



APEX BIOTECHNOL

herbs solutions by nature

An ISO 9001:2015, GMP, HACCP Certified Company

COMPANY PROFILE

We are working in the area of development of disease specific Herbal Extract and Enzymes solutions. With an unparalleled and unique combination of technical know-how, skilled resources and quality manufacturing, to open up exciting new avenues and offer products that surpass global standards. Apex Biotechnol's quality is ratified by its exports to USA, Europe, Japan, China, Australia, etc. The company with its strong technical and marketing teams extends unparalleled customer service and builds strong relationships

APEX BIOTECHNOL has a team of experts committed to seeking the finest in nature and brings quality herbal remedies to our clients. Also, we adopt only the state of the art technologies in the industry to give you products with assured quality, safety and efficacy.

Sourcing the best herbal produce available and consistent delivery of top quality products, we provide professional and efficient service while meeting the required high standards of the Health Industry.

We manufacture our products in strict accordance with quality management system during the whole entire production process. "reliable quality and excellent service" is our commitment to every customers, We firmly believe our customer's success is our success. At **APEX BIOTECHNOL** we are always committed to giving our customers the reliable products and services that they expect and deserve.

VISION & MISSION

OUR VISION

Our vision is to be the best in serving our customers and to provide a complete solution for healthy living by producing innovative and premium quality products from natural resources.

OUR MISSION

- Provide highest quality standardized products and services to our clients by adhering to Good Manufacturing Practices as known in the industry
- Introduction of innovative new products from natural resources through continuous research by utilizing advanced technologies
- Operate and grow at a profitable rate by catering to the needs of the ever changing market scenario.

OUR VALUES

- To build long lasting, cherished and trusted relationships by maintaining a level of integrity in the interactions with the clients.
- To adopt the best practices in the industry and follow stringent processes and systems so as to provide assured quality products all year round.
- To provide our employees an environment where they can accomplish their potential and continue to grow in an ambience of excellence.
- To carry out our responsibility towards the environment by supporting and adopting sustainable practices, by building partnership with farmers and Government organization committed to environment, health and sanctity of nature.

MANUFACTURING

Apex Biotechnol is an ISO 9001:2015, HACCP and a WHO-GMP certified company. We are working in the area of development of disease specific Herbal Extract and Enzymes solutions. With an unparalleled and unique combination of technical know-how, skilled resources and quality manufacturing, to open up exciting new avenues and offer products that surpass global standards. Apex Biotechnol's quality is ratified by its exports to USA, Europe, Japan, South Africa, Australia, etc. The company with its strong technical and marketing teams, extends unparalleled customer service and builds strong relationships.

We are a quality system for our manufacturing unit which makes us pioneers in providing better quality phytoextract product to our clients for other product requirements. Quality agreement and other processes which are a requirement for a smooth momentum of a manufacturing facility are maintained and complied. The research and development unit in our facility are utilized to test the product safety. Our suppliers of raw material also follow the Ethical code of conduct that are laid down by the FDA congruently produce an effective cutting edge finished product

The guidance that we follow describes our current thinking on defining, establishing, and documenting the responsibilities that we lay on our suppliers and third party involved in the manufacturing of drugs with the subject to Current Good Manufacturing Practice (CGMP). In particular, we lay guidelines in the product manufacturing and describe how parties that are involved in the facility of preparing of drugs can follow and utilize Quality Agreements to delineate the responsibilities and assure drug quality, safety, and efficacy to the clients.



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Curcumin

Quality Standard : 95.0% Curcumin by HPLC

Biological Name : *Curcuma longa*

Family : *Zingiberaceae*

Other Name : Turmeric, Haldi

Part of Plant used : Rhizomes

Origin : India

Medicinal Use : Anti-inflammatory and Antimicrobial

Chemical

Constituents

: Curcumin
ar-turmerone
 β -sesquiphellandrene
curcumenol
desmethoxycurcumin
bisdesmethoxycurcumin



Senna Extract

Quality Standard : 10%-60% Sennosides by UV/HPLC

Biological Name : *Cassia angustifolia*

Family : *Leguminosae*

Other Name : Cassia, Senna

Part of Plant used : Leaves

Origin : India

Medicinal Use : Mild purgative and Laxative

Chemical

Constituents

: Sennoside A
Sennoside B
Sennoside C
Sennoside D
Tinnevellin glycoside
Fraction of Flavonoid family



Boswellia Extract

Quality Standard : 65%-85% Boswellic acid by Titration

Biological Name : *Boswellia serrata*

Family : *Burseraceae*

Other Name : Salai, Salai guggul

Part of Plant used : Oleo-gum-resin

Origin : India

Medicinal Use : Anti-inflammatory

Chemical

Constituents

: β -boswellic acid
 α -thujene
Eudesmol
11-keto- β -boswellic acid
Acetyl-B-Boswellic Acid
Acetyl-11-Keto-B-Boswellic Acid
Terpinylisobutyrate



