

Production of Flavours and Perfumes with Formulations



Introduction

One of the main challenges Perfumes industry is facing today is the constant need to improve, diversify, update, and create new fragrances that appeal to the diverse consumer segments worldwide. Perfumes as luxury accessory buys are one of the most popular must-have items on the aspirational buyers' list as well.

Perfumes are a mixture of essential oils and aroma compounds along with water and/or alcohol and are used to enhance body odour. The perfumes industry has experienced significant product innovations over the last few years. The use of natural and renewable ingredients is getting good traction.

Apart from traditional perfume packaging methods, perfumes are now available in the form of travel sprays and rollerballs, which is expected to boost the global perfumes market growth over the forecast period.

Starting a perfume business is an endeavor that combines artistic personal expression and business know-how, and if approached correctly, it can result in an excellent profit margin. Perfume making business can be a profitable venture when you are aware of the basic things of the marketing of the product.

Companies in segments such as bakery, confectionery, snack food and beverages that have been ramping up in India, expect their flavour partners to also roll up their sleeves and work alongside. The bulk of growth for flavour companies is coming from emerging markets.



Perfumes and Flavours are a harmonious combination of natural and / or synthetic ingredients essential to lend taste and smell to food, pharmaceutical, personal care, fabric care and household care products, pleasing the senses in totality. Supposing Perfumes and flavours are eliminated from use our, life will become dull and boring, not good enough to live. Thankfully, today Perfumes and flavours are present throughout all levels of product right from an expensive one to the cheapest and play an invaluable role by its performance and signal attributes to take care of this emotional need, stimulating as well as calming or relaxing the user. The flavour and Perfumes industry in India is fragmented, with top global players and local players of various sizes competing in the same marketplace.

Some Indian FMCG companies who use Perfumes and flavours in their products also make their own fragrance blends, by purchasing individual aroma chemicals and mixing them. The Flavour market is highly fragmented. Flavour purchasers may range from multinational companies to big Indian industrial houses to small-scale industrial units to local eateries to even individual homes. This is especially true in case of savoury, bakery and confectionary segments where manufacturing process is simple in comparison to other segments, which use more complex manufacturing technology. Indian FMCG is characterized by intense competition both by multinational companies, organized and unorganized Indian manufacturing setups.

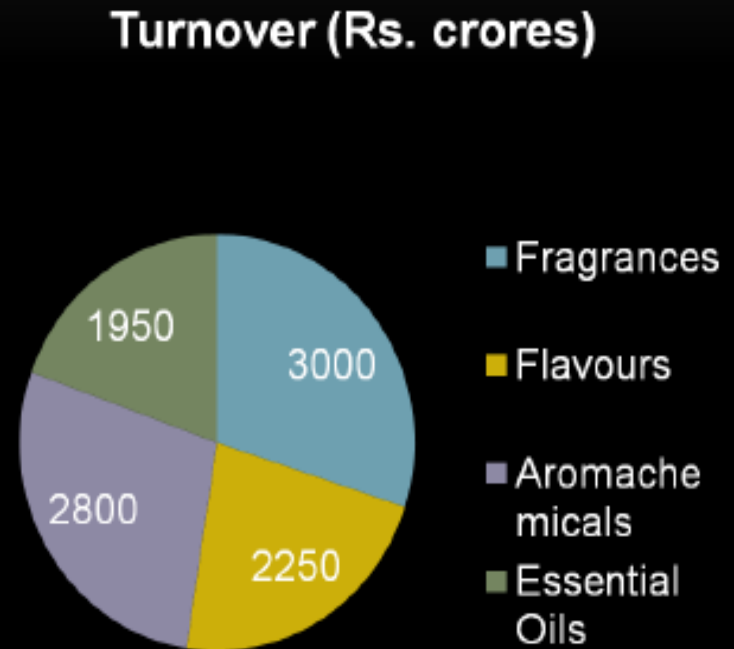
Increasing usage of perfumes among the young population, increasing online retail penetration, product push strategy by key global players, availability of perfumes in different price ranges, and increasing consumer spending on personal and beauty care products are major factors expected to drive the growth of the global perfumes market over the forecast period.

The market for perfumes has a huge potential in India with a lot of players operating in multi-brand outlets as well, besides boutiques or standalone stores. People are nowadays more inclined towards personal hygiene and grooming and perfumes are also slowly becoming integral parts of people's wardrobes. All these factors present a splendid opportunity of growth for the industry. Perfumes are considered to be the key growth products for the Indian market, with younger consumers being the drivers in these areas.

Competition is intense in the P & F industry in terms of quality, price and services rendered to the end user. The competitive edge can only be achieved by use of captive and exclusive ingredient technology that will make ones flavour and Perfume unique and difficult to copy. Traditionally flavours and Perfumes commanded a high price due to the flavourist or perfumer's artistic ability and difficulty in creation. Flavours and Perfumes now have very similar requirements as consumer goods. It too requires investments in marketing and presentation, for commercial success. The ability to function on a truly integrated world scale and service globally will be a key in gaining core listing and long-term contracts mutually beneficial to the P&F houses and the FMCG players.

Break up of Indian Fragrances & Flavours Industry

- Fragrances : Rs. 3000 Crores
- Flavours : Rs. 2250 Crores
- Aroma chemicals : Rs. 2800 Crores
- Essential oils : Rs. 1950 Crores

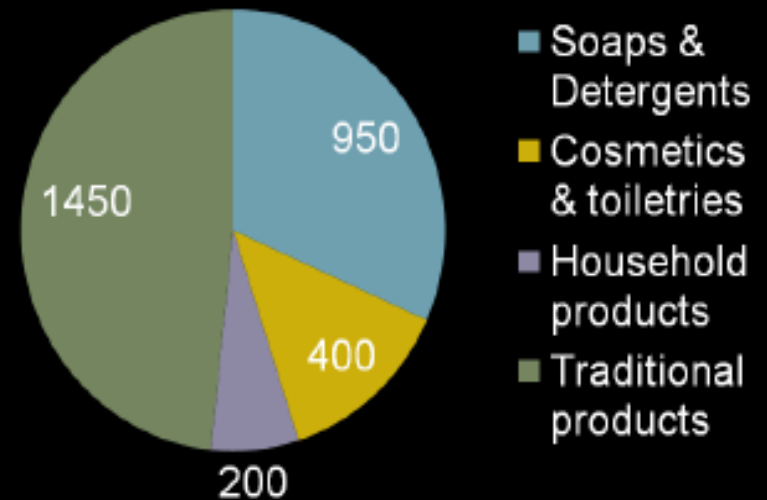


Source: FFDC India

Fragrance Categories

- The fragrance turnover is arrived at based on the data available from various sources.
- Soaps and detergents: Rs 950 Crores
- Cosmetics and toiletries : Rs 400 Crores
- Household products: Rs 200 Crores
- Traditional products: Rs 1450 Crores (This will drastically reduce due to Govt ban)

Sales (Rs, crores)



Source: FFDC India

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Orange flower and Neroli

Violet

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Broom

Carnation

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Fougere (Fern)

Gardenia

Hawthorn

Heliotrope

Honeysuckle

Hyacinth

Iris
Lilac
Lily-of-the-Valley
Linden (Lime Blossom)
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Mignonette (Reseda)
Mimosa
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Opopanax
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Pansy
Peony
Phlox
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Verbena

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3. SOPHISTICATED PERFUMES

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The Uses of Perfumes

Perfumes for Soaps

Perfuming Synthetic Detergents

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Perfuming the Air

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Perfuming Cosmetics

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Perfuming Creams

Perfuming Powders

Perfuming Lipstick and Nail Lacquer
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
And Many Other Uses...
Flavours as Perfumes

6. ESSENTIAL OILS USED IN PERFUMES

Almond, Bitter
Ambergris (Tincture)
Ambrette, Seed

Angelica, Root
Angelica, Seed
Angostura
Anise, Seed
Anise, Star
Artemisia
Asarum
Asafoetida (Resinoid)
Balm
Basil, Sweet
Bay
Beeswax (Absolute)
Benzoin, Siam (Resinoid)
Benzoin, Sumatra (Resinoid)
Bergamot
Birch, Tar
Boronia (Absolute)
Broom (Absolute)
Bruyere (Absolute)

Buchu, Leaf
Cabreuva
Cade
Cajeput
Calamus
Calendula (Concrete, Absolute)
Camphor
Cananga
Caraway
Cardamom
Carrot
Cascarilla
Cassia
Cassie (Concrete, Absolute)
Castoreum
Cedarleaf
Cedarwood
Celery

Chamomile, German
Chamomile, Roman
Champaca (Concrete, Absolute)
Chenopodium
Cinnamon, Bark
Cinnamon, Leaf
Cistus (Resinoid)
Citronella
Civet (Absolute)
Clary Sage (Absolute)
Clove Bud
Clove Leaf
Copaiba Balsam
Coriander
Costus
Cravo
Cubeb
Cumin
Curcuma

Cypress

Davana

Dill

Dwarf Pine

Elemi (Resinoid)

Estragon

Eucalyptus Citriodora

Eucalyptus Dives

Eucalyptus Globulus

Eucalyptus Staigeriana

Fennel Bitter (Wild)

Fennel Sweet

Fenugreek (Resinoid)

Fir Needle

Fir Needle, Siberian

Fleabane

Flouve

Galbanum (Resinoid)

Gardenia

Garlic
Geranium
Ginger
Gingergrass
Grapefruit
Guaiacwood
Gurjun (Balsam)
Helichrysum (Concrete, Absolute)
Hop
Hyacinth (Absolute)
Hyssop
Jasmine (Absolute)
Juniper Berry
Laurel
Lavandin
Lavender
Lemon
Lemongrass

Lime
Linaloe Wood
Litsea Cubeba
Lovage
Mace
Mandarin
Marjoram
Mate (Absolute)
Mentha Citrata
Mignonette (Absolute)
Mimosa (Concrete, Absolute)
Monard
Musk (Tincture)
Mustard
Myrrh (Resinoid)
Myrtle
Narcissus (Concrete, Absolute)
Nepeta
Neroli

Nutmeg
Oakmoss (Resinoid, Absolute)
Olibanum (Resinoid)
Onion
Opopanax (Resinoid)
Orange Bitter
Orange Flowers (Concrete, Absolute)
Orange Sweet
Oregano
Orris
Osmanthus (Concrete, Absolute)
Palmarosa
Parsley
Parsnip
Patchouli
Pennyroyal
Pepper, Black
Peppermint, Arvensis
Peppermint, Piperita
Perilla

Peru Balsam
Petitgrain
Pimento
Pine
Pine Needle
Rose (Concrete, Absolute)
Rosemary
Rosewood
Rue
Saffron
Sage
Sandalwood
Sarsaparilla
Sassafras
Savin
Savory
Silver Fir Needle
Spearmint
Spike Lavender

Spruce
Storax (Resinoid)
Tagetes
Tamarind
Tansy
Thyme
Tobacco (Absolute)
Tolu Balsam (Resinoid)
Tonka Beans (Absolute)
Treemoss (Resinoid, Absolute)
Tuberose (Concrete, Absolute)
Turpentine (Rectified)
Valerian
Vanilla (Resinoid)
Vassoura
Verbena
Vetiver
Violet (Concrete, Absolute)
Wallflower

Wintergreen

Wormseed

Wormwood

Woodruff

Ylang Ylang

7. SYNTHETIC ODORANTS

Introduction

Materials Employed as Odorants

8. CHEMICALS USED IN FLAVOURS AND PERFUMES

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

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
Cuminic Aldehyde
Cymol
Dimethyl Benzyl Carbinyl Acet Ate
Dimethyl Octanol
Dimethyl Phenyl Carbinyl Acetate
Diphenyl Oxide
Epoxy Linalyl Acetate
Ethyl Acetoacetate
Ethyl Alcohol
Ethyl Anisate
Ethyl Anthranilate
Ethyl Benzoate
Ethyl Caproate
Ethyl Cinnamate
Ethyl Formate

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

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

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

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
Santalyl Acetate
Santene
Sebacic Acid
Skatole
Styralyl Acetate
Styrol

Succinic Acid
Tannic Acid
Tartaric Acid
Terpineol
Terpinyl Acetate
Terpinyl Formate
Terpinyl 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

γ -nonalactone

Phenylacetaldehyde

Phenyl Acetic Acid

Phenyl Ethyl Acetate

Phenyl Ethyl Alcohol

Rose Crystals

Rose Oxide

Terpineol

γ -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

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 Oenanthatate
Ethyl Pelargonate
Ethyl Propionate
Ethyl Sebacate
Ethyl Valerate
Eugenol
Geraniol
Geranyl Acetate
Geranyl N-butyrate
Heliotropin
Heptylic Aldehyde
Hydrocinnamic Aldehyde
Hydroxycitronellal
Ionone

Iron
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

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
Rhodiny Acetate
Rhodiny Butyrate
 α -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

Dlethyl 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

β -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

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
Angelic, 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, Falvor (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
Current, 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
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, 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
Potato, Flavor
Pound Cake, Flavor
Powdered Flavors
Praline Flavor (Crystals)
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

Art of flavour-making, Book of flavours with formulations, Book of perfumes with formulations, Business guidance for flavours industry, Business guidance for perfumes industry, Business Plan for a Startup Business, Essential oil perfume spray, Flavor and Fragrance Market in India, Flavor Formulations, Flavor making Formulas, Flavor Making Small Business Manufacturing, Flavour and fragrance companies in India, Flavour and Fragrance Cosmetics Business, Flavour and Fragrance Industry, Flavouring Formulation, flavours and perfumes manufacturing Business, flavours making machine factory, Flower perfumes, Formulas for Flavours, Formulating a synthetic perfume, Formulation & preparation of flavours, Formulation and Production of Flavour, Formulation of perfume, Fragrance formulas, Fragrance industry in India, Fragrances and Flavours – Opportunities & Challenges, How perfume is made, How to Make a Natural Perfume, How to make perfume from flowers, How to Make Perfume Using Flowers, How to Make Perfume with Essential Oils, How to make perfume?, How to Make Your Own Floral Perfume, How to Start a flavours Production Business, How to start a fragrance line, How to Start a Perfume Business, How to start a perfume business in India, How to Start a Perfumes Production Business, How to start a successful flavours and perfumes business, How to Start Perfumes and flavours Industry in India, How to start perfumes and flavours making industry?, Indian fragrance & flavour industry, Indian perfume industry, Is perfume business profitable?, List of perfume industry in India, Make Your Own Perfume with Essential Oils, Making Flowers into Perfume, Making perfume,

Most Profitable Perfumes and flavours Business Ideas, New small scale ideas in flavours manufacturing industry, New small scale ideas in Perfumes manufacturing industry, Opening up the future of flavours in India, Perfume aromatics, Perfume business, Perfume business ideas, Perfume business in India, Perfume business opportunity, Perfume business plan, Perfume business start up, Perfume Formulas, Perfume formulations, Perfume Fragrance Scents Flavour, Perfume from essential oils, Perfume from flowers, Perfume making Formulas, Perfume making formulations, Perfume making machine factory, Perfume Making Small Business Manufacturing, Perfume Making Small Business Opportunity, Perfume Manufacturing Guide, Perfume manufacturing process, Perfume manufacturing techniques, Perfumer flavorist, Perfumery Business, Perfumes and flavours Industry in India, Perfumes and Flavours Technology book, Profitable small and cottage scale industries, Profitable Small Scale flavours and perfumes manufacturing, Recipes for perfumes using essential oils, Setting up and opening your flavours Business, Setting up and opening your Perfumes Business, Setting up of flavours Production Units, Setting up of perfumes Production Units, Small scale Commercial flavours and perfumes making, Small scale flavours production line, Small Scale Perfumes and flavours Projects, Small scale Perfumes production line, Small Start-up Business Project, Start a Perfume Business, Starting a Perfumes and flavours Business, Start-up Business Plan for flavours industry, Start-up Business Plan for perfumes industry, Use Essential Oils for Perfume, What is the process of making perfume

Niir Project Consultancy Services (NPCS)
can provide Process Technology Book on
Perfumes and Flavours

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NIIR PROJECT CONSULTANCY SERVICES

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Who are we?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*

We at NPCS want to grow with you by providing solutions scale to suit your new operations and help you reduce risk and give a high return on application investments. We have successfully achieved top-notch quality standards with a high level of customer appreciation resulting in long lasting relation and large amount of referral work through technological breakthrough and innovative concepts. A large number of our Indian, Overseas and NRI Clients have appreciated our expertise for excellence which speaks volumes about our commitment and dedication to every client's success.



We bring deep, functional expertise, but are known for our holistic perspective: we capture value across boundaries and between the silos of any organization. We have proven a multiplier effect from optimizing the sum of the parts, not just the individual pieces. We actively encourage a culture of innovation, which facilitates the development of new technologies and ensures a high quality product.



What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Business Plan*
- *Industry Trends*
- *Market Research Reports*
- *Technology Books and Directory*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*

How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*

Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

Who do we serve?

- *Public-sector Companies*
- *Corporates*
- *Government Undertakings*
- *Individual Entrepreneurs*
- *NRI's*
- *Foreign Investors*
- *Non-profit Organizations, NBFC's*
- *Educational Institutions*
- *Embassies & Consulates*
- *Consultancies*
- *Industry / trade associations*

Sectors We Cover

- *Ayurvedic And Herbal Medicines, Herbal Cosmetics*
- *Alcoholic And Non Alcoholic Beverages, Drinks*
- *Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin*
- *Activated Carbon & Activated Charcoal*
- *Aluminium And Aluminium Extrusion Profiles & Sections,*
- *Bio-fertilizers And Biotechnology*
- *Breakfast Snacks And Cereal Food*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*

- *Bamboo And Cane Based Projects*
- *Building Materials And Construction Projects*
- *Biodegradable & Bioplastic Based Projects*
- *Chemicals (Organic And Inorganic)*
- *Confectionery, Bakery/Baking And Other Food*
- *Cereal Processing*
- *Coconut And Coconut Based Products*
- *Cold Storage For Fruits & Vegetables*
- *Coal & Coal Byproduct*

- *Copper & Copper Based Projects*
- *Dairy/Milk Processing*
- *Disinfectants, Pesticides, Insecticides, Mosquito Repellents,*
- *Electrical, Electronic And Computer based Projects*
- *Essential Oils, Oils & Fats And Allied*
- *Engineering Goods*
- *Fibre Glass & Float Glass*
- *Fast Moving Consumer Goods*
- *Food, Bakery, Agro Processing*

Sectors We Cover *Cont...*

- *Fruits & Vegetables Processing*
- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha (Biofuel)*
- *Hotel & Hospitability Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*

Sectors We Cover *Cont...*

- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*

Sectors We Cover *Cont...*

- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*

Sectors We Cover *Cont...*

- *Potato And Potato Based Projects*
- *Printing And Packaging*
- *Real Estate, Leisure And Hospitality*
- *Rubber And Rubber Products*
- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
- *Steel & Steel Products*
- *Textile Auxiliary And Chemicals*

Sectors We Cover *Cont...*

- *Township & Residential Complex*
- *Textiles And Readymade Garments*
- *Waste Management & Recycling*
- *Wood & Wood Products*
- *Water Industry(Packaged Drinking Water & Mineral Water)*
- *Wire & Cable*

Contact us

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