- To stimulate healthy hair growth.
- To reduce hair fall and hair thinning.
- To strengthen hair roots.
- To improve scalp health.
- To increase hair density and thickness.



Causes of Hair Loss

- Hair loss may occur due to genetic factors.
- Hormonal imbalance may affect hair growth.
- Nutritional deficiencies may weaken hair follicles.
- Stress and illness may increase hair shedding.
- Excessive use of chemicals may damage hair and scalp.

Common Herbal Ingredients Used



A. Amla

- Amla is rich in vitamin C and antioxidants.

- It helps strengthen hair roots and improve hair growth.
- It helps reduce premature greying of hair.

B. Bhringraj

- Bhringraj is known as an important herb for hair care.
- It helps stimulate hair growth and reduce hair fall.
- It supports healthy scalp conditions.

C. Brahmi

- Brahmi nourishes hair follicles and strengthens hair roots.
- It helps improve hair texture and quality.

D. Hibiscus

- Hibiscus promotes healthy hair growth.
- It helps improve hair thickness and shine.

E. Fenugreek

- Fenugreek contains proteins and nutrients beneficial for hair.
- It helps reduce hair breakage and hair loss.

F. Aloe Vera

- Aloe vera helps soothe and moisturize the scalp.
- It supports healthy hair growth by maintaining scalp health.

Types of Hair Growth Formulations



A. Hair Oils

- Hair oils nourish the scalp and hair roots.
- They help improve hair strength and growth.

B. Hair Tonics

- Hair tonics are liquid preparations applied to the scalp.

- They stimulate hair follicles and improve scalp condition.

C. Hair Serums

- Hair serums provide nourishment and protection to hair.
- They improve hair appearance and manageability.

D. Hair Gels and Creams

- Hair gels and creams help deliver active ingredients to the scalp.
- They support hair conditioning and growth.

Evaluation Parameters

- Hair growth promotion.
- Reduction in hair fall.
- Improvement in hair thickness.
- Scalp compatibility.
- Product stability.

Shampoos

Definition

- Shampoo is a cosmetic preparation used for cleansing the hair and scalp.
- Herbal shampoos contain herbal ingredients that help maintain healthy hair and scalp.
- They remove dirt, excess oil, sweat, and impurities from hair.

Objectives

- To cleanse hair and scalp.
- To remove dirt and excess sebum.
- To improve hair appearance.
- To maintain scalp hygiene.
- To support healthy hair growth.

Characteristics of an Ideal Herbal Shampoo

- It should clean hair effectively.
- It should produce adequate foam.
- It should be easy to rinse.



- It should not irritate the scalp.
- It should leave hair soft and manageable.

Common Herbal Ingredients Used

A. Shikakai

- Shikakai acts as a natural cleansing agent.
- It helps maintain hair softness and shine.

B. Reetha

- Reetha produces natural foam and cleanses the hair effectively.
- It helps remove dirt and oil.

C. Amla

- Amla strengthens hair roots and improves hair health.

D. Neem

- Neem possesses antimicrobial properties.
- It helps control dandruff and scalp infections.

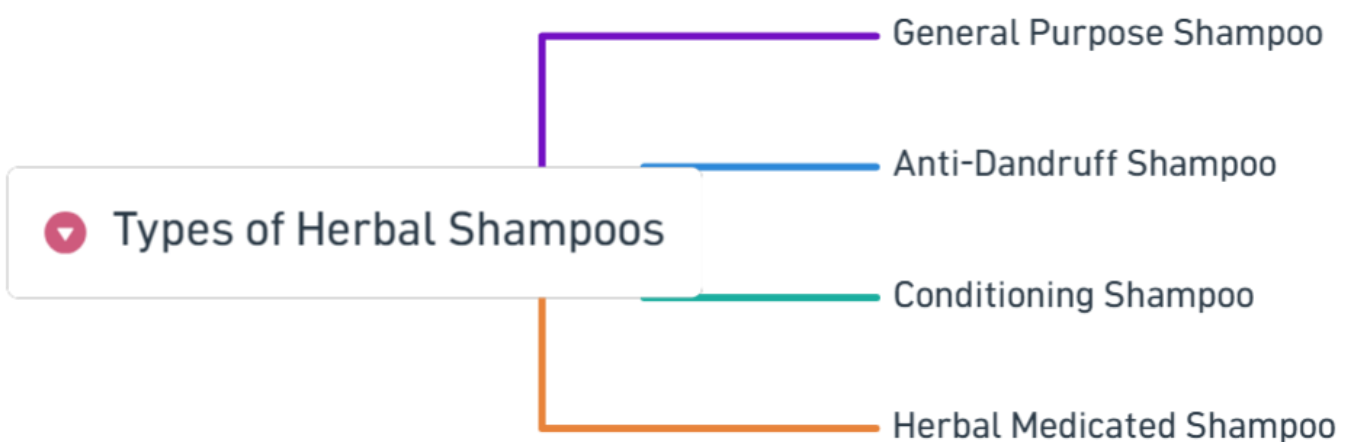
E. Aloe Vera

- Aloe vera moisturizes and soothes the scalp.
- It helps maintain scalp health.

F. Hibiscus

- Hibiscus improves hair texture and promotes hair growth.

Types of Herbal Shampoos



1. General Purpose Shampoo

- This shampoo is used for routine cleansing of hair.

2. Anti-Dandruff Shampoo

- This shampoo helps control dandruff and scalp irritation.

3. Conditioning Shampoo

- This shampoo provides cleansing and conditioning benefits.

4. Herbal Medicated Shampoo

- This shampoo contains herbs that help manage scalp disorders.

Evaluation Parameters

A. Appearance

- The shampoo should have an attractive appearance.

B. pH

- The pH should be suitable for hair and scalp.

C. Foaming Ability

- The shampoo should produce adequate foam.

D. Cleansing Action

- The shampoo should effectively remove dirt and oil.

E. Stability

- The formulation should remain stable during storage.

F. Skin and Scalp Compatibility

- The shampoo should not cause irritation.

Conditioners

Definition

- Hair conditioners are cosmetic preparations applied after shampooing to improve hair texture and manageability.
- Herbal conditioners contain natural ingredients that nourish and protect hair.
- They help restore moisture lost during cleansing.

Objectives

- To soften and smooth hair.
- To reduce hair tangling.



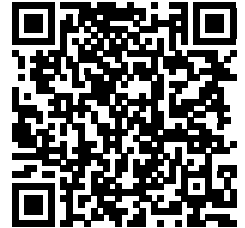


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