

Handbook on Herbal Products (Medicines, Cosmetics, Toiletries, Perfumes) 2 Vols.

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Herbal products combine the skills of specialists in chemistry, physics, biology, medicine and herbs. These are less likely to cause any damaging effect to health. These days a number of products that are using the herbal formulae have got lot of attention and have been witnessing a huge rise in demand not only nationally but on international arena. Bath and beauty products use herbs for both their scents and therapeutic qualities. Herbal products are replacing the synthetics products because of its harsh nature. Herbal products are in huge demand in the developed world for health care for the reason that they are efficient, safe and have lesser side effects. The formulations based on herbs are safe and effective.

Both the volumes covers processes, formulations, analysis methods with the addresses of raw material and machinery suppliers, project profiles, list of manufacturers, exporters and overseas importers of various herbal medicines, cosmetics, perfumes and toiletries. The book also contains addresses of different Ayurvedic & Unani medicines research institutes.

The major contents of the book (both volumes) are: herbal cosmetics, perfumes, analysis of cosmetics, toxicity and test method, infrared spectra of some naturally occurring sesquiterpene hydrocarbons, ayurvedic medicines, analysis of ayurvedic medicines, ayurved siddha unani companies and their products, machinery, directory of perfumes and flavours, manufacturers of standardized herbal extracts.

The book is very useful for new entrepreneurs, manufacturers of herbal products who can easily extract the relevant formulation and process from the book.

1 HERBAL COSMETICS

Cosmetic

Cosmetology

Ingredients of Herbal Cosmetics

Cosmetic Emulsions

Properties of Emulsions

Emulsifiers

Cosmetics for the Skin

Creams

Cleansing creams

Emollient creams

Finishing creams

Special creams
Liquid creams
Manufacture of creams
Cosmetic lotions
Astringent lotions
Bleaching lotions
Cleansing lotions
Freshening lotions
Medicated lotions
Shaving lotions
Special lotions
Manufacture of lotions
Deodorants and antiperspirants
Deodorant-antiperspirant sticks
Sunscreens
Aerosols
Face powders
Lipstick
Foundations
Mascara
Eye makeup
Nail lacquers
Nail products
Lacquer Removers
Cuticle Removers and Softeners
Rouge
Skin pigmentation
Hair
Hair Dye
Shampoos
Waxing
Bath Products
Soaps
Shave Soaps
Oral Products
Tooth Pastes
Toxicity and Test Methods
Human Safety Testing
Sensitization Potential

2. FLOWER PERFUMES

Rose
Jasmin
Violet
Acacia
Broom
Carnation
Cyclamen
Gardenia
Hawthorn
Hyacinth
Iris
Lilac

Linden (Lime Blossom)
Magnolia
Mignonette (Reseda)
Mimosa
Narcissus
Nadro
New Mown Hay
Nicotiana
Opopanax
Orchid (Orchidee)
Pansy
Peony
Phlox
Stockes
Sweet Pea
Syringa (Philadelphus)
Trefly (Clover)
Tuberose
Verbeana
Wall Flower
Wistaria
Ylang-ylang
Sophisticated Perfumes
Green Perfumes
Dominant Note Types
The Ambergris Note

3 PERFUMES FOR MANY PURPOSES

The use of perfumes
Perfumes for Soaps
Perfuming Synthetic Detergents
Perfuming the Air
Incense and fumincs
Perfumed Candles
Paints and Polishes
Other Household Products
Perfuming Cosmetics
Adapting the perfume to the vehicle
Perfuming Creams
Perfuming Powders
Perfuming Lipstick and Nail Laquer
Hair Preparation Perfumes
Perfumed Aerosols
In Pharmacy and Medicine
Industrial Perfumes
Perfumes for Textiles
Perfumed Ink and Paper
Masking Malodours
Perfume in Agriculture
Perfumed Insecticides
Many other uses
Flavours as Perfumes

4 INFRARED SPECTRA OF SOME NATURALLY

OCCURRING SEQUITERPENE HYDROCARBONS

5 INFRARED SPECTRA OF FRAGRANCE COMPOUNDS

6 ANALYSIS OF COSMETICS

Lipsticks

Methods of Analysis

Analysis of Dyes Present in Lipsticks

Quality Control of Lipsticks

Nail Enamels

Methods of Analysis

Bismuth Oxochloride

Free Formaldehyde

Shampoos

Methods of Analysis

Composition Analysis

Analysis of the Nonvolatile Matter

Surfactants

Analysis of Soap Shampoos

Fatty Acids (Chloroform Solubles)

