The Complete Technology Book of Essential Oils (Aromatic Chemicals)Reprint-2011

Author: NIIR Board Format: Paperback ISBN: 9788178330662

Code: NI58 Pages: 640

Price: Rs. 1,275.00 US\$ 125.00

Publisher: Asia Pacific Business Press Inc.

Usually ships within 5 days

Essential oils are also known as volatile oils, ethereal oils or aetherolea, or simply as the oil of the plant from which they were extracted. Essential oils are generally used in perfumes, cosmetics, soaps and other products, for flavoring food and drink, and for adding scents to incense and household cleaning products. Various essential oils have been used medicinally at different periods in history. Medical applications proposed by those who sell medicinal oils range from skin treatments to remedies for cancer, and often are based solely on historical accounts of use of essential oils for these purposes. Interest in essential oils has revived in recent decades with the popularity of aromatherapy, a branch of alternative medicine that claims that essential oils and other aromatic compounds have curative effects. Oils are volatilized or diluted in carrier oil and used in massage, diffused in the air by a nebulizer, heated over a candle flame, or burned as incense. This book describes about the physicochemical properties, chemical composition, distillation, yield, quality of essential oils, process of extraction of essential oils, manufacture of essential oils, products derived from essential oils and so on.

The book in your hands contains formulae, processes, and test parameters of different types of essential oils derived from different natural sources. This is very helpful book for new entrepreneurs, professionals, institutions and for those who are already engaged in this field.

Contents

I. ESSENTIAL OILS OF THE PLANT FAMILY RUTACEAE

1. Essential Oils of the Genus Citrus

The Expression of Citrus Oils

The Occurrence of Essential Oils in the Peels of Citrus Fruit

Hand Processes

Machines Treating Separated Peels

Superficial Working of Whole Fruit by Rasping Machines

Deterioration of Citrus Oils During Expression

(Causes, Nature and Prevention)

Treatment of Citrus Fruit or Peel by High Pressure

Distillation of Citrus Fruit And Peel

Modern, Large-scale Citrus Juice - And Oil Pressing Equipment

Distilled North American Citrus Oils

California Citrus Oils

Florida Citrus Oils

Citrus Production in Texas And Other Southern States

2. Oil of Lemon

California Lemon Oil

Italian Lemon Oil

Terpeneless And Sesquiterpeneless Italian Lemon Oil

Spanish Lemon Oil

Brazilian Lemon Oil

Use of Lemon Oil

Oil of Petitgrain Lemon

3. Oil of Sweet Orange

French Guinea Sweet Orange Oil

Brazilian Sweet Orange Oil

Italian Sweet Orange Oil

Spanish Sweet Orange Oil

Japanese Sweet Orange Oil

4. Oil of Petitrgrain Bigarade

French Petitgrain Bigarade Oil

Spanish Petitgrain Bigarade Oil

Italian Petitgrain Bigarade Oil

North African Petitgrain Bigarade Oil

French Guinea Petitgrain Bigarade Oil

Haiti Petitgrain Oil

Chemical Composition and Use of Petitgrain Bigarade Oil

Petitgrain Bigarade Water Oil

5. Oil of Petitgrain Paraguay

Development of Paraguay's Petitgrain Oil Industry

Handling of the Oil

Physicochemical Properties

Chemical Composition of Oil of Petitgrain Bigarade

and Petitgrain Paraguay

6. Oil of Neroli Bigarade

French Neroli Bigarade Oil

Italian Neroli Bigarade Oil

Spanish Neroli Bigarade Oil

Tunisian Neroli Bigarade Oil

Alegerian Neroli Bigarade Oil

Moroccan Neroli Bigarade Oil

Haiti Neroli Oil

Orange Flower Water

Orange Flower Oil by Extraction

7. Oil of Bergamot

8. Oil of Petitgrain Bergamot

9. Oil of Lime

The Acid Limes

The West Indian Lime Industry

Method of Distillation

Yield of Distilled Lime Oil

Production of A High Quality Oil

Mexican Lime Oil

East Indian Lime Oil

Oil of Sweet Lime

10. Oil of Mandarin

11. Oil of Tangerine

12. Oil of Petitgrain Mandarin

13. Oil of Grapefruit

North American Grapefruit Oil

Brazilian Grapefruit Oil

Oil of Petitgrain Grapefruit

Oil of Neroli Grapefruit

The Keeping Qualities of Citrus Oils

14. Essential Oils of Other Genera of the Plant Family Rutaceae

Oil of Angostura Bark

Oil of Boronia Megastigma

II. ESSENTIAL OILS OF THE PLANT FAMILY LABIATAE

15. Oil of Balm

16. Oil of Basil

Oil of Sweet Basil (European Type)

Reunion Type of Basil Oil

Methyl Cinnamate Type of Basil Oil

Haiti Basil Oil

Eugenol Type of Basil Oil

17. Essential Oils of Other Ocimum Species

Oil of Ocimum Canum Sims

Oil of Ocimum Canum Hybrid

Oil of Ocimum Gratissimum L.

Oil of Ocimum Viride Willd

Oil of Ocimum Suave

Oil of Ocimum Sanctum

Oil of Ocimum Micranthum

18. Oil of Catnip

A. Oil of Nepeta Cataria L.

B. Oil of Nepeta Cataria Var. Citriodoura

19. Oil of Hyssop

20. Oil of Lavender

French Lavender Oil

Italian Lavender Oil

Hungarian Lavender Oil

English Lavender Oil

American Lavender Oil

Australian Lavender Oil

Use of Lavender Oil

21. Oil of Lavandin

Oil of Spike Lavender

22. Oil of Marjoram

Oil of Spanish Wild Marjoram

23. The Monarda Oils

Oil of Horsemint

Oil of Lemon Mint

Oil of Monarda Menthaefolia R. Grah.

24 Oil of Origanum

Spanish Origanum Oil

Moroccan Origanum Oil

Palestine And Syrian Origanum Oil

Oil of Origanum Vulgare L.

Oil of Origanum Vulgare L. Var. Viride

Oil of Origanum Virens Hoffmg. Et Link

25. The Orthodon Oils

Cubic Model of Orthodon Series

26. Oil of Patchouly

27. Oil of Pennyroyal

European And North African Pennyroyal Oil

American Pennyroyal Oil

28. Oil of Peppermint

American Peppermint Oil

Russian Peppermint Oil

Bulgarian Peppermint Oil

Italian Peppermint Oil

English (mitcham) Peppermint Oil

French Peppermint Oil

Argentine Peppermint Oil

29. Japanese Mint Oil

Chinese Mint Oil

30. Oil of Mentha Rotundifolia

Oil of Perilla

31. The Pycnanthemum Oils

32. Oil of Rosemary

French Rosemary Oil

Dalmatian Rosemary Oil

Tunisian Rosemary Oil

Russian Rosemary Oil

Italian Rosemary Oil

Chemical Composition and Use of Rosemary Oil

33. Oil of Sage

34. American Sage Oil

35. Oil of Clary Sage

Oil of Spanish Sage

36. Oil of Salvia Carnosa Dougl

The Satureia Oils

37. Oil of Thyme

Spanish Thyme Oil

Chemical Composition And Use of Thyme Oil

Oil of Thymus Hiemalis Lange

Oil of Thymus Serpyllum L.

36 Oil of Thymus Hiemalis Lange

Oil of Thymus Hirtus Willd

Oil of Thymus Serpyllum L.

37 Essential Oils

Agar oil

Ajowan oil

Camphor oil

Cinnamon Leaf oil

Citrus oils

Dill Oil

Eucalyptus Oil

Geranium Oil

Ginger Grass Oil

Jasmine Oil

Khus Oil

Lavender Oil

Lemon Grass Oil

Linaloe Oil

Mint Oil

Palmarosa Oil

Patchauli Oil

Sandalwood oil

Turpentime oil

38 Processes For Extraction of Essential Oils

Market Survey For Essential Oil

39 Processes For Extraction of Essential Oil

Use of Solar Energy For Distillation

40 Manufacture of Essential Oils

Citronella Oil

Lemon Grass Oil

Eucalyptus Oil

Sandal Wood Oil

Mentha Oil And Menthol Crystals

Process of Manufacture

Citrodoura Oil

41 Rajnigandha Oil

42 Lavender Oil

43 Palmarosa Oil

Lemon Oil

Clove Oil

Jasmine Oil

Khus Oil

Geranium Oil

44 Products Derived From Essential Oils

45 Menthol Crystals From Mentha Oil

46 Synthetic Perfumes For Agarbatti

47 Perfumes, Scents & Attars

48 Eraniol, Citronellol And Hydroxy Citronellol

49 Nerol

About NIIR

NIIR PROJECT CONSULTANCY SERVICES (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our various services are: Detailed Project Report, Business Plan for Manufacturing Plant, Start-up Ideas, Business Ideas for Entrepreneurs, Start up Business Opportunities, entrepreneurship projects, Successful Business Plan, Industry Trends, Market Research, Manufacturing Process, Machinery, Raw Materials, project report, Cost and Revenue, Pre-feasibility study for Profitable Manufacturing Business, Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Business Opportunities, Investment Opportunities for Most Profitable Business in India, Manufacturing Business Ideas, Preparation 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.

NIIR PROJECT CONSULTANCY SERVICES , 106-E, Kamla Nagar, New Delhi-110007, India. Email: npcs.india@gmail.com Website: NIIR.org

Sun, 28 Apr 2024 19:46:21 +0530