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Green Tea Extract

Quality Standard : 50%-95% Polyphenol by UV

Biological Name : *Camellia sinensis*

Family : *Theaceae*

Other Name : Tea

Part of Plant used : Leaves

Origin : India

Medicinal Use : Antioxidant

Chemical Constituents

: α -Linolenic acid
theanine
5-N-ethylglutamine
Stigmasterol
caffeine
theophylline phenolic acids
Gallic acid
Theobromine



Coleus Extract

Quality Standard : 10%-95% Forskollin by HPLC

Biological Name : *Coleus forskohlii*

Family : *Lamiaceae*

Other Name : Coleus

Part of Plant used : Tuberous roots

Origin : India

Medicinal Use : Psoriasis, Asthma and Eczema

Chemical Constituents

: Forskolin
Deactylforskolin
9-deoxyforskolin
1,9deoxyforskolin
1,9-dideoxy-7-deacetylforskolin



Green Coffee Extract

Quality Standard : 40%-50% Chlorogenic acid by HPLC

Biological Name : *Coffea arabica*

Family : Rubiaceae

Other Name : Coffee, green coffee

Part of Plant used : seeds

Origin : India

Medicinal Use : Weight loss treatment

Chemical Constituents

: Chlorogenic Acid
Cafestol
Kahweol
Caffeine



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Ashwagandha Extract

Quality Standard	: 2.5%-10% Withanolides by Gravimetry/HPLC	Chemical Constituents	: Withanolides Isopelletierine Withaferins Anaferine Cuseohygrine Anahygrine Acylsterylglucosides Saponins
Biological Name	: <i>Withaniasomnifera</i>		
Family	: <i>Solanaceae</i>		
Other Name	: Indian Ginseng		
Part of Plant used	: Roots		
Origin	: India		
Medicinal Use	: Tonic, Aphrodisiac, Astringent and Diuretic		



Garcinia Extract

Quality Standard	: 50%-80% HCA by HPLC	Chemical Constituents	: Hydroxy citric acid Tartaric acid Citric acid Anthocyanins
Biological Name	: <i>Garciniacambogia</i>		
Family	: <i>Guttiferae</i>		
Other Name	: Malabar tamrind, Garcinia		
Part of Plant used	: Fruit		
Origin	: India		
Medicinal Use	: Weight loss treatment		



Ginseng Extract

Quality Standard	: 5%-80% Ginsenoside by UV/HPLC	Chemical Constituents	: Protopanaxadiol protopanaxtriol oleanane
Biological Name	: <i>Panax ginseng</i>		
Family	: <i>Araliaceae</i>		
Other Name	: Chinese ginseng, Tartar root		
Part of Plant used	: Roots		
Origin	: India		
Medicinal Use	: Treatment of sterility		



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Saw palmetto Extract

Quality Standard : 25%-45% Fatty acids by HPLC
Biological Name : Serenoa repens
Family : Arecaceae
Other Name : Cabbage palm
Part of Plant used : Berries
Origin : India
Medicinal Use : Hyperplasia

Chemical Constituents : Sterols
 Lipids
 Anthranilic acid
 Capric acid
 Caproic acid
 Ferulic acid



Grape Seed Extract

Quality Standard : 95% Proanthocyanidins by UV
Biological Name : *Vitis vinifera*
Family : *Vitaceae*
Other Name : Grape seed
Part of Plant used : seeds
Origin : India
Medicinal Use : Anti-cholesterol,
 Anti-diabetic

Chemical Constituents : Proanthocyanidins
 Epicatechin
 Catechin
 Gallocatechin
 Afzelechin
 Epigallocatechin



Milk thistle Extract

Quality Standard : 50%-80% Silymarin by UV/HPLC
Biological Name : *Silybum marianum*
Family : Asteraceae
Other Name : Milk thistle
Part of Plant used : Fruit
Origin : India
Medicinal Use : Liver damage, infertility

Chemical Constituents : Silymarin
 Linoleic acid
 Palmitic acid
 Arachidic acid
 Gadoleic acid



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Yohimbine Extract

Quality Standard	: 10%-98% Hydrochloride by HPLC	Chemical Constituents	: Yohimbine α -yohimbine β -yohimbine Corynanthine Ajmalicine Alloyohimbine Dihydroxykopsin 19-Dehydroyohimbine
Biological Name	: <i>Pausinystalia yohimbe</i>		
Family	: Rubiaceae		
Other Name	: Yohimbe, Johimbe		
Part of Plant used	: Bark		
Origin	: India		
Medicinal Use	: Erectile dysfunction		



Gymnema Extract

Quality Standard	: 25%-75% Gymnemic acid by Gravimetric	Chemical Constituents	: Gymnemic acid Gymnemagenin gummarin butyric acid Tartartic acid
Biological Name	: <i>Gymnema Sylvestre</i>		
Family	: Asclepiadaceae		
Other Name	: Gymnema, Gurmar		
Part of Plant used	: Leaves		
Origin	: India		
Medicinal Use	: Hypoglycemic, Diuretic		



Quercetin Extract

Quality Standard	: 98% Flavonoids by UV/HPLC	Chemical Constituents	: Quercetin Rutin sophocarpine matrine oxymatrine
Biological Name	: <i>Sophora japonica</i>		
Family	: Fabaceae		
Other Name	: Sophora		
Part of Plant used	: Flower		
Origin	: India		
Medicinal Use	: Anticancer, Antioxidant, Antiviral		



Rutin Extract

Quality Standard : 40%-95%Flavonoids by UV

Biological Name : *Sophora japonica*

Family : Fabaceae

Other Name : Sophora

Part of Plant used : Flower

Origin : India

Medicinal Use : Anticancer, Antioxidant, Antiviral

Chemical Constituents

: Quercetin
Rutin
sophocarpine
matrine
oxymatrine



Resveratrol Extract

Quality Standard : 50%-98% Trans-Resveratrol by UV/HPLC

Biological Name : *Polygonum Cuspidatum*

Family : Polygonaceae

Other Name : Kesum

Part of Plant used : Root & Stem

Origin : India

Medicinal Use : Antibacterial

Chemical Constituents

: Resveratrol
Emodin
Polydatin
Anthraglycoside B



Horse Chestnut Extract

Quality Standard : 20%-98% Aescin (Escin) by HPLC

Biological Name : *Aesculus hippocastanum*

Family : Sapindaceae

Other Name : AtKastan

Part of Plant used : Seed, Fruit

Origin : India

Medicinal Use : Varicose veins, phlebitis

Chemical Constituents

: Aescin
Protoaescigenin
Aesculic acid
Aesculinic acid
Esculin
Esculetin
Hippocoesculin



Lycopene Extract

Quality Standard : 5%-10% Lycopene by UV/HPLC

Biological Name : *Solanum lycopersicum*

Family : Solanaceae

Other Name : Lycopene, Tomato

Part of Plant used : Fruit

Origin : India

Medicinal Use : Cataract, Glaucoma

Chemical Constituents : Lycopene
Citric acid
Maleic acid
Fumaric acid
Pyruvic acid
Caffeic acid



Marigold Extract

Quality Standard : 5%-40% Lutein by UV/HPLC

Biological Name : *Tagetes patula*

Family : Asteraceae

Other Name : Marigold

Part of Plant used : Flower

Origin : India

Medicinal Use : Retinitis, macular degeneration

Chemical Constituents : Lutein
d-carvone
 β -myrecene
myrecene
carvacrol
geranyl acetate
terpinolene
Cyperene
ocimene



Cranberry Extract

Quality Standard : 5%-25% Proanthocyanidins by UV/HPLC

Biological Name : *Vaccinium macrocarpon*

Family : Ericaceae

Other Name : Cranberry

Part of Plant used : Fruit

Origin : India

Medicinal Use : Anticancer, Antiinflammatory

Chemical Constituents : Proanthocyanidin
Epicatechin
Hydroxycinnamic acids
Anthocyanidins
Peonidin
Quercetin
Ursolic acid
Hydroxybenzoic acids



Bilberry Extract

Quality Standard : 5%-25% Anthocyanins by UV/HPLC

Biological Name : *Vaccinium myrtillus*

Family : Ericaceae

Other Name : Huckleberry,

Part of Plant used : Fruit

Origin : India

Medicinal Use : Cataract, improve night vision

Chemical Constituents : Anthocyanins
Proanthocyanidins
Quercetin
Kaempferol-glycoside
Chlorogenic acid
Caffeic acid
Ferulic acid



5-HTP

Quality Standard : 50%-98% 5-hydroxytryptophan by HPLC

Biological Name : *Griffonia simplicifolia*

Family : Fabaceae

Other Name : Kajja, Griffonia

Part of Plant used : Seeds

Origin : India

Medicinal Use : Anti-depression, Anti-anxiety

Chemical Constituents : 5-Hydroxytryptophan



Hyaluronic acid

Quality Standard : 95% Sodium Hyaluronate acid by HPLC

Biological Name : *Streptococcus zooepidemicus*

Origin : India

Medicinal Use : Cosmetic & Food

Chemical Constituents : Hyaluronic acid

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