



**INTERNATIONAL JOURNAL OF
PHARMACEUTICAL SCIENCES**
[ISSN: 0975-4725; CODEN(USA): IJPS00]
Journal Homepage: <https://www.ijpsjournal.com>



Research Article

Formulation And Evaluation of Herbal Scrubh

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ARTICLE INFO

Published: 02 June 2025

Keywords:

Tamarind peel powder,
cinnamon powder, coffee
powder, chrysanthemum
greasepaint B1

DOI:

10.5281/zenodo.15575197

ABSTRACT

A factory- grounded mite has been erected using numerous natural ingredients. The contrary mite has come more and more popular in ultramodern skin care habits because of their capability to pay and effectively in perfecting appearance for men and women. The use of natural constituents minimizes the threat of side goods and promotes healthier skin, which is why numerous ornamental products combine factory- grounded elements. In this form, Peele Meele dough acts as a natural exfoliator, while turmeric has an advantage against advantages and anti- aging. The card seed greasepaint has contributed to the antioxidant protection against free radical damage and handed essential nutrients, including vitamin C rose water. Supplementary ornamental constituents similar as neutralization, surfactants, gelatinizing agents and preservatives have been used to ameliorate the stability and mediology of the formula. The final product is estimated on the base of some quality parameters, including colors, smells, thickness, pH, verbose, communication, skin and froth stimulation. The evaluation results indicate that shops- grounded rubbing are effective, friendly and safe for skin application. This does n't beget vexation and makes the skin softer and smoother significantly after use, proving the eventuality of factory constituents in ornamental care products.

INTRODUCTION

From Greece" Kosmētikos", meaning" skill in shaft", is the source of English words" aesthetics". It's deduced from the words" kosmein"(meaning" association" or" beautify") and" kosmos"(meaning" order" or" embellish"). substantiation of the use of mortal goods from 3000 BC, when men

and women use colors to embellish and attract. To cover themselves and hang others and creatures, the first people also use oils and body decorations. Plant food, made from salutary phytochemical factory excerpt, has been developed for the capability to ameliorate the appearance of the skin. These products frequently contain moisturizers, antiseptic, antioxidants and anti- seditious

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Relevant conflicts of interest/financial disclosures: The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.



medicines. The use of shops- grounded constituents in cosmetics has was since ancient times; For illustration, Queen Cleopatra used aloe vera gel to cover and nurture her face. Dishwashers and facial cleansers are frequently used to remove

redundant oil painting, makeup and adulterants, Adding to the health of the skin. ⁽²⁾

MATERIAL AND METHOD:



Fig No.1

2.1 Tamarind peel powder:

Tamarindus indica, generally known as tamarind or imli, belongs to the Fabaceae family. Its peel has notable parcels, including antimicrobial goods able of inhibiting bacteria like *Staphylococcus aureus* and antioxidant benefits due to its rich polyphenol content with anti-inflammatory action. ⁽³⁾

2.2 Rose petals powder:

Rosa, a rubric in the Rosaceae family, includes over 300 species and numerous cultivars. Generally known as rose petals, or gulab/ roja in indigenous languages, they're extensively used in traditional drug for colorful remedial purposes. ⁽⁴⁾

2.3 Cinnamon powder:

Cinnamomum zeylanicum (also known as *Cinnamomum verum*) belongs to the Laurel family (Lauraceae). It's known for its antioxidant, anti-

inflammatory, antibacterial, antifungal, and implicit antiviral benefits. ⁽⁵⁾

2.4 Neem powder:

Azadirachta indica, also known as neem, Indian lilac, or nimba, belongs to the Meliaceae (mahogany) family. Native to the Indian key and Southeast Asia, neem is largely protean its colorful corridor are used in drug, husbandry, cosmetics, and beast care.

2.5 Honey

Apis mellifera, the Western honey freak from the Apidae family, is native to Eurasia. Along with other *Apis* species, it's known for its antimicrobial, antioxidant, and crack- mending parcels. ⁽⁶⁾

2.6 Tulsi powder:

Ocimum sanctum (or *Ocimum tenuiflorum*), generally known as Tulsi or Holy Basil, belongs to

the Lamiaceae family. It's valued for its medicinal parcels, including antioxidant, anti-inflammatory, and antimicrobial goods.

2.7 Turmeric powder:

Curcuma longa, generally known as turmeric or haldi, belongs to the Zingiberaceae (gusto) family and is native to South Asia. It's known for its anti-inflammatory, antioxidant, antibacterial, anticancer, and implicit anti-HIV parcels.

2.8 Mint powder:

Mentha, from the Lamiaceae family, is known for its essential canvases rich in menthol and menthone.

It has been traditionally used for digestive and respiratory issues and as a seasoning agent. ⁽⁷⁾

2.9 Coffee Seed powder:

Coffea, from the Rubiaceae family, includes species like *Coffea arabica* and *Coffea canephora*. Known as coffee, it contains caffeine, a nervous system goad, and antioxidants like chlorogenic acids.

2.10 Chamomile powder:

Matricaria chamomilla L, generally known as German chamomile, belongs to the Asteraceae family. Roman chamomile (*Chamaemelum nobile* L.) is another affiliated species. Chamomile is known for its anti-inflammatory parcels, with flavonoids like apigenin and luteolin helping reduce inflammation by blocking pro-inflammatory pathways. ⁽⁸⁾



Fig no.2



Fig no.3

2.11 Preparation Method:

1. Weight directly all constituents also pulverized it and pass through the sieve no. 60
2. Also weight directly tamarind peel powder, rose petal powder and cinnamon powder mixed it well in mortal pestle.
3. Also add turmeric and honey in given volume mixed it.
4. Also in mortal pestle addition of tulsi powder, mint powder, masoor dal powder, and neem powder grind it well
5. Also addition of rose water, sodium lauryl sulphate, coffee seed greasepaint, chamomile powder, mixed well with addition of water.
6. Transfer the set sample into the air tight closed vessel. ⁽⁹⁾

3. RESULT:**3.1 Observation Table ⁽¹⁰⁾****Table No.1**

Sr.no	Ingredient	Properties	F1[20gm]	F2[25gm]
1	Tamarind peel powder	Use as exfoliante agent	2.5	4
2	Rose petal powder	Astringent or Antiseptics	2	2.5
3	Cinnamon powder	To remove black heads and whitheads	3	3
4	Turmeric powder	Anti-aging,Humactant	1	1.5
5	Honey	Moisturizer to skin	2	2.5
6	Tulsi powder	Anti-acne	2	2.5
7	Mint powder	To clean pores	1	2
8	Massor dal powder	Gelling agent	2.5	2.5
9	Neem powder	To prevent yeast,fungus	1.5	2
10	Sodium lauryl sulphate	Fomaing agent	1	1
11	Rose water	Flavourant	q.s	q.s
12	Coffee seed powder	Anti oxidant	1	1.5
13	Chamomile powder	Smoothing the skin	1	1.5
14	Water	Solvent	q.s	q.s

3.2 Evaluation Test:

The prepared scrub's color and smell were assessed. It was discovered to have a pleasant, distinctive smell and a brownish color. ⁽¹¹⁾

Table No.2

Sr. No.	Parameter	Observation/Result
1	Colour and Smell	Pleasant, distinctive smell; brownish color
2	Consistency	Semisolid and non-sticky (by visual inspection)
3	pH Determination	pH ranged from 5 to 6; neutral and safe for use
4	Spreadability	Spreadability ($S = M \times L / T$) measured; scrub showed good spread across the slide
5	Irritability Test	No irritation or adverse reaction observed on skin
6	Washability Test	Easily washable from the skin
7	Foamability	Moderate foam formed upon shaking with water in a measuring cylinder

3.3 Comparative evaluation results of trial Scrub parametric test ⁽¹²⁾ formulation:**Table No.3**

Sr. No	Parameter	Observation
01	Colour	Brown
02	Odour	Pleasant
03	Nature	Semisolid gel
04	Homogeneity	Good
05	pH	5 to 6
06	Consistency	Good



07	Viscosity	1429centipoise
08	Extrude ability	Easily excludible
09	Irritability	It is not irritable
10	Washability	Easy to wash
11	Grittiness	Small gritty particle
12	Patch test	No side effect
13	Skin sensitivity	No any rashes
14	Foamability	250ml at 5min

4. DISCUSSION:

I used tamarind peel powder, cinnamon powder, tulsi powder, neem powder, turmeric, masoor dal, honey, rose water, aloe vera gel, and other ingredients to make two herbal scrub formulations (F1, F2). F1 worked the best out of all of them, giving the skin a distinct glow. F1 demonstrated good results and not harmful for the skin. when the scrub was tested on a variety of parameters, including color, odor, pH, consistency, spreadability, washability, grittiness, and skin irritation.

5. CONCLUSION:

We found that the Face Scrub has good cosmetic qualities for human skin. The skin, the body's outermost organ, is immediately and continuously exposed to pro-oxidants such chemicals, UV radiation, and air pollution. The usage of only natural compounds resulted in either no adverse effects or very small ones. A vital component whose significance in the skin care sector is growing is vitamin C. Due to its high vitamin C content, lemon oil smoothes and softens skin. In addition to increasing blood flow, this face scrub lessens scars, acne, and dark circles. Odor, color, consistency, pH, viscosity, extrudability, washability, irritability, and grittiness of the prepared sample were all evaluated and determined to be satisfactory. and discovered to be adequate. The resulting product can therefore be

used as a scrape to encourage a scrub for beautifying the skin.

6. ACKNOWLEDGMENT:

I would like to sincerely thank everyone who supported and guided me throughout the "Preparation and Testing of an formulation and evaluation of herbal scrub" project First and foremost, I am deeply grateful to Pavan Mali for her invaluable advice, unwavering support, and continuous supervision, which played a crucial role in the successful completion of this work. Her motivation and wise counsel were invaluable during the endeavor. I would also like to extend my heartfelt thanks to the faculty and laboratory staff of the Department of Quality Assurance at Nootan College of Pharmacy, Kavathe Mahankal, for providing the necessary facilities and resources for conducting the experimental study. My sincere gratitude goes to my family and friends for their constant support, understanding, and moral encouragement throughout this academic journey. Finally, I would like to acknowledge the contributions of researchers and authors of the reference materials, whose work greatly assisted me in understanding and executing this project.

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HOW TO CITE: Ashitosh Chavan*, Tanjum Manner, Pavan Mali, Sandip Gund, Abhijeet Pawar, Formulation and Evaluation of Herbal Scrubh, *Int. J. of Pharm. Sci.*, 2025, Vol 3, Issue 6, 206-211. <https://doi.org/10.5281/zenodo.15575197>

