



# **Botanical Extracts, Oleoresins & Phytochemicals**



**S.A. HERBAL  
BIOACTIVES LLP**

Manufacturers : Botanical extracts | Oleoresins | Phytochemicals

# ABOUT US

*Growing with Herbs...*

*What started 140 years ago as a unit as tiny as a herb is today a business spreading over 30 countries, Jairamdas Khushiram - Manufacturers of Herbs, Spices and Herbal Extracts an ISO, GMP, Kosher, Halal, Organic certified Unit. We are ingredient supplier to Pharmaceutical, Dietary Supplement, Food, Health care, Ayurvedic and Cosmetics industry, and also render customized development and production service to meet our customer needs.*

*A fifth generation, family-owned company established in 1875, Jairamdas Khushiram, grows today because of our quality and commitment to this business and hence, have a history of strong relationships with our customers. We have been exporting more than 500 varieties of herbs. We also import herbs and have acquired a reputation for sourcing and supplying rare herbs throughout the year, to meet our customer needs.*

## Excellence In Quality

Our organisation has set up a state of the art Analytical Laboratory to carry out various types of analysis as well as R&D work related to Herbal products. It is equipped with the latest high performance instruments such as HPLC, UV visible spectrophotometer etc. to meet customers satisfactions.



ISO 9001:2008  
CERTIFIED



# Processing Unit

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Across an area of **40,000 sq ft** we have our own processing cum warehouse unit with cleaning and grading plant, size reduction machines for cuts and powders, Hydraulic baling press, dryer, roasting machines etc.

Herbs are stored in our own **4000 M/T** refrigerated warehouse to maintain the colour and aroma of the products.



# Extraction Unit

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The manufacturing facility is situated in Pithampur, near Indore, Madhya Pradesh in a 3 acre plot. It is fully equipped with the state-of-the art machinery like rotary extractor, falling film evaporator, reactor, spray dryer, Vacuum Tray Dryer, Fluidized Bed Dryer etc.

This facility can process **1000 - 2000 MT** of raw herbs per year. The finishing operations are carried out in clean room under class **1,00,000** to deliver quality products.

Our global R.M. sourcing network is designed to source the best quality raw materials at the right time, at a highly competitive price. We have a well equipped raw herb processing unit and a spacious refrigerated ware house to ensure the quality of the input.

The vast experience and expertise of our production team ensures that the production processes and the products meet market- specific regulations worldwide and strictly conforms to various customer- specific requirements.



## BOTANICAL EXTRACTS

S.N	PRODUCT NAME	ASSAY	USES
1	Acacia concinna (Shikakai)	Saponins > 30.0 %	In Shampoos, Soaps
2	Adhatoda vasica (Vasaka leaves)	Vasicine > 1 % Alkaloids > 1 %	As Expectorant
3	Aegle marmelos (Bael fruit)	Tannins > 6 %	Anti-Dysentric, Antidiabetic
4	Allium sativum (Garlic)	Allicin > 1.0 %	Promotes Skin Healing, Anticholesteremic, Lowers High BP and Blood Cholesterol
5	Andrographis paniculata (King of Bitters)	Andrographolide 10 % - 20 %	Hepatoprotectant
6	Apium graveolens seed (Celery Seed)	Volatile Oil > 2 %	Anti-Spasmotic, Carminative
7	Artemisia dracunculus (Tarragon)	Saponins > 20 %	Febrifuge, Digestive
8	Asparagus racemosus (Indian Asparagus)	Saponins 20 % - 50 %	Galactogogue, Tonic, Immuno-Modulator
9	Asphaltum (Mineral Pitch , Shilajit)	Fulvic acids > 40 %	Detoxificant, Rejuvenating Tonic
10	Azadirachta indica (Margosa Tree, Neem Tree)	Bitters 2.5 % - 5.0 %	Dental Hygiene, Blood Purifier, Skin Disorders, Insecticides
11	Bacopa monnieri (Neer Brahmi)	Bacoside 20 % - 50 % Saponins > 40 %	Memory Stimulant
12	Berberis aristata (Indian Barberry)	Berberin 8 % - 98 %	Emmenagogue, Reduces Fever
13	Boerhaavia diffusa (Spreading Hog Weed)	Alkaloids > 0.1 %	Diuretic
14	Boswellia serrata (Indian Olibanum)	Total Boswellic Acid 20 % - 90 % AKBA 20 % - 90 %	Anti-Arthritic, Anti-Inflammatory
15	Caralluma fimbriata (Caralluma)	Pregnane Glycosides 10 % - 40 %	Appetite Suppressant, Blood Sugar Lowering & Weight Loss Properties
16	Carica Papaya (Papaya)	Flavonoids > 2 %	Useful in Dengue / Helps to Increase Platelet, Digestive
17	Cassia angustifolia (Senna Leaves / Pods)	Sennosides 10 % - 60 %	Laxative
18	Cassia fistula (Indian Laburnum, Amaltas)	Mucilage > 20.0 %	Good For Skin Diseases, Mild Laxative
19	Centella asiatica (Gotu kola)	Triterpenes 10 % - 30 % Saponins > 40 %	Brain Tonic, Improves Blood Circulation
20	Chlorophytum borivilianum (White Musli)	Saponins 20 % - 40 %	Tonic, Good for Vigour & Vitality
21	Cinchona ledgeriana	Quinine Sulphate > 99 %	Anti-Malarial
22	Cinnamomum cassia (Dalchini)	Volatile Oil > 2 %	Anti-Inflammatory, Nerve Stimulant
23	Cissus quadrangularis (Bone-Setter)	3-keto-Steroids > 2.5 %	Bone Setter



24	Coffea robusta /arabica	Caffeine > 98 %	Central Nervous System Stimulant
25	Coleus forskohlii (Coleus Roots)	Forskohlin 10 % - 95 %	Anti-Obesity, Hypotensive
26	Commiphora mukul (Guggul)	Guggulsterones > 2.5 %, (HPLC) Guggulsterones > 10 %, (UV)	Anti-Cholesteremic, Anti-Inflammatory
27	Convolvulus pluricaulis (Shankhpushpi)	Alkaloids > 0.5 %	Memory Tonic, Anti-Anxiety
28	Corynanthe yohimbe (Yohimbe Bark)	Yohimbine 2 % - 98 %	Treatment for Male Impotence
29	Crataeva nurvula (Three Leaved Caper, Varuna Bark)	Saponins > 10.0 %	Lithotriptic, Urinary Problems
30	Curcuma longa (Turmeric Rhizomes)	Curcuminoids 10 % - 95 %	Skin Creams, Lotions, Anti-Oxidant, Anti-Inflammatory
31	DGL (De-glycyrrhizinated licorice)	Glycyrrhizin > 3 %	Antioxidant, Anti-Inflammatory
32	Dracaena cinnabari (Dragons Blood)	Alcohol Solubility > 95 %	Astringent, Checks Bleeding
33	Dolichos biflorus (Kulthi)	Saponins > 40.0 %	Anti-Hyperglycemic, Antioxidant
34	Eclipta alba (Bhangra, Bhringraj)	Bitters / Wadelolactone > 3.0 %	External In Shampoos, In Hair Oil & Internally - Liver Tonic
35	Emblica officinalis (Indian Gooseberry, Amla)	Tannins 20 % - 50 % Gallic Acid > 2 %	Antioxidant
36	Eugenia jambolana (Jamun Beej)	Bitters > 5 %	Antioxidant, Helps in Sugar Metabolism
37	Garcinia cambogia (Kokum)	Hydroxy Citric Acids 50 % & 60 % (HPLC)	Weight Management, Astringent, Coolant
38	Garcinia mangostana (Mangosteen)	Mangosteen > 40 %	Astringent, Antioxidant
39	Gloriosa superba seeds	Thiocolchicoside > 99 %	Muscle Relaxant
40	Gloriosa superba seeds	Colchicine > 99 %	Anti-Gout, Cholagogue
41	Green coffee bean	Chlorogenic acid > 50 % Caffeine 2 % - 5 %	Antioxidant, Refresher, Helps in Weight Loss
42	Green tea (Camellia sinensis)	Polyphenols > 40 % Total Tannins > 60 %	Stimulant, Bronchodilator, Antioxidant
43	Glycyrrhiza glabra (Liquorice Root)	Glycyrrhizin 10 % - 40 % Glycyrrhizin > 8 % (HPLC)	Antiinflammatory, Expectorant, Demulcent
44	Gymnema sylvestre (Gymnema Leaves)	Gymnemic Acids 25 % - 75 % Gymnemic Acids 10 % - 20 % (HPLC)	Antidiabetic, Mild Diuretic
45	Hemidesmus indicus (Indian Sarasaparilla)	Saponins > 30 %	Demulcent, Coolant, Blood Purifier
46	Lagerstroemia speciosa (Banaba Leaves)	Tannins > 20 % Corosolic Acid > 1.0 %	Antidiabetic
47	Momordica charantia (Bitter Gourd)	Bitters 2.5 % - 5 %	Antidiabetic, Blood Purifier, Useful in Hepatitis
48	Morinda citrifolia (Noni, Indian Mulberry)	Total glycosides as Morindin > 2.0 %	Stimulant, Removes Blockages, Mild Laxative



49	<i>Moringa oleifera</i> (Drum Stick Leaves)	Alkaloids 0.5 % - 1.1 %	Emmenagogue, Anti-Inflammatory, Joint Pain
50	<i>Mucuna pruriens</i> (Cowhage Seeds)	L-Dopa > 20.0 %	Tonic, Anti-Parkinsonian
51	<i>Nigella sativa</i> (Kalonji)	Fixed Oil > 0.5 %	Anti-Helminthic, Stomachic, Carminative
52	<i>Ocimum sanctum</i> (Holy Basil, Tulsi)	Ursolic Acid > 2.5 % Tannins > 10 %	Anti-Viral, Blood Purifier, Immuno-Stimulant
53	<i>Passiflora incarnata</i> (Passion Flower)	Total Flavanoids > 2.0 %	Reduces Stress, Restlessness, Anxiety, Nervousness and Prolongs Sleep
54	<i>Phaseolus vulgaris</i> (White Kidney Bean)	Proteins > 20 %	Tonic, Weight Loss Supplement
55	<i>Phyllanthus niruri</i> (Bhui-amla)	Bitters > 2.0 % Tannins > 20 %	Anti-Hepatotoxic
56	<i>Piper longum</i> (Indian Long Pepper, Pippali)	Piperine 3 % - 10 %	Respiratory Support (Tonic), Thermogenic, Carminative
57	<i>Piper nigrum</i> (Black Pepper)	Piperine 10 % - 95 %	Antioxidant, Carminative, Antiseptic, Stimulates Digestion
58	<i>Pterocarpus marsupium</i> (Indian Kino, Vijaysar)	Flavonoids > 5.0 %	Antidiabetic
59	<i>Pueraria tuberosa</i> (Indian Tuberosa)	Isoflavones > 4.0 %	General Tonic, Refrigerant
60	<i>Punica granatum</i> (Pomegranate Seeds)	Ellagittannins > 2 %	Antioxidant, Good for Intestine
61	<i>Punica granatum</i> (Pomegranate Rind)	Ellagittannins 20 % - 40 %	Antioxidant, Stomachic
62	<i>Quercus infectoria</i> (Majuphal/Oakgalls)	Tannins > 70 %	Astringent
63	<i>Rauwolfia vomitoria</i>	Reserpine > 98 %	Controls Blood Pressure
64	<i>Rheum emodi</i> (Indian Rhubarb)	Anthraquinones > 5.0 %	Blood Purifier, Purgative
65	<i>Rubia cordifolia</i> (Indian Madder)	Flavonoids > 2.0 %	In Skin Disease, Wound Healing
66	<i>Salacia oblonga / reticulata</i> (Salacia Root)	Saponins > 20.0 %	Antidiabetic, Useful in Skin Diseases
67	<i>Sapindus trifoliatus</i> (Soap-Nut)	Saponins > 40.0 %	Antiinflammatory, Antiseptic, Hair Cleanser
68	<i>Saraca indica</i> (Ashoka Tree)	Tannins > 5.0 %	Cures Urinary Infections, Good for Uterus
69	Scammony resin	Ether Solubility > 80 %	Purgative, Cathartic, Diuretic, Hepatic
70	<i>Solanum xanthocarpum</i> (Kantakari)	Alkaloids > 0.4 %	Expectorant
71	<i>Spilanthes oleracea</i>	Alkaloids > 0.2 %	Sialogogue, Useful in Toothache
72	<i>Syzygium jambolanum</i> (Black Plum, Jamun)	Polysaccharides > 30.0 %	Antioxidants, Helps in Sugar Metabolism
73	<i>Tamarindus indica</i> (Tamarind)	Total Acidity as Tartaric Acid 10 % - 14 %	Flavoring Agent, Digestive



74	Terminalia arjuna (Arjuna Myrobalan)	Tannins 5 % - 40 %	Cardiovascular Support
75	Terminalia belerica (Belleric Myrobalan)	Tannins 20 % - 40 %	Detoxifier
76	Terminalia chebula (Chebulic Myrobalan)	Tannins > 40.0 %	Detoxifier
77	Tinospora cordifolia (Tinospora, Guduchi)	Bitters 2 % - 5 % Polysaccharides	Febrifuge, Immuno-Modulator
78	Tribulus terresteris (Caltrops)	Saponins 20 % - 40 % as Protodiocin	Spermatogenic, Kidney Tonic
79	Trigonella foenum graecum (Fenugreek Seeds)	Saponins > 50.0 % 4-hydroxy-isoleucine 5 %	Blood Sugar Suppressant, Useful in Cholesterol & Lipid Management
80	Trikatu (Ginger, Piper longum, Piper nigrum - 1:1:1)	Volatile Oil > 1.0 %	Increases Bio-Availability of Drug
81	Triphala (Terminalia chebula, Terminalia belerica, Emblica officinalis - 1:2:4)	Tannins > 45 %	Detoxificant, Rejuvenating Tonic
82	Valeriana wallichii (Indian Valerian)	Valepotriates > 8.0 % Valerenic acids > 7 %	Sedative
83	Withania somnifera (Ashwagandha, Winter Cherry)	Total Withanolides 2.5 % - 5 %	Sedative, Reduce Stress, In Nervous Disorder, Rejuvenative, Immune Enhancer
84	Zingiber officinale (Ginger)	Gingerols 2 % - 20 %	Anti-Arthritis, Carminative

## OLEORESINS

S.N	PRODUCT NAME	ASSAY	USES
1	Black Pepper	20 % - 40 % Piperine	Indigestion, Constipation, Insomnia, Joint Pain, Preservative
2	Capsicum	6 % - 40 % Capsaicin	Carminative, Antibacterial, External-Analgesic
3	Cardamom	20 % - 60 % VOC	Fever, Digestive & Urinary Complaints Flavoring
4	Celery Seed	10 % - 20 % VOC	Aphrodisiac, Kidney Disorders, Flavoring
5	Coriander	1.5 % VOC	Rheumatism, Digestive, Coolant, Diuretic, Flavoring
6	Cumin Seed	10 % - 30 % VOC	Carminative, Stomachic, Dyspepsia
7	Fennel	5 % VOC	Flavoring
8	Ginger	20 % - 40 % VOC	Flavoring, Carminative, Stomachic & Stimulant
9	Nutmeg	10 % - 60 % VOC	Rheumatism, Nausea, Dysentery, Flavoring
10	Rosemary	10 % - 20 % Carnosic acid	Nerve Stimulant, Depression, Anti-Oxidant
11	Turmeric	10 % - 40 % Curcumin	Skin care, Food Flavoring, Fragrances

VOC = Volatile Oil Content





HEAD OFFICE



REFRIGERATED WAREHOUSE



EXTRACTION UNIT



PROCESSING UNIT



**S.A. HERBAL**  
BIOACTIVES LLP

Manufacturers : Botanical extracts | Oleoresins | Phytochemicals

#### SISTER CONCERN:

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