

# 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
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- #### XII. Determination of total sugars and reducing sugar as invert sugar
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## **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.

NPCS also publishes varies process technology, technical, reference, self employment and startup books, directory, business and industry database, bankable detailed project report, market research report on various industries, small scale industry and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by professionals including project engineers, information services bureau, consultants and project consultancy firms as one of the input in their research.

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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