



Turmeric
Curcuma Longa



Bacopa
Bacopa Monnieri



Ashwagandha
Withania Somnifera



Green Coffee Bean
Coffea Arabica



Serving India
Since 1925

 **HIGH QUALITY**
Botanical Extracts for
Healthy Lifestyle

www.manipalnatural.com

Manufacturing Facility



Manipal Natural Pvt Ltd, is having 9290 sq mt manufacturing area in Dabaspeta Industrial Area, Bengaluru Rural, South INDIA, with manufacturing capacity of 40 metric ton herbal raw material processing / day.

Manufacturing facilities are well equipped with latest production and drying machines. Facility is equipped with various capacity extractors. The company is positioned to offer clients end-to-end high quality products and optimized production practices.

The entire manufacturing process is supervised and monitored by the team of highly experienced professionals of the industry to ensure the consistent quality product in the managed time schedule.

Research & Development



Manipal Natural has state of the art innovation centre, which focuses on development of clinically proven branded botanical ingredients, highly bioavailable botanical ingredients and poly herbal ingredients. The R&D strives to achieve excellence by proactively addressing customer needs and requirements.

R&D will work in close co-operation with the prestigious universities and private research institutions in the biological assessment of safety and effectiveness upto clinical trials.

Quality Assurance Management System



Manipal Natural aspires to deliver a value product to the customer with excellent quality. The company is committed to the most stringent norms of quality. The Quality team is responsible for inspecting all production activities from incoming raw material, in process, and final inspection.

Manipal Natural has implemented an effective harmonized Quality System based on International Standards Organization (ISO) quality concepts and Good Manufacturing Practices (GMP) standards.

QMS (Quality Management System) is implemented through entire product lifecycle, since development, manufacture until product delivery to customer.

Quality Control



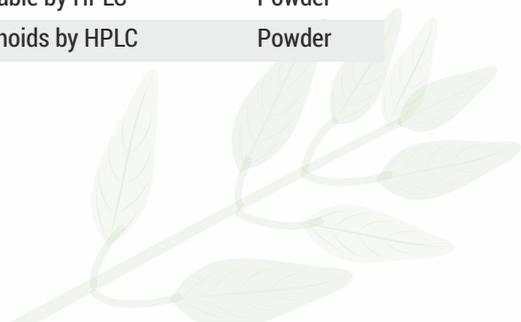
Manipal Natural ensures compliance with standards and specifications, in order to guarantee the quality of products, and ensure the quality of manufactured batches in the shortest possible time-scales.

Company follows Analytical methods described in Pharmacopoeia (Indian Pharmacopoeia, USP European Pharmacopoeia, KFDA method, Taiwan FDA etc.) as well as internal company validated methods. quality control laboratory is equipped with (HPLC, UV/Vis spectrophotometer, Gas Chromatography)

Botanical Extracts

Product List

PRODUCT NAME	PLANT PART USED	STANDARDIZATION	FORM
Ashwagandha root Extract	Roots	1.5%, 2.5%, 5%, 8% Total Withanolides by Gravimetry	Powder
Ashwagandha root Extract	Roots	1.5%, 2.5%, 5% Total Withanolides by HPLC	Powder
Andrographis paniculata Extract	Leaves	10% to 90% Total Andrographolide by HPLC	Powder
Adhatoda vasica Extract	Leaves	1% Vasicine by HPLC	Powder
Adhatoda vasica Extract	Leaves	1% to 2% Alkaloids by Gravimetry	Powder
Amla Extract	Fruits	10% to 40% Tannins by Titration	Powder
Asparagus racemosus Extract	Roots	5% to 20% Saponins by Gravimetry	Powder
Asparagus racemosus Extract	Roots	1% to 1.5% Shatavarins by HPLC	Powder
Bacopa monnieri Extract	Aerial Part	10% to 50% Total Bacosides by UV	Powder
Bacopa monnieri Extract	Aerial Part	10% to 50% Total Bacosides by Gravimetry	Powder
Bacopa monnieri Extract	Aerial Part	10% to 50% Total Bacosides by HPLC	Powder
Banaba Extract	Leaves	1% to 2% Corosolic acid by HPLC	Powder
Berberis vulgaris Extract	Roots	97% Berberine Hydrochloride by HPLC	Powder
Beta Carotene	Palm Fruit	10% to 30% Total Beta Carotene by UV	Oil Suspension
Beta Carotene	Palm Fruit	10% to 30% Total Beta Carotene by UV	Powder
Black Pepper Extract	Fruits	Piperine 95% by HPLC	Powder
Boswellia serrata Extract	Gum Exudates	45% to 70% Total Boswellic acid by Titration	Powder
Boswellia serrata Extract	Gum Exudates	10% to 30% Acetyl keto beta boswellic acid by HPLC	Powder
Centella asiatica Extract	Leaves	20% to 40% Triterpene derivatives by HPLC	Powder
Centella asiatica Extract	Leaves	10% to 40% Saponins by Gravimetry	Powder
Chamomile Flower Extract	Flower	Total Polyphenols by UV	Powder
Cinnamomum cassia Extract	Bark	10% to 40% Polyphenols by UV	Powder
Cissus quadrangularis Extract	Aerial Part	2% to 5% Ketosterones by Gravimetry	Powder
Coffee bean Extract	Seeds	25% to 50% Total chlorogenic acids by HPLC	Powder
Coffee bean Extract	Seeds	95% to 98% Caffeine by HPLC	Powder
Coleus Forskholii Extract	Roots	10% to 98% Forskolol by HPLC	Powder
Curcuma longa Extract	Rhizomes	10% to 95% Total Curcuminoids by HPLC	Powder
Curcuma longa Extract	Rhizomes	10% to 30% Water dispersable by HPLC	Powder
Tetrahydrocurcumanoids	Rhizomes	Not less than 95% Curcuminoids by HPLC	Powder



Botanical Extracts



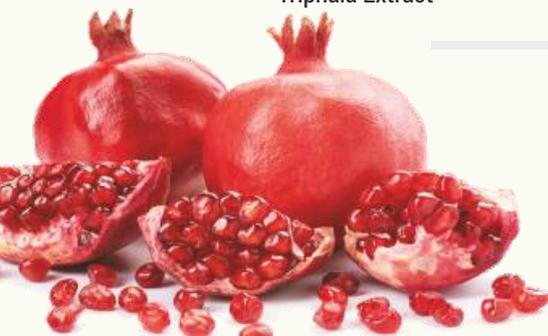
PRODUCT NAME	PLANT PART USED	STANDARDIZATION	FORM
Eclipta alba Extract (Bhringraj)	Aerial Part	1% Wedelolactone by HPLC	Powder
Fenugreek Extract	Seeds	60% Saponins by Gravimetry	Powder
Fenugreek Extract	Seeds	40% 4-hydroxyisoleucine by HPLC	Powder
Marigold Extract	Flower	Free Lutein - 5% to 80% by HPLC	Powder
Marigold Extract	Flower	Free Lutein - 5% to 30% Water Dispersable by HPLC	Powder
Marigold Extract	Flower	Free Lutein - 5% to 40% by HPLC	Oil suspension
Marigold Extract	Flower	Lutein Ester - 5% to 80% by HPLC	Powder
Marigold Extract	Flower	Lutein Ester - 5% to 20% by HPLC	Oil suspension
Marigold Extract	Flower	Zeaxanthin - 5% to 60% by HPLC	Powder
Marigold Extract	Flower	Zeaxanthin - 5% to 20% by HPLC	Oil suspension
Garcinia cambogia Extract	Fruits	Water Soluble - 50% & 60% HCA by HPLC	Powder
Garcinia cambogia Extract	Fruits	Water Insoluble - 50% & 60% HCA by HPLC	Powder
Ginger Extract Powder	Rhizomes	5% to 40% Gingerols by HPLC	Oleo-resin
Ginger Extract Powder	Rhizomes	5% to 10% Gingerols Water Dispersible by HPLC	Powder
Ginger Extract Powder	Rhizomes	5% to 15% Gingerols by HPLC	Powder
Glycyrrhiza glabra Extract (Liquorice)	Root	5% to 25% Glycyrrizhin by HPLC	Powder
Glycyrrhiza glabra Extract (Liquorice)	Root	20% to 40% Glabridin by HPLC	Powder
Gokshura Extract (Tribulus terrestris)	Fruits	20% to 40% Saponins by Gravimetry	Powder
Green Tea Extract	Leaves	40% to 90% Polyphenols by HPLC	Powder
Guava Extract	Leaves	10% to 30% Polyphenols by UV	Powder
Gymnema sylvestre Extract	Leaves	25% to 75% Gymnemic acids by HPLC	Powder
Gymnema sylvestre Extract	Leaves	75% Gymnemic acids by Titration	Powder
Lycopene (Tomato) Extract	Fruits	10% to 80% Powder by UV	Powder
Lycopene (Tomato) Extract	Fruits	6% to 10% Oil by UV	Oil suspension
Lycopene (Tomato) Extract	Fruits	5% to 10 Water Dispersible by UV	Powder
Momordica charantia Extract	Fruits	0.5% Charantin by HPLC	Powder
Momordica charantia Extract	Fruits	2.5% to 10% Bitters by Gravimetry	Powder
Moringa oleifera Leaf Extract	Leaves	10% to 30% Saponins by Gravimetry	Powder
Mucuna pruriens Extract	Seeds	10% to 40% L-DOPA by HPLC	Powder



Botanical Extracts

Product List

PRODUCT NAME	PLANT PART USED	STANDARDIZATION	FORM
Neem Leaf Extract	Leaves	2% to 5% Bitters by Gravimetry	Powder
Holy Basil Extract	Leaves	5% triterpenes (Sum of Oleanolic acid +Ursolic acid) by HPLC	Powder
Holy Basil Extract	Leaves	2% Ursolic acid by HPLC	Powder
Holy Basil Extract	Leaves	2% Tannins by Titration	Powder
White Kidney Bean Extract	Beans	Amylase inhibition activity >20000 by modified sigma method	Powder
Phyllanthus amarