

BOTANICAL EXTRACTS & DERIVATIVES

Raw material used for extraction may be either fresh or dry botanical material as available. Typically raw materials comprise leaves, flowers, fruits, seeds, roots, nuts, barks and whole plant matter. These are carefully extracted to optimise the desirable extractives. Extraction may be hot or cold and is generally achieved by either maceration or percolation. The solvent system may be aqueous, alcoholic, glycolic or glycerol or a combination of these. Some products are also extracted/infused into lipoid phase. Multi stage extraction is also possible as are decolourised or colour controlled extracts for applications with colour sensitive parameters in the final product. Strength of extract can usually be tailored to suit the end formulation.

Botanical extracts provide a wealth of therapeutic value and marketing potential and are very much current in today's skin care products. Of particular interest is Inovia's range of Fresh "Fruit" and Fresh "Salad" Infusions. There is almost endless possibility to determine fruit and herb combinations or to develop bespoke multi herb or multi fruit blends.

Many of the raw materials we use for extraction are also offered as dry whole, cut herb and botanicals.

Some extracts are also available as powders or standardised extracts for pharmaceutical, nutraceutical or EFM (concentrated "Extracts For Making").

BP and EP grade extracts are manufactured for pharmaceutical use.

ORGANIC EXTRACTS

Inovia also produces extracts from Organic Certified raw materials, such as

*Cucumber ~ Grapefruit ~ Passion Fruit ~ Peach ~ Pomegranate
Pineapple ~ Raspberry ~ Rhubarb*

Depending on the raw materials and solvent system the extract may be Organic Certified. Examples registered with **The Soil Association** include,

*Organic Pomegranate Extract Hydroalcoholic Fresh
Vivalin Organic Aqueous Flax Extract*

*Inovia welcomes Customers' ideas and is happy to custom develop
Organic Fruit Extractions to suit the needs and demands of the
market place.*

BOTANICALS FOR EXTRACTION / DRY HERB / MEDICINAL HERBS

Acacia	Bogbean	Coconut Milk	Forget Me Not
Acerola	Boldo	Codonopsis	Fo-Ti
Agave	Boneset	Coffee	Foxglove
Agrimony	Borage	Coleus	Frangipani
Alfalfa	Bougainvillea	Coltsfoot	Frankincense
Algae	Brahmi	Comfrey	Freesia
Almond	Bramble	Coneflower	Fringe Tree
Aloe Ferox	Bran	Cordyceps	Fruit
Aloe Vera	Bucchu	Coriander	(Fresh/Variou)
Alpine Herbs	Buckbean	Corn	Fumitory
Angelica	Buckthorn	Cornflower	Galangal
Aniseed	Buckwheat	Cornsilk	Gan Cao
Anthemis	Bugbane	Corydalis	Garlic
Apple	Bugleweed	Cotton	Gentian
Apple Blossom	Burdock	Cotton Flower	Geranium
Apple Mint	Burnet Rose	Cotton Seed	Ginger
Apricot	Burnet Saxifrage	Couch Grass	Ginkgo Biloba
Arachis	Butcher's Broom	Cowslip	Ginseng:
Arbor Vitae	Butterbur	Crab Apple	Korean
Arnica	Butternut	Cramp Bark	America
Arrowroot	Cactus	Cranberry	Siberian
Artichoke	Cajeput	Cranesbill	Goats Rue
Ashwaganda	Calamus	Crocus	Gold Of Pleasure
Asparagus	Calendula	Cucumber	Gold Thread
Asthma Weed	Camellia	Culvers Root	Goldenrod
Astragalus	Cang Zhu	Cumin	Goldenseal
Avens	Cape Aloe	Curcuma	Gotu Kola
Avocado	Capsicum	Cypress	Gou Qi Zi
Babasu	Caraway	Daffodil	Grape
Bai Shao	Cardamom	Daisy	Grapefruit
Bai Zhu	Carob	Damiana	Grapeseed
Balm Mint	Carrot Seed	Damson	Gravel Root
Balm Of Gilead	Carrot	Dan Shen	Ground Ivy
Balmony	Cascara	Dandelion	Guarana
Bamboo	Cassia	Dang Shen	Guava
Bana	Catechu	Date	Guggul
Barberry	Catmint	De Zao	Hawkweed
Barley	Catnip	Dead Sea	Hawthorn
Basil	Cats Claw	Salt/Minerals	Hayflower
Bay	Cayenne Pepper	Deadnettle	Hazel
Bay Rum	Cedar Leaf	Devil's Claw	Hazelnut
Bayberry	Cedarwood	Devil's Club	He Shou Wu
Bearberry	Centaury	Dewberry	Heartsease
Beech	Centella	Dock	Helichrysum
Bees Pollen	Chai Hu	Dog Rose	Henbane
Belladonna	Chamomile	Dogwood	Henna
Benzoin	Matricaria	Jamaican	Hibiscus
Berberis	Roman	Dong Quai	Holly
Bergamot	Chaste Tree	Echinacea	Hollyhock
Beth Root	Cherry	Angustifolia	Holy Basil
Bilberry	Chestnut	Purpurea	Honey
Birch	Chickweed	Elder	Hops
Bistort	Chicory	Elecampane	Horehound
Bittersweet	Chlorella	Eleuthero	Horsechestnut
Black Catechu	Chrysanthemum	Elm	Horseradish
Black Cohosh	Chuan Xiong	Eucalyptus	Horsetail
Black Haw	Cinchona Bark	Eucommia	Huang Lian
Black Horehound	Cinnamon	Euphorbia	Huang Qin
Black Walnut	Cinquefoil	Euphrasia	Hydrangea
Black Willow	Clary Sage	Evening Primrose	Hypericum
Blackberry	Cleavers	Eyebright	Hyssop
Blackcurrant	Clematis	False Unicorn	Iceland Moss
Bladderwrack	Clementine	Fang Feng	Ipecacuana
Blessed Thistle	Clove	Fennel	Iris
Blood Root	Clover	Feverfew	Irish Moss
Blue Cohosh	Cocoa	Fig	Ivy
Blue Flag	Cocoa Butter	Figwort	Jaborandi
Blueberry	Coconut	Fir	Jambu

Japan Green Tea
 Jasmin
 Jujube
 Juniperberry
 Kanuka
 Kelp
 Kidney Bean
 Kiwi
 Kola Nut
 Kumquat
 Ladies Mantle
 Laminaria
 Lavender
 Lemon
 Lichen
 Lignum Vitae
 Lilac
 Lily
 Lime
 Linden Blossom
 Ling Zhi
 Liquorice
 Lemon Thyme
 Lemongrass
 Locust Bean
 Loganberry
 Loofah
 Lotus Flower
 Lovage
 Lychee
 Lycium
 Ma Huang
 Macadamia
 Magnolia
 Maidenhair
 Maidenhair Fern
 Maitake
 Mallow
 Malt
 Mandarin
 Mango
 Manuka
 Maple
 Marigold
 Marjoram
 Marshmallow
 Mate
 Matricaria
 Meadowfoam
 Meadowgrass
 Meadowsweet
 Melilot
 Melissa
 Milfoil
 Milk Thistle
 Mimosa
 Mint
 Mistletoe
 Moss
 Motherwort
 Mountain Ash
 Mu Dan Pi
 Mugwort
 Muira Puama
 Mulberry
 Mullein
 Mushroom
 Musk Mallow
 Myrtle
 Nasturtium
 Nectarine
 Neroli
 Nettle
 Noni
 Nut Grass
 Oak
 Oatseed
 Oatstraw
 Old Man's Beard
 Olibanum
 Onion
 Orange Bitter
 Orange Blossom
 Orange Sweet
 Orchid
 Oregon Grape
 Origanum
 Osha
 Palmarosa
 Pansy
 Papaya
 Parsley
 Partridge Berry
 Passionfruit
 Patchouli
 Pau D'arco
 Paullinia
 Paw Paw
 Peach
 Peach Nut
 Peanut
 Pellitory Of The
 Wall
 Pennyroyal
 Pennywort
 Peony
 Peppermint
 Perilla Seed
 Periwinkle
 Peru Balsam
 Peruvian Bark
 Petitgrain
 Pilewort
 Pimento
 Pine
 Pistachio
 Plantain
 Pleurisy Root
 Poke Root
 Pomegranate
 Pomello
 Poplar
 Poppy Seed
 Potentilla
 Prickly Ash
 Prickly Pear
 Primrose
 Primula
 Propolis
 Pulsatilla
 Pumpkin
 Quassia
 Queens Delight
 Quillaia
 Raspberry
 Raspberry Leaf
 Red Clover
 Red Yeast Rice
 Redcurrant
 Reishi
 Rhatany
 Rhubarb
 Rice
 Rocket
 Rosemary
 Rose
 Rose Damask
 Rose De Mai
 Rose Mallow
 Rosehip
 Rosewood
 Rou Gui
 Rowan
 Royal Jelly
 Rue
 Sacred Bark
 Safflower
 Sage
 Salad
 (Fresh/Variou
 Sandalwood
 Saponaria
 Sarsaparilla
 Satsuma
 Saw Palmetto
 Schizandra
 Sea Lavender
 Sea Minerals
 Seaweed Mixed
 Senega
 Senna
 Sesame
 Shan Yao
 Shan Zhu Yu
 Sheep Sorrel
 Sheng Ma
 Shepherd's Purse
 Shitake
 Shu Di Huang
 Skullcap
 Skunk Cabbage
 Slippery Elm
 Small Flowered
 Willow
 Snakeroot
 Sorrel
 Southernwood
 Soybean
 Spearmint
 Speedwell
 Spinach
 Spirulina
 Spruce
 Squills
 St John's Wort
 Starflower
 Starfruit
 Stephania
 Stephanotis
 Stevia
 Stoneroot
 Strawberry Leaf
 Sugar Cane
 Sunflower
 Sweet Briar
 Sweet Flag
 Sweet Gale
 Sweet Pepper
 Sweet Violet
 Tamarind
 Tansy
 Tarragon
 Tea Black
 Tea Green
 Tea White
 Thyme
 Tienchi
 Tolu Balsam
 Tomato
 Tuberoses
 Turmeric
 Valerian
 Vanilla
 Verbena
 Vine Leaf
 Violet Leaf
 Wahoo
 Walnut
 Watercress
 Watermelon
 Watermint
 Wei Ling Xian
 Wheatgerm
 White Willow
 Wild Carrot
 Wild Indigo
 Wild Lettuce
 Wild Yam
 Willowherb
 Wisteria
 Witchazel
 Wood Betony
 Woodruff
 Woodsage
 Wormwood
 Wu Wei Zi
 Xiang Fu
 Yam
 Yan Hu Suo
 Yarrow
 Yellow Dock
 Yerba Mansa
 Ylang Ylang
 Yohimbe
 Yucca
 Zedoary

Extracts may be Aqueous / Glycolic / Alcoholic / Oil / Glycerol as appropriate.
 Please enquire for anything not listed!

Many fruit products can also be offered as standardised fruit juice concentrates and some as pulps / purees. Elderflower is very much a speciality as both a concentrate and as an aqueous extraction.

Inovia also produces "Floral Waters" which are aqueous phase products arising either from solubilisation ("hydrosols") or as distillate waters ("hydrolats"). These are generally standardised to provide improved shelf life and stability performance. Witch Hazel is also a key item and is offered as a distillate or as an extract in whatever format is required.

FLORAL WATERS

*Chamomile
Cornflower
Elderflower
Elderflower Triple
Honeysuckle
(synthetic)*

*Honey
Jasmin
Lavender
Orange Flower
Peppermint
Rosemary*

*Rosewater
Rosewater Triple
Sweet Orange
Tea Tree
Witchazel Distillate BP*

EXTRACTS FOR ANTIOXIDANT / ANTIMICROBIAL USE

Grapefruit Seed Extract

Rosemary Extract

SPECIALITIES

Aloe Vera

Quassia

Quillaia

Yucca

FRUIT JUICE CONCENTRATES AND PUREES

*Acerola
Apple
Apricot
Banana
Blackberry
Blackcurrant
Blueberry
Boysenberry
Cashew Apple
Crab Apple
Cranberry
Elderflower
Gooseberry
Grape
Grapefruit*

*Guava
Kiwi
Lemon
Lime
Loganberry
Lychee
Mandarin
Mango
Melon
Orange
Papaya
Passionfruit
Peach
Pear
Pineapple*

*Plum
Pomegranate
Quince
Raspberry
Redcurrant
Rhubarb
Rosehip
Rowanberry
Sloe
Sour Sop
Strawberry
Tomato
Watermelon*

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