

# Perfumes and Flavours Technology Handbook

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Perfumes & flavours with their products are part & parcel of our everyday life. The demand worldwide for perfumes is enormous & constantly on the increase. The perfume & flavour industry has become a major business. Mans search for substances which can produce new flavours & perfumes, substitute for expensive & or scarce ones, or augment & enhance existing desirable ones continuous a pace. The manufacture of perfume oils & flavouring compounds is an art & it means metering of the individual components in accordance with the formula, followed by blending for homogenization. But in all perfume & flavour house the oil formulas are among the best kept secrets & represent the knowhow. They play a major role in the success of the companies. Odors are also commonly called scents, which can refer to both pleasant and unpleasant odors. The terms fragrance and aroma are used primarily by the food and cosmetic industry to describe a pleasant odor, and are sometimes used to refer to perfumes. The odours are classified in various kinds such as floral, woody, rustic, balsamic, fruity, animal etc. There are numerous types of applications of perfumes in modern industrialized society such as perfumes used in soaps & detergents, paints, adhesives, air deodorants, cosmetics, toilet & beauty preparations, textiles, beverages, foods, medicines, and many more. The global flavour industry can be characterized as highly technical, specialized, and innovative. This industry is highly competitive and concentrated, compared to other product categories within the food and beverage market. The global flavours market is predicted to grow at a Compound Annual Growth Rate (CAGR) of 2% per annum.

The present book deals with the new techniques & manufacturing processes with formulae of different useful and demandable perfumes and flavours. This book will definitely help not only to perfumers & flavour chemists but to all upcoming entrepreneurs, scientists, technocrats etc.

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Beeswax (Absolute)  
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Dill  
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Eucalyptus Staigeriana  
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Fennel Sweet  
Fenugreek (Resinoid)  
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Hop  
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Hyssop  
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Laurel  
Lavandin  
Lavender  
Lemon  
Lemongrass  
Lime  
Linaloe Wood  
Litsea Cubeba  
Lovage  
Mace  
Mandarin  
Marjoram  
Mate (Absolute)  
Mentha Citrata  
Mignonette (Absolute)



Mimosa (Concrete, Absolute)  
Monard  
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Mustard  
Myrrh (Resinoid)  
Myrtle  
Narcissus (Concrete, Absolute)  
Nepeta  
Neroli  
Niaouli  
Nutmeg  
Oakmoss (Resinoid, Absolute)  
Olibanum (Resinoid)  
Onion  
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Rosemary  
Rosewood  
Rue  
Saffron  
Sage  
Sandalwood  
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Sassafras  
Savin  
Savory  
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Tuberose (Concrete, Absolute)

Turpentine (Rectified)

Valerian

Vanilla (Resinoid)

Vassoura

Verbena

Vetiver

Violet (Concrete, Absolute)

Wallflower

Wintergreen

Wormseed

Wormwood

Woodruff

Ylang Ylang

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Acetaldehyde

Acetate C-8

Acetate C-9

Acetate C-10

Acetate C-11

Acetate C-12

Acetatepa

Acetic Glacial (Pure)

Acetophenone

Alcohol C-7

Alcohol C-8

Alcohol C-9

Alcohol C-10

Alcohol C-11 (Undecylenic)

Alcohol C-11 (Undecylic)

Alcohol C-12

Alcohol C-16

Aldehyde C-7

Aldehyde C-8

Aldehyde C-9

Aldehyde C-10

Aldehyde C-11 (Undecylenic)

Aldehyde C-11 (Undecylic)

Aldehyde C-12 (Lauric)

Aldehyde C-12 (Mna)

Aldehyde C-14 (Myristic)

Aldehyde C-14 (Pure)  
Aldehyde C-16 (Pure)  
Aldehyde C-18  
Aldehyde C-19  
Aldehyde C-20  
Allyl Sulfide  
Ambrettolide  
Amyl Benzoate  
Amyl Butyrate  
Amyl Cinnamic Aldehyde  
Amyl Phenyl Acetate  
Amyl Propionate  
Anethole  
Angelic Acid  
Anisic Acid  
Anisic Alcohol  
Anisic Aldehyde  
Anisole  
Anisyl Acetate  
Anisyl Formate  
Anthranilic Acid  
Benzaldehyde  
Benzoic Acid  
Benzyl Acetate  
Benzyl Benzoate  
Benzyl Cinnamate

Benzyl Formate  
Benzyl Phenyl Acetate  
Benzyl Propionate  
Benzyl Salicylate  
Benzyl Valerianate  
Bornyl Acetate  
Bromo Styrol  
Butyl Benzoate  
Butyric Acid  
Butyric Aldehyde  
Cadinene  
Capric Acid  
Caproic Acid  
Caprylic Acid  
Carvacrol  
Caryophyllene  
Cedrene  
Cedryl Acetate  
Cinnamic Acid  
Cinnamic Aldehyde  
Cinnamyl Acetate  
Cinnamyl Benzoate  
Cinnamyl Cinnamate  
Cinnamyl Formate  
Citral  
Citric Acid  
Citronellal

Citronellyl Acetate  
Citronellyl Butyrate  
Citronellyl Formate  
Citronellyl Propionate  
Citronellyl Valerianate  
Coumarin  
Coumarin Acid  
P-cresyl Acetate  
P-cresyl Phenyl Acetate  
Cumenic Aldehyde  
Cymol  
Dimethyl Benzyl Carbonyl Acetate  
Dimethyl Octanol  
Dimethyl Phenyl Carbonyl Acetate  
Diphenyl Oxide  
Epoxy Linalyl Acetate  
Ethyl Acetoacetate  
Ethyl Alcohol  
Ethyl Anisate  
Ethyl Anthranilate  
Ethyl Benzoate  
Ethyl Caproate  
Ethyl Cinnamate  
Ethyl Formate  
Ethyl Hexyl Carbonyl Acetate  
Ethyl Linalyl Acetate

Ethyl Phenyl Acetate

Ethyl Salicylate

Eugenol

Eugenol Acetate

Fenchene

Formic Acid

Fumaric Acid

Geraniol

Geranyl Acetate

Geranyl Butyrate

Geranyl Caproate

Geranyl Phenyl Acetate

Geranyl Propionate

Heliotropin

Heptane

Heptanoic Acid

Indole

Ionone

Isoamyl Acetate

Isoamyl Salicylate

Isobutyl Acetate

Isobutyl Benzoate

Isobutyl Cinnamate

Isobutyl Phenyl Acetate

Isobutyl Quinoline

Isobutyl Salicylate

Isopropyl Anthranilate



Lactic Acid  
Lauric Acid  
Linalool  
Linalyl Acetate  
Linalyl Butyrate  
Linalyl Cinnamate  
Linalyl Formate  
Linalyl Propionate  
Linalyl Valerianate  
Malic Acid  
Menthol  
Menthone  
Menthyl Acetate  
P-methoxy Phenylbutyl Acetate  
Methyl Alcohol  
Methyl Anisate  
Methyl Anthranilate  
Methyl Benzoate  
Methyl Butyrate  
Methyl Cinnamate  
Methyl Eugenol  
Methyl Hexyl Carbinyl Acetate  
Methyl Phenyl Acetate  
Methyl Salicylate  
Musk Ambrette  
Musk Ketone

Musk Xylol  
Myrcene  
Nerol  
Nerolin  
Neryl Acetate  
Nonoic Acid  
&gamma;-octa Lactone  
Octylene  
Ocymene  
Oxalic Acid  
Phenyl Acetaldehyde  
Phenyl Acetic Acid  
Phenyl Ethyl Acetate  
Phenyl Ethyl Alcohol  
Phenyl Ethyl Anthranilate  
Phenyl Ethyl Butyrate  
Phenyl Ethyl Cinnamate  
Phenyl Ethyl Formate  
Phenyl Ethyl Phenyl Acetate  
Phenyl Ethyl Propionate  
Phenyl Ethyl Salicylate  
Phenyl Propyl Acetate  
Phenyl Propyl Alcohol  
Phenyl Propyl Butyrate  
Phenyl Propyl Formate  
Pinene  
Propionic Acid

Propyl Alcohol  
Propyl Formate  
Pulegone  
Pyroligneous Acid  
Rhodinol  
Rhodiny Acetate  
Rhodiny Formate  
Sabinene  
Safrole  
Salicylic Acid  
Santalene  
Santalol  
Santaly Acetate  
Santene  
Sebacic Acid  
Skatole  
Styralyl Acetate  
Styrol  
Succinic Acid  
Tannic Acid  
Tartaric Acid  
Terpineol  
Terpiny Acetate  
Terpiny Formate  
Terpiny Propionate  
Thymol

Tiglic Acid

Trichloromethylphenyl Carbonyl Acetate

Umbelliferone

Undecylenic Acid

Valerianic Acid

Vanillin

Vetiver Acetate

Yara Yara

## 9. AROMATIC CHEMICALS USED IN FLAVOUR AND PERFUME COMPOUNDS

Acetophenone

Amyl Cinnamic Aldehyde

Amyl Salicylate

Anisic Aldehyde

Benzaldehyde

Benzyl Acetate

Benzyl Alcohol

Benzyl Benzoate

Benzyl Cinnamate

Benzylidene Acetone

Benzyl Salicylate

Borneol

Bornyl Acetate

Cinnamic Acid

Cinnamic Alcohol

Cinnamic Aldehyde

Citral  
Citronellal  
Citronellol  
Coumarin  
P-cresyl Acetate  
P-cresyl Methyl Ether  
Cyclamen Aldehyde  
Diphenyl Ketone  
Diphenyl Oxide  
Eugenol  
Geraniol  
Heliotropin  
Hydroxycitronellal  
Indole  
Ionone  
Linalool  
Linalyl Acetate  
Methyl Anthranilate  
Methyl Heptyne Carbonate  
P-methyl Quinoline  
Methyl Salicylate  
Musk Ambrette  
Musk Ketone  
Musk Xylene  
Nerol  
&gamma;-nonalactone

Phenylacetaldehyde

Phenyl Acetic Acid

Phenyl Ethyl Acetate

Phenyl Ethyl Alcohol

Rose Crystals

Rose Oxide

Terpineol

$\gamma$ -undelactone

Vanillin

## 10. NATURAL ODOURS OF AROMATIC CHEMICALS

Balsamic

Citrus

Fatty

Flowery

Grassy

Green-Floral

Harsh-Pungent

Herb-Like

Leaf-Green

Musky

Odorless-Faint

Waxy

Woody

Acacia

Bergamot

Carnation

Cassia

Chrysanthemum

Clove

Clover

Cyclamen

Fern

Frangipani

Gardenia

Geranium

Hawthorn

Heliotrope

Honeysuckle

Hyacinth

Iris

Jasmine

Jonquil

Lavender

Lilac

Lily of the Valley

Linden

Magnolia

Mignonette

Mimosa

Moon Flower

Morning Glory

Moss

Musk

Narcissus

Orange Blossom

Orchid

Patchouli

Pine (Needles)

Rose

Sweet Pea

Syringa

Tobacco

Trefle

Tuberose

Verbena

Violet

Wallflower

Wisteria

Wintergreen

Ylang Ylang

Seaweed (Algae)

Adonis

Forsythia

Fringe Tree

Fixatives for Perfumes

Ambergris

## 11. BASIC FLAVOURING MATERIALS

Introduction



## Natural Flavors Simulated with Synthetic

Chemicals

FRUITY

Fruity

FRESH FRUIT

Apple

Apricot

Barberry

Bilberry

Blackberry

Black Currant

Blueberry

Cherry (Sweet and Sour)

Cranberry

Date

Gooseberry

Grape

Grape Fruit

Hop

Huckleberry

Lemon

Lime

Loganberry

Mandarin

Melon (Watermelon)

Mulberry

Orange

Peach (Freestone, Clin Gstone, Nectarine)

Pear

Plum (Prunes)

Pomegrana Te

Quince

Raspberry

Red Currant

Strawberry

#### TROPICAL FRUITS

Avocado

Banana

Cherimoya

Coconut

Guava

Mango

Papaya

Pineapple (Ananas)

#### DRY FRUITS

Almond, Bitter

Brazil Nut (Cream Nut, Butter Nut, Pura Nut, Shenut)

Cashew Nut

Chestnut

Hazelnut (Cobnuts, Filbert)

Macadamia (Queensland Nut)

Peanut

Pecan

Pistachio

Walnut

## NATURALLY SWEET PRODUCTS

Honey

Licorice

Maple

Vanilla Beans

Woodruff

## DAILY BEVERAGES

Cocoa-chocolate

Coffee

Kola

Tea

Alcoholic Beverages

Beer

Bitters

Cognac

Fermented Drinks

Fortified Beverages

Light or Still

Rum

Sparkling Wines

Vermouth

Whiskey

## DAIRY PRODUCTS

Butter

Cheese

Milk

Yogurt

## CULINARY ADDITIVES

Capsicum

Cucumber

Garlic

Hickory

Mustard

Onion

Paprika

Saffron

Smoke

Tarragon

Tomato

Turmeric

## 12. AROMATIC CHEMICALS USED IN FLAVOUR COMPOUNDING

Aldehyde C-18

Anethole

Anisaldehyde

Benzaldehyde

Benzyl Butyrate

Bourbonal

Carvone

Cinnamic Aldehyde

Cinnamyl Alcohol  
Cinnamyl Butyrate  
Cinnamyl Propionate  
Citral  
Citronellol  
Coumarin  
Cumic Aldehyde  
Decyl Acetate  
N-decyl Alcohol  
N-decyl Aldehyde  
Dodecyl Aldehyde  
Ethyl Acetate  
Ethyl Acetoacetate  
Ethyl Benzoate  
Ethyl Butyrate  
Ethyl Malonate  
Ethyl Myristate  
Ethyl Oenanthate  
Ethyl Pelargonate  
Ethyl Propionate  
Ethyl Sebacate  
Ethyl Valerate  
Eugenol  
Geraniol  
Geranyl Acetate  
Geranyl N-butyrate

Heliotropin  
Heptylic Aldehyde  
Hydrocinnamic Aldehyde  
Hydroxycitronellal  
Ionone  
Irene  
Isoamyl Acetate  
Isoamyl Butyrate  
Isoamyl Valerate  
Isobutyl Acetate  
Isobutyl Butyrate  
Isoeugenol  
Linalool  
Linalyl Acetate  
Linalyl Butyrate  
Menthol  
Methyl Anthranilate  
Methyl M-anthranilate  
Methyl Eugenol  
Methyl Heptyne Carbonate  
Methyl Isoeugenol  
Methylnonyl Acetaldehyde  
Methyl Phenyl Acetate  
Methyl Phenyl Glycidate  
&beta;-naphthol Isobutyl  
&beta;-naphthyl Ethyl Ether  
Nerol

N-nonyl Alcohol

Nonyl Aldehyde

Octyl Acetate

N-octyl Alcohol

N-octyl Aldehyde

Octyl Butyrate

Phenyl Ethyl Acetate

Phenyl Ethyl Alcohol

Phenyl Ethyl Propionate

Rhodinol

Rhodinyl Acetate

Rhodinyl Butyrate

&alpha;-terpineol

Terpinyl Propionate

P-toluyl Aldehyde

N-undelactone

Undecylenic Aldehyde

Vanillin

### 13. SOLVENTS

Introduction

Solvents commonly used for flavors and perfumes

Acetone

Benzene

Corn Oil

Cottonseed Oil

Cyclohexane  
Diethyl Phthalate  
Ethyl Acetate  
Ethyl Alcohol  
Glycerol  
Glyceryl Triacetate  
N-hexane  
Isopropyl Alcohol  
Polysorbate 80  
Propylene Glycol  
Soybean Oil  
Water, Distilled

#### 14. COLORANTS FOR FLAVOURS AND PERFUMES NATURAL COLORS

Alkanet  
Annatto  
&beta;-Apo-8' -carotenal  
Beet  
Buckthorn  
Campeachy  
Canthaxanthin  
Caramel  
Catechu  
Chlorophyll  
Cochineal  
Cud Bear  
Curcuma



Erythrosine

Guanine

Huckleberry

Indigotin

Kino

Mallow Flowers

Paprika

Pernambuco

Pokeberry

Safflower

Saffron

Sandalwood

Tartrazine

Titanium Dioxide

Turmeric

Ultramarine

Yellowwood

Zinc Oxide

Colors of Common Flavors and Perfumes

## 15. STABILIZERS

Agar-agar

Arabic Gum

Bean Gums, Locust

Carrageen

Guar Gum

Karaya Gum

Pectin

Tragacanth Gum

## 16. FORMULATION OF PERFUMES

Acacia

Acetic Acid, Tincture

Alpestrine, Perfume

Amber, Base

Amber, Concrete (Fixative)

Amber, Liquid (Chypre Basis)

Ambergris, Perfume Imitation No. 1

Ambergris, Perfume Imitation No. 2

Ambergris, Tincture

Bergammonia, Disinfectant

Bergamot, Essence (Natural) No. 1

Bergamot, Essence (Natural) No. 2

Bouquet, No. 1 (For Soap)

Bouquet, No. 2 (For Soap)

Bouvardia

Calamus, Imitation No. 1

Calamus, Imitation No. 2

Camphor, Tincture

Cananga (For Soap)

Capsicum

Carnation, Imitation No. 1

Carnation, Imitation No. 2

Carnation (For Soap)

Carnation, Pink (Perfume)

Castor, Tincture No. 1

Castor, Tincture No. 2

Cedrela, Wood Type

Citronella (For Soap)

Coconut, Extract (Natural)

Coconut, Paste

Cologne

Color Base Standard Formula No. 1

Color Base Standard Formula No. 2

Color Mixture

Colors (Natural Dyes)

Cover Odor, Perfume No. 1

Cover Odor, Perfume No. 2

Cover Odor, Perfume No. 3

Cyclamen, Base (Synthetic)

Cyclamen (for Soap)

Deodorant for Cream

Deodorant for Vessels

Deodorant for Water

Deodorants (Masking Agent)

Deodorants (Masking Agent) for Heavy Odors

Deodorants (Masking Agent) Grassy Odors

Diacetyl, Tincture

Eau De Cologne  
Eau De Cologne (for Soap)  
Eglantine (Wild Rose)  
Esters, General Base  
Fenugreek, Tincture  
Fern (for Soap)  
Floral Fragrance (for Soap)  
Floral, Imitation No. 1  
Floral, Imitation No. 2  
Fougere  
Fougere, Base (Fern)  
Frangipanni, Imitation No. 1  
(Acutifolia, Alba, Rubra)  
Frangipanni, Imitation No. 2  
Frangipanni, Imitation No. 3  
Frangipanni, Imitation No. 4  
Freshener, Perfume  
Gardenia, Base  
Geranium  
Geranium, Imitation (for Soap)  
Geranium, Synthetic  
Gingergrass (for Soap)  
Girofl, Imitation No. 1  
Girofl, Imitation No. 2  
Halo, Sea Salt Odor  
Hawthorn  
Hawthorn (for Soap)

Heliotrope (for Soap)  
Herbal Base, Gold Water  
Hip, Extract (Natural)  
Hip, Imitation No. 1  
Honey, Synthetic (for Perfume)  
Honeysuckle  
Hyacinth  
Ionone  
Iris  
Iris, Synthetic  
Jasmine (for Brilliantine)  
Jasmine Grandiflora  
Jasmine, Imitation No. 1  
Jasmine, Imitation No. 2  
Jasmine, Imitation No. 3 (for Soap)  
Jasmine, Infusion  
Jasmine, Synthetic No. 1  
Jasmine, Synthetic No. 2  
Jasmine, Synthetic No. 3  
Jasmine, Synthetic No. 4  
Jasmine, Synthetic No. 5  
Jasmine, Synthetic No. 6  
Jonquil (Daffodil), Imitation  
Jonquil (Daffodil), Synthetic  
Lavender, Essence (Natural)  
Lavender, Imitation No. 1

Lavender, Imitation No. 2

Lavender, Imitation No. 3

Lavender, Imitation No. 4

Lavender, Imitation No. 5

Lavender, Imitation No. 6

Lavender, Imitation No. 7

Lavender, Imitation No. 8

Lavender, Imitation No. 9

Lavender, Imitation No. 10

Lavender, Imitation No. 11

Lavender, Imitation No. 12 (for Soap)

Lavender, Sweet

Leather

Lilac, Imitation No. 1

Lilac, Imitation No. 2

Lilac, Imitation No. 3

Lilac, Imitation No. 4

Lilac, Imitation No. 5

Lilac, Imitation No. 6

Lilac, Imitation No. 7

Lilac, Imitation No. 8

Lilac, Imitation No. 9 (for Soap)

Lilac, Synthetic No. 1 (for Soap)

Lilac, Synthetic No. 2 (for Soap)

Lily, Base

Magnolia

Mignonette (Reseda)

Mimosa, Imitation

Mimosa, Synthetic

Moss

Muguet (Lily of the Valley), Imitation No. 1

Muguet (Lily of the Valley), Imitation No. 2

Muguet (Lily of the Valley), Imitation No. 3

(For Soap)

Muguet (Lily of The Valley), Synthetic No. 1

Muguet (Lily of the Valley), Synthetic No. 2

Musk

Musk, Imitation No. 1 (for Powder)

Musk, Imitation No. 2 (for Soap)

Narcissus, Imitation No. 1 (for Powder)

Narcissus, Imitation No. 2 (for Cologne)

Narcissus, Imitation No. 3 (for Cologne)

Narcissus, Imitation No. 4 Poeticus (for Cologne)

Narcissus, Imitation No. 5 (for Soap)

Narcissus, Synthetic No. 1

Narcissus, Synthetic No. 2

Narcissus, Synthetic No. 3

Narcissus, Synthetic No. 4

Neroli, Imitation No. 1

Neroli, Imitation No. 2

Neroli, Imitation No. 3

Neroli, Imitation No. 4 (for Soap)

Nerolin

Neutroleum, Deodorizing Perfume

New Mown Hay (Foin Coupe), Imitation No. 1

New Mown Hay (Fon Coupe), Imitation No. 2

New Mown Hay (Foin Coupe), Imitation No. 3

Opoponax, Imitation No. 1

Opoponax, Imitation No. 2

Opoponax, Imitation No. 3

Opoponax, Imitation No. 4 (for Soap)

Orange Blossom, Bouquet (for Soap)

Orange Flower, Imitation No. 1

Orange Flower, Imitation No. 2

Orange Flower, Imitation No. 3

Orange Flower, Synthetic No. 4

Orchid, Imitation

Orris Root, Extract (Natural)

Orris Root, Florentine

Orris Root, Synthetic

Pathouli, Imitation No. 1 (for Soap)

Pathouli, Imitation No. 2 (Ffor Toilet Powder)

Pine, Bouquet (for Soap)

Pine, Imitation No. 1

Pine, Imitation No. 2

Pine Needle

Pine Needle, Siberian, Imitation No. 1

Pine Needle, Siberian, Imitation No. 2

Pine Needle, Siberian, Imitation No. 3

Rose, Bulgarian Type



Rose, For Cream

Rose, For Face Powder No. 1

Rose, For Face Powder No. 2

Rose, Imitation No. 1

Rose, Imitation No. 2

Rose, Imitation No. 3

Rose, Imitation No. 4

Rose, Imitation No. 5 (for Cosmetic Cream)

Rose, Imitation No. 6 (for Soap)

Rose, Imitation No. 7

Rose, Imitation No. 8

Rose, Imitation No. 9 (for Perfume)

Rose, Imitation No. 10

Rose, Imitation No. 11

Rose, Imitation No. 12

Rose, Imitation, No. 13

Rose, Imitation No. 14

Rose, Imitation No. 15

Rose, Imitation No. 16

Rose, Imitation No. 17

Rose, Imitation No. 18

Rose, Imitation No. 19

Rose, Imitation No. 20

Rose Macedone

Rose, Moss

Rose, Oil, Synthetic

Rose, Oriental

Rose Otto

Rose, Synthetic No. 1 (General Base for Rose Odor)

Rose, Synthetic No. 2

Rose, Synthetic No. 3

Rose, Synthetic No. 4 (Milk-Like Compound)

Rose, White

Sandalwood Santal, (for Soap)

Sassafras, for Soap No. 1

Sassafras, for Soap No. 2

Sebacic Acid, Stabilizer for Perfume

Soap, Perfume No. 1

Soap, Perfume No. 2

Soap, Perfume No. 3

Soap, Perfume No. 4

Soap, Perfume No. 5

Sweet Pea, Blossom

Syringa, Imitation No. 1

Syringa, Imitation No. 2

Tobacco for Snuff

Tobacco Perfumes, General Basic Material No. 1

Tobacco Perfumes, General Basic Material No. 2

Tobacco, Strong Odor

Thefl (Clover, Trefoil) (for Soap)

Tuberose, Imitation (for Soap)

Tuberose, Synthetic

Uny Cologne, Perfume Base

Vaporous Perfume, Imitation No. 1

Vaporous Perfume, Imitation No. 2

Vaporous Perfume, Imitation No. 3

Violet, For Face Powder

Violet, Imitation No. 1

Violet, Imitation No. 2

Violet, Imitation No. 3

Violet, Imitation No. 4 (for Soap)

Violet, Imitation No. 5 (for Soap)

Violet, Imitation No. 6

Violet Leaf

Violet, Synthetic

Wall Flower

Winter Green, Imitation (for Soap)

Ylang Ylang, Imitation No. 1

Ylang Ylang, Imitation No. 2

Ylang Ylang, Imitation No. 3

Ylang Ylang, Imitation No. 4

Ylang Ylang, Imitation No. 5

Ylang Ylang, Synthetic No. 1

Ylang Ylang, Synthetic No. 2

## 17. FORMULATIONS OF FLAVOURS

General Method for the Extraction of Natural Flavors from Fresh or Dry Fruits

Neutral Esters Mixture Base

Abbey, Benedictine Type

Absinthe

Advocaat (Advokaat)

Allspice, Oil

Almond, Bitter

Almond, Bitter Essence (Natural)

Almond, Bitter (for Soap)

Almond, Bitter Imitation

Almond, Bitter No. 1

Almond, Bitter No. 2

Almond, Bitter No. 3

Almond, Bitter No. 4

Almond, Bitter No. 5

Almond, Bitter No. 6

Almond, Bitter No. 7

Almond, Bitter, Synthetic No. 1

Almond, Bitter, Synthetic No. 2

Almond, Bitter, Synthetic No. 3

Almond, Bitter Synthetic No. 4

Almond, Imitation

Almond, Milk (Orzata)

Almond, Peach

Angelica, Tincture

Angostura, Bitter

Anise Base

Aniseed

Anisette, Oil No. 1

Anisette, Oil No. 2

Apple, Base

Apple, Essence (Natural) No. 1

Apple, Essence (Natural) No. 2

Apple, Essence (Natural) No. 3

Apple, Essence (Natural) No. 4

Apple, Essence (Natural) No. 5

Apple, Imitation No. 1

Apple, Imitation No. 2

Apple, Imitation No. 3

Apple, Imitation No. 4

Apple, Synthetic No. 1

Apple, Synthetic No. 2

Apple, Synthetic No. 3

Apple, Synthetic No. 4

Apple, Synthetic No. 5

Apple, Synthetic No. 6

Appled, Synthetic No. 7

Apple, Synthetic No. 8

Apple, Synthetic No. 9

Apple, Synthetic No. 10

Apple, Synthetic No. 11

Apple, Synthetic No. 12

Apple, Synthetic No. 13

Apple, Synthetic No. 14

Apricot, Essence (Natural) No. 1

Apricot, Essence (Natural) No. 2

Apricot, Imitation No. 1

Apricot, Imitation No. 2

Apricot, Imitation No. 3

Apricot, Imitation No. 4

Apricot, Imitation No. 5

Apricot, Synthetic No. 1

Apricot, Synthetic No. 2

Apricot, Synthetic No. 3

Apricot, Synthetic No. 4

Apricot, Synthetic No. 5

Aubepine (Hawthorn)

Avocado

Banana, Essence (Natural) No. 1

Banana, Essence (Natural) No. 2

Banana, Imitation No. 1

Banana, Imitation No. 2

Banana, Imitation No. 3

Banana, Imitation No. 4

Banana, Imitation No. 5

Banana, Synthetic No. 1

Banana, Synthetic No. 2

Banana, Synthetic No. 3

Banana, Synthetic No. 4

Banana, Synthetic No. 5

Barbecue

Barbecue Sauce, Hunt Type

Barberry, Essence (Natural)

Benedictine No. 1

Benedictine No. 2

Bergamot, Flavor

Bilberry, Essence (Natural) No. 1

Bilberry, Essence (Natural) No. 2, Red

Bilberry, Essence (Natural) No. 3 Scandinavian Type

Bilberry, Imitation No. 1

Bilberry, Imitation No. 2

Bilberry, Imitation No. 3

Bitter No. 1, Unicum

Bitter No. 2, Spanish

Bitter No. 3, Stomach

Blackberry, Essence (Natural)

Blackberry, Imitation No. 1

Blackberry, Imitation No. 2

Blackberry, Imitation No. 3

Blackberry, Synthetic

Black Cherry

Black Currant

Black Currant, Synthetic

Black Pepper, Imitation No. 1

Black Pepper, Imitation No. 2

Blueberry, Essence (Natural)

Brandy (Cognac) No. 1

Brandy (Cognac) No. 2

Bread, Fresh Roasted Flavor

Butter, Flavor, Imitation No. 1

Butter, Flavor, Imitation No. 2

Butter, Flavor, Imitation No. 3

Butter, Flavor, Imitation No. 4

Butter, Flavor, Imitation No. 5

Butter, Flavor, Imitation No. 6

Butter, Flavor, Synthetic

Butter, Rum

Butterscotch, Imitation No. 1

Butterscotch, Imitation No. 2

Butterscotch, Imitation No. 3

Butterscotch, Imitation No. 4

Butterscotch, Imitation No. 5

Butterscotch, Imitation No. 6

Cacao, Extract (Natural) No. 1, Colorless

Cacao, Extract (Natural) No. 2, Brown

Cacao, Imitation

Cacao, Synthetic

Cake, Flavor No. 1

Cake, Flavor No. 2

Caper, Extract (Natural)

Capsicum, Extract (Natural)

Caramel, Flavor No. 1

Caramel, Flavor No. 2

Caraway, Imitation No. 1

Caraway, Imitation No. 2



Caraway, Imitation No. 3  
Caraway, Imitation No. 4  
Caraway, Imitation No. 5  
Cardamom, Imitation No. 1  
Cardamom, Imitation No. 2  
Carnation, Flavor  
Carrot, Extract (Natural)  
Cascarilla, Tincture  
Cashew, Extract (Natural)  
Cassia, Imitation No. 1  
Cassia, Imitation No. 2  
Cassia, Imitation No. 3  
Cassia, Imitation No. 4  
Cassia, Imitation No. 5  
Cassia, Imitation No. 6  
Cassia, Imitation No. 7  
Cassia, Imitation No. 8  
Cassia, Imitation No. 9  
Champagne, Cedar, Imitation  
Champagne, Flavor  
Chartreuse  
Chartreuse (Liqueur) No. 1  
Chartreuse (Liqueur) No. 2  
Cheese, Blue, Synthetic No. 1  
Cheese, Blue, Synthetic No. 2  
Cheese Roquefort Type

Cheese, Synthetic

Cherimoya, Synthetic

Cherry Black, Essence (Natural)

Cherry Blossom, No. 1

Cherry Blossom No. 2

Cherry Brandy, No. 1

Cherry Brandy, No. 2

Cherry Brandy, Synthetic

Cherry, Imitation No. 1

Cherry, Imitation No. 2

Cherry, Imitation No. 3

Cherry, Imitation No. 4

Cherry, Imitation No. 5

Cherry, Imitation No. 6

Cherry, Imitation No. 7

Cherry, Imitation No. 8

Cherry, Imitation No. 9

Cherry, Imitation No. 10

Cherry, Imitation No. 11

Cherry, Imitation No. 12

Cherry, Imitation No. 13

Cherry, Imitation No. 14

Cherry, Imitation No. 15

Cherry, Imitation No. 16

Cherry, Imitation No. 17

Cherry Red Essence (Natural) Agri

Cherry, Synthetic No. 1

Cherry, Synthetic No. 2

Cherry, Synthetic No. 3

Cherry, Synthetic No. 4

Cherry, Synthetic No. 5

Cherry, Synthetic No. 6

Cherry, Synthetic No. 7

Cherry, Synthetic No. 8

Cherry, Synthetic No. 9

Cherry Wild, Agriot, Synthetic

Chervil, Essence (Natural)

Chocolate, Essence (For Praline Liqueur)

Chocolate, Flavor (Natural)

Chocolate, Flavor, Synthetic

Chocolate, Hardener

Chypre, Base for Bouquet (Aroma of Wine and Liquor)

Cinnamon, Imitation

Citrus Fruits, Extract from Peels

Clove

Coca, Flavor

Cocoa, Essence (Natural)

Coffee, Extract (Natural) No. 1, Brown

Coffee, Extract (Natural) No. 2, Colorless

Coffee, Extract (Natural) No. 3 Brown

Coffee, Extract (Natural) No. 4, Colorless

Coffee, Imitation No. 1

Coffee, Imitation No. 2

Coffee, Imitation No. 3

Coffee, Synthetic

Cognac, Base, Synthetic

Cognac, Imitation No. 1

Cognac, Imitation No. 2

Cognac, Imitation No. 3

Cognac, Imitation No. 4

Cognac, Imitation No. 5

Cognac, Imitation No. 5

Cognac, Imitation No. 6

Cognac, Imitation No. 7

Cola, Imitation No. 1 (Syrup)

Cola, Imitation No. 2 (Syrup)

Cola, Tincture

Coriander, Imitation No. 1

Coriander, Imitation No. 2

Cranberry

Cranberry, Synthetic

Cream Paste

Crystal Beverages

Cucumber, Extract (Natural)

Cucumber Milk (for Cosmetics)

Culinary, Extract (Natural)

Curacao, Imitation No. 1, Liquor Base

Curacao, Imitation No. 2, Liquor Base

Curacao, Imitation No. 3, Liquor Base

Curacao, Imitation No. 4 Liquor Base

Curacao, Imitation No. 5, Liquor Base

Curacao, Imitation No. 6

Currant, Extract (Natural) No. 1

Currant, Extract (Natural) No. 2

Currant, Imitation No. 1

Currant, Imitation No. 2

Currant, Imitation No. 3

Currant, Imitation No. 4

Currant, Imitation No. 5

Currant, Imitation No. 6

Currant, Synthetic No. 1

Currant, Synthetic No. 2

Currant, Synthetic No. 3

Currant, Synthetic No. 4

Currant, Synthetic No. 5

Currant, Synthetic No. 6

Date, Extract (Natural)

Date, Imitation No. 1

Date, Imitation No. 2

Date, Synthetic

Fernet Branca Essence

Fig, Essence (Natural)

Fondant Orgeat Praline

Fortified Extracts from Vegetables

Fruit Extract, Natural Flavor

Fruit Soda

Fungi Extract (Natural)  
Garlic, Extract (Natural)  
Gin, Imitation  
Ginger, Essence (Natural)  
Ginger, Extract (Natural), Gingerine  
Ginger, Imitation No. 1  
Ginger, Imitation No. 2  
Ginger, Imitation No. 3  
Ginger, Imitation No. 4  
Ginger, Imitation No. 5  
Gingergrass (Palmarosa)  
Girofl (Clove), Tincture  
Glace Cake Mix  
Gooseberry, Extract (Natural)  
Gooseberry, Imitation No. 1  
Gooseberry, Imitation No. 2  
Gooseberry, Imitation No. 3  
Gooseberry, Imitation No. 4  
Gooseberry, Imitation No. 5  
Gooseberry, Synthetic No. 1  
Gooseberry, Synthetic No. 2  
Gooseberry, Synthetic No. 3  
Gooseberry, Synthetic No. 4  
Grape, Extract (Natural) No. 1  
Grape, Extract (Natural) No. 2  
Grape, Imitation No. 1  
Grape, Imitation No. 2

Grape, Synthetic No. 1  
Grape, Synthetic No. 2  
Grape, Synthetic No. 3  
Grape, Synthetic No. 4  
Grape, Synthetic No. 5  
Grape, Synthetic No. 6  
Grape, Synthetic No. 7  
Grape, Synthetic No. 8  
Grape, Synthetic No. 9  
Grapefruit, Synthetic  
Green Gage, Extract (Natural)  
Green Gage, Imitation  
Grenadine  
Guava, Extract (Natural)  
Ham, Baked Glaze  
Hazelnut, Extract (Natural)  
Herbal Cream (Celery or any Other Herb)  
Honey, Imitation No. 1  
Honey, Imitation No. 2  
Honey, Imitation No. 3  
Honey, Imitation No. 4  
Honey, Imitation No. 5  
Honey, Imitation No. 6  
Honey, Imitation No. 7  
Honey, Synthetic No. 1  
Honey, Synthetic No. 2 (for Perfumes)

Honey, Synthetic No. 3 (for Perfumes)

Honey, Synthetic No. 4

Honey, Synthetic No. 5

Hop, Extract (Natural)

Hop, Imitation

Hop, Synthetic No. 1

Hop, Synthetic No. 2

Hop, Synthetic No. 3

Huckleberry, Synthetic No. 1

Huckleberry, Synthetic No. 2

Juices, General

Kernel (Nut), General

Ketchup (Catsup), Mushroom Flavor

Ketchup (Catsup), Spice

Ketchup (Catsup), Tomato Flavor

Kummel

Lavender, Flavor

Lemon, Extract (Natural)

Lemon, Imitation No. 1

Lemon, Imitation No. 2

Lemon, Imitation No. 3

Lemon, Imitation No. 4

Lemon, Imitation No. 5

Lemon, Imitation No. 6

Lemon, Imitation No. 7

Lemon, Imitation No. 8

Lemon, Imitation No. 9



Lemon, Imitation No. 10  
Lemon, Imitation No. 11  
Lemon, Imitation No. 12  
Lemon, Imitation No. 13  
Lemon, Imitation No. 14  
Lemon, Imitation No. 15  
Lemon, Imitation No. 16  
Lemon, Powdered (Concentrate)  
Lemon, Synthetic No. 1  
Lemon, Synthetic No. 2  
Lemon, Synthetic No. 3  
Licorice, Root, Extract (Natural)  
Lime, Extract (Natural)  
Lime, Imitation  
Lime, Synthetic No. 1  
Lime, Synthetic No. 2  
Lime, Synthetic No. 3  
Lime, Synthetic No. 4  
Lime, Synthetic No. 5  
Malt, Extract (Natural)  
Malt, Imitation No. 1  
Malt, Imitation No. 2  
Mandarin, Imitation No. 1  
Mandarin, Imitation No. 2  
Mandarin, Imitation No. 3  
Mandarin, Imitation No. 4

Mandarin, Imitation No. 5

Mandarin, Imitation No. 6

Mandarin, Imitation No. 7

Mandarin, Imitation No. 8

Mandarin, Imitation No. 9

Mandarin, Synthetic No. 1

Mango, Extract (Natural)

Mango, Imitation

Maple

Maple, Flavormaple, Syrup

Maraschino, Imitation No. 1

Maraschino, Imitation No. 2

Maraschino, Imitation No. 3

Maraschino, Imitation No. 4

Marshmallow

Mayonnaise

Mayonnaise, Real

Mayonnaise, Spice

Meat, Flavor

Melon, Extract (Natural)

Melon, Imitation No. 1

Melon, Imitation No. 2

Melon, Imitation No. 3

Melon, Synthetic No. 1

Melon, Synthetic No. 2

Melon, Synthetic No. 3

Melon, Synthetic No. 4

Melon, Synthetic No. 5

Melon, Synthetic No. 6

Melon, Synthetic No. 7

Melon, Synthetic No. 8

Mentha, Cream

Milk, Caramel

Mint

Mirabelle

Mirabelle (Plum), Extract (Natural)

Mirabelle (Plum), Imitation

Mirabelle (Plum), Synthetic

Muguet, for Cream

Mulberry, Extract (Natural)

Mulberry, Imitation

Mulberry Synthetic No. 1

Mulberry, Synthetic No. 2

Mulberry, Synthetic No. 3

Mushroom, Imitation No. 1

Mushroom, Imitation No. 2

Nectarine

Noisettee

Nougatine

Nutmeg, Imitation No. 1

Nutmeg, Imitation No. 2

Nutmeg, Imitation No. 3

Nutmeg, Imitation No. 4

Nutmeg, Imitation No. 5

Nuts, Flavor for Pastry

Nuts, Kernels (General Method of Flavor Extraction)

Onion

Onion, Extract (Natural)

Onion, Imitation

Orange, Extract (Natural)

For Orange Bitter Type

For Sweet Orange Type

Orange, Imitation No. 1

Orange, Imitation No. 2

Orange, Imitation No. 3

Orange, Imitation No. 4

Orange, Imitation No. 5

Orange, Imitation No. 6

Orange, Imitation No. 7

Orange, Imitation No. 8

Orange, Imitation No. 9

Orange, Imitation No. 10

Orange, Imitation No. 11

Orange, Imitation No. 12

Orange, Imitation No. 13

Orange, Imitation No. 14

Orange, Synthetic No. 1

Orange, Synthetic No. 2

Orange, Synthetic No. 3

Orange, Synthetic No. 4

Oregano, Type

Peach, Extract (Natural)

Peach, Imitation No. 1

Peach, Imitation No. 2

Peach, Imitation No. 3

Peach, Imitation No. 4

Peach, Imitation No. 5

Peach, Imitation No. 6

Peach, Imitation No. 7

Peach, Imitation No. 8

Peach, Imitation No. 9

Peach, Imitation No. 10

Peach, Imitation No. 11

Peach, Imitation No. 12

Peach, Synthetic No. 1

Peach, Synthetic No. 2

Peach, Synthetic No. 3

Peach, Synthetic No. 4

Peach, Synthetic No. 5

Peach, Synthetic No. 6

Peach, Synthetic No. 7

Peach, Synthetic No. 8

Peach, Synthetic No. 9

Peach, Synthetic No. 10

Peach, Synthetic No. 11

Peach, Synthetic No. 12

Pear, Extract (Natural)

Pear, Imitation No. 1

Pear, Imitation No. 2

Pear, Imitation No. 3

Pear, Imitation No. 4

Pear, Imitation No. 5

Pear, Imitation No. 6

Pear, Imitation No. 7

Pear, Imitation No. 8

Pear, Imitation No. 9

Pear, Imitation No. 10

Pear, Synthetic No. 1

Pear, Synthetic No. 2

Pear, Synthetic No. 3

Pear, Synthetic No. 4

Pear, Synthetic No. 5

Pear, Synthetic No. 6

Pear, Synthetic No. 7

Pear, Synthetic No. 8

Pear, Synthetic No. 9

Pear, Synthetic No. 10

Pear, Synthetic No. 11

Pear, Synthetic No. 12

Pear, Synthetic No. 13

Pear, Synthetic No. 14

Pea, Sweet, Imitation No. 1

Pea, Sweet, Imitation No. 2

Pea, Sweet, Imitation No. 3

Pea, Sweet, Synthetic No. 1

Pea, Sweet, Synthetic No. 2

Peppermint, Imitation No. 1

Peppermint, Imitation No. 2

Peppermint, Imitation No. 3

Peppermint, Imitation No. 4

Peppermint, Imitation No. 5

Peppermint, Imitation No. 6

Persicot, (Peach Kernel Imitation)

Pickle Spice Salts

Pineapple (Ananas) Extract (Natural) No. 1

Pineapple Peels

Pineapple, (Ananas) Extract (Natural) No. 2

Pineapple (Ananas), Imitation No. 1

Pineapple (Ananas), Imitation No. 2

Pineapple (Ananas), Imitation No. 3

Pineapple (Ananas), Imitation No. 4

Pineapple (Ananas), Imitation No. 5

Pineapple (Ananas), Imitation No. 6

Pineapple (Ananas), Imitation No. 7

Pineapple (Ananas), Imitation No. 8

Pineapple (Ananas), Imitation No. 9

Pineapple (Ananas), Imitation No. 10

Pineapple (Ananas), Synthetic No. 1

Pineapple (Ananas), Synthetic No. 2

Pineapple (Ananas), Synthetic No. 3

Pineapple (Ananas), Synthetic No. 4

Pineapple (Ananas), Synthetic No. 5

Pineapple (Ananas), Synthetic No. 6

Pineapple (Ananas), Synthetic No. 7

Pineapple (Ananas), Synthetic No. 8

Pineapple (Ananas), Synthetic No. 9

Pineapple (Ananas), Synthetic No.10

Pineapple (Ananas), Synthetic No.11

Pistachio Nut, Extract (Natural)

Pistachio Nut, Imitation No. 1

Pistachio Nut, Imitation No. 2

Pistachio Nut, Imitation No. 3

Pistachio Nut, Imitation No. 4

Pistachio Nut, Imitation No. 5

Pistachio Nut, Imitation No. 6

Pistachio Nut, Imitation No. 7

Pistachio Nut, Imitation No. 8

Plum, Extract (Natural)

Plum, Imitation No. 1

Plum, Imitation No. 2

Plum, Imitation No. 3

Plum, Imitation No. 4

Plum, Imitation No. 5

Plum, Imitation No. 6

Plum, Synthetic No. 1

Plum, Synthetic No. 2



Plum, Synthetic No. 3

Plum, Synthetic No. 4

Plum, Synthetic No. 5

Plum, Synthetic No. 6

Pomegranate (Grenadine), Imitation No.1

Pomegranate (Grenadine), Imitation No. 2

Pomegranate (Grenadine), Imitation No. 3

Pomegranate (Grenadine), Imitation No. 4

Pomegranate (Grenadine), Imitation No. 5

Pomegranate (Grenadine), Imitation No. 6

Pomegranate (Grenadine), Imitation No. 7

Pomegranate (Grenadine), Imitation No. 8

Pomegranate (Grenadine), Synthetic

Potato, Flavor

Pound Cake, Flavor

Powdered Flavors

Praline Flavor (Crystals)

Prunelle, Extract (Natural)

Quince, Extract (Natural)

Quince, Imitation

Quince, Synthetic No. 1

Quince, Synthetic No. 2

Quince, Synthetic No. 3

Raisin, Synthetic

Raspberry, Extract (Natural) No. 1

Raspberry, Extract (Natural) No. 2

Raspberry, Extract (Natural) No. 3

Raspberry, Imitation No. 1

Raspberry, Imitation No. 2

Raspberry, Imitation No. 3

Raspberry, Imitation No. 4

Raspberry, Imitation No. 5

Raspberry, Imitation No. 6

Raspberry, Imitation No. 7

Raspberry, Imitation No. 8

Raspberry, Imitation No. 9

Raspberry, Imitation No. 10

Raspberry, Synthetic No. 1

Raspberry, Synthetic No. 2

Raspberry, Synthetic No. 3

Raspberry, Synthetic No. 4

Raspberry, Synthetic No. 5

Raspberry, Synthetic No. 6

Raspberry, Synthetic No. 7

Raspberry, Synthetic No. 8

Raspberry, Synthetic No. 9

Raspberry, Synthetic No. 10

Raspberry, Synthetic No. 11

Raspberry, Synthetic No. 12

Raspberry, Synthetic No. 13

Ratafia

Rhodium

Root Beer, Imitation

Rose, Flavor

Rose, Liquor

Rosemary, Chili

Rum, Ether Flavor

Rum, Imitation No. 1

Rum, Imitation No. 2

Rum, Imitation No. 3

Rum, Imitation No. 4

Rum, Imitation No. 5

Rum, Jamaica No. 1

Rum, Jamaica, No. 2

Rum, Oil

Rum, Synthetic No. 1

Rum, Synthetic No. 2

Rum, Synthetic No. 3

Saint John Bread (Carob), Tincture

Sarsaparilla, Imitation No. 1

Sarsaparilla, Imitation No. 2

Sassafras, Imitation No. 1

Sassafras, Imitation No. 2

Sassafras, Imitation No. 3

Sassafras, Imitation No. 4

Sassafras, Synthetic No. 1

Sassafras, Synthetic No. 2

Sauce Flavors

Sauce, Flavor Base

Sauce, Soy Flavor

Savory, Oil No. 1

Savory, Oil No. 2

Scotch, Smoke Type Taste

Smoke, Flavor

Smoke, Flavor for Fish (Seasoning)

Smoke, Flavor for Meat

Spearmint-wintergreen-peppermint No. 1

Spearmint-wintergreen-peppermint No. 2

Spice, Imitation No. 1

Spice, Imitation No. 2

Strawberry, Extract (Natural) No. 1

Strawberry, Extract (Natural) No. 2

Strawberry, Imitation No. 1

Strawberry, Imitation No. 2

Strawberry, Imitation No. 3

Strawberry, Imitation No. 4

Strawberry, Imitation No. 5

Strawberry, Imitation No. 6

Strawberry, Imitation No. 7

Strawberry, Imitation No. 8

Strawberry, Imitation No. 9

Strawberry, Imitation No. 10

Strawberry, Imitation No. 11

Strawberry, Synthetic No. 1

Strawberry, Synthetic No. 2

Strawberry, Synthetic No. 3

Strawberry, Synthetic No. 4

Strawberry, Synthetic No. 5

Strawberry, Synthetic No. 6

Strawberry, Synthetic No. 7

Strawberry, Synthetic No. 8

Strawberry, Synthetic No. 9

Strawberry, Synthetic No. 10 General Base

Strawberry, Synthetic No. 11

Strawberry, Synthetic No. 12

Strawberry, Synthetic No. 13

Syrup, Base for Flavor (Pancake)

Syrup, Simple, Base for Flavor

Tamarind, Extract (Natural)

Tangerine, Extract (Natural)

Tangerine, Imitation No. 1

Tangerine, Imitation No. 2

Tarragon

Tea, Imitation No. 1

Tea, Imitation No. 2

Tea, Natural No. 1

Tea, Natural No. 2

Tea, Natural No. 3

Tobacco Formulas for Improving Flavor and Odor

Species of Natural Tobacco

Tobacco, Chewing, Flavor No. 1

Tobacco, Chewing, Flavor No. 2

Tobacco, Cigarette, Flavor No. 1

Tobacco, Cigarette, Flavor No. 2

Tobacco, Cigarette, Flavor No. 3

Tobacco, Flavor General

Tobacco, Flavor No. 1

Tobacco, Flavor No. 2

Tobacco, Flavor No. 3

Tobacco Flavor No. 4

Tobacco, Flavor No. 5

Tobacco, Flavor No. 6

Tobacco, Flavor No. 7

Tobacco, Flavor No. 8

Tobacco, Flavor No. 9

Tutti Frutti

Valerian, Root, Extract (Natural)

Vanilla

Vanilla, Concentrated Flavor

Vanilla, Flavor No. 1

Vanilla, Flavor No. 2

Vanilla, Flavor No. 3

Vanilla, Imitation No. 1

Vanilla, Imitation No. 2

Vanilla, Beans, Extract (Natural) No. 1

Vanilla Beans, Extract (Natural) No. 2

Vanilla Beans, Imitation

Vanilla Beans, Tincture No. 1

Vanilla Beans, Tincture No. 2

Vanillin, Crystal (Partial)

Vanillin, Flavored Mixture

Vanillin No. 1

Vanillin No. 2 (Ester Mixture)

Vanillin, Super Odor

Vanillin, Water Soluble

Vermouth

Vermouth, Italian Type No. 1

Vermouth, Italian Type No. 2

Vinegar, Spiced

Violet, Flavor

Walnut, Extract (Natural)

Walnut, Flavor For Ketchup

Walnut, Imitation No. 1

Walnut, Imitation No. 2

Walnut, Imitation No. 3

Walnut, Imitation No. 4

Walnut, Imitation No. 5

Walnut, Imitation No. 6

Wintergreen

Wintergreen, Synthetic No. 1

Wintergreen, Synthetic No. 2

Wintergreen, Synthetic No. 3

Woodruff, Extract (Natural)

Woodruff, Imitation

Woodruff, Synthetic No. 1

Woodruff, Synthetic No. 2

Worcestershire Sauce No. 1

Worcestershire Sauce No. 2

## 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.

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