Analysis of Alkyl Aryl Polyether Alcohol Shampoos

Analysis of Alkyl Sulfate Shampoos

Deodorants and Antiperspirants

Methods of Analysis

Hair Sprays

Methods of Analysis

Sunscreens

Methods of Analysis

Creams and Lotions

Aerosols

Methods of Analysis

Specific Gravity of the Propellant

Hair Dyes

Methods of Analysis

Analysis of Dye Intermediates

Analysis of Dye Developer

Sun Screens

Methods of Analysis

Plastic Material

Permeation of Fragrances

Evaluation of Packages

Testing Bottles

Miscellaneous Tests

Shampoos

Methods of Analysis

7 ANALYSIS FOR COLOUR FOR DRUGS AND COSMETICS

Methods of Analysis

Chromatography

Paper Chromatography

Liquid Chromatography

Method for Triphenylmethane Colors (5)

Electrophoresis
Solvent Extraction
Assay Methods
Titration with Titanous Chloride
Spectrophotometric Method
Determination of Impurities
Inorganic Salts
Metallic Impurities
Intermediates
Subsidiary and Isomeric Colors
Determination in Mixtures

8 ANALYSIS OF AYURVEDIC MEDICINES

General Scheme of Analysis

- I. Materials and Solutions employed in tests
- II. Solutions used in volumetric determinations
- III. Determination of pH
- IV. Determination of
 - A. Refractive Index
 - B. Specific gravity
- V. Determination of Fineness of particles
(Lepa, bhasma, sindura, pisti, Curma)
- VI. A. Disintegration test for tablets/pills
(Mandura, lauha, vatigutika and vati)
 - B. Uniformity of weight of tablets
- VII. A. Determination of Ash
 - B. Acid Insoluble Ash
 - C. Water soluble ash
- D. Determination of Water Soluble Extractive
- E. Determination of Alcohol-Soluble Extractive
- F. Loss on Drying
- G. Determination of Alcohol content
- H. Determination of water
- VIII. Determination of Foreign Organic and Inorganic matter
- IX. Determination of
 - A. Fat content: (Avaleha, Ghrta)
 - B. Volatile oil content:
(Arka, ghrta, taila, guggulu, vati-gutika, and rasa-yoga, varti)
 - C. Acid value: (ghrta, taila, paka)
 - D. Saponification Value: (taila, ghrta, pakat)
 - E. Iodine value (taila, ghrta, paka)
- X. Qualitative Reactions
 1. Aluminium
 2. Arsenic
 3. Borate
 4. Calcium
 5. Carbonates
 6. Chlorides
 7. Copper (USP)
 8. Gold

9. Iron
10. Lead
11. Magnesium
12. Mercury
13. Phosphate
14. Potassium
15. Silicon
16. Silver
17. Sodium
18. Sulphur
19. Sulphates
20. Tin
21. Alkaloids

XI. Quantitative estimation

Determination of

1. Aluminium
 2. Arsenic
 3. Borate
 4. Calcium
 5. Camphor
 6. Chloride
 7. Copper
 8. Iron
 9. Gold
 10. Lead
 11. Magnesium
 12. Mercury present as sulphide
 13. Phosphate
 14. Silica
 15. Silver
 16. Sulphur
 17. Tin
 18. Determination of sodium and potassium by means of the flame photometer
- #### XII. Determination of total sugars and reducing sugar as invert sugar
- ##### Determination: Reducing sugars
- #### XIII. Estimation of Resin

9 AYURVEDIC MEDICINES

Unani Medicines

Siddha Medicines

Homeopathic Medicines

CONTENTS

VOL II

10 AYURVED SIDDHA UNANI COMPANIES
AND THEIR PRODUCTS

11 PROJECT PROFILES

Hair Oil
Bath and Massage Oil
Neem Oil
Vicks Like Compounds
Suncare/Skin Lightening Compounds
Eye Drops
Herbal Liver Tonic
Lal Tooth Powder
Shampoo

12 MACHINERY SECTION

13 NAME OF SUPPLIERS OF RAW MATERIAL

14 FOREIGN/ BUYERS/ SELLERS/ PROCESSORS/ MANUFACTURERS OF
HERBAL/TRADITIONAL SINGLE AND COMPOUND MEDICINAL MATERIALS

15 DIRECTORY OF PERFUMES AND FLAVOURS

Manufacturers/Distributors/Suppliers/Traders/
Exporters/Importers
Central Region
Associate Members
Individual Members
Northern Region
Southern Region
Associate Members

16 MANUFACTURERS OF STANDARDIZED HERBAL EXTRACTS, PHYTOCHEMICALS AND
ESSENTIAL OILS IN INDIA

17 AYURVEDIC COLLEGES IN INDIA

18 INSTITUTE OF UNANI MEDICINE

19 COLLEGES OF UNANI MEDICINE IN INDIA

20 WORLD IMPORTERS OF NATURAL MEDICINES

About NIIR

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of Project Profile, Pre-Investment and Pre-Feasibility Study, Market Research Study, Preparation of Techno-Economic Feasibility Report, Identification and Section of Plant, Process, Equipment, General Guidance, Startup Help, Technical and Commercial Counseling for setting up new industrial project and Most Profitable Small Scale Business.

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Our Detailed Project report aims at providing all the critical data required by any entrepreneur vying to venture into Project. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.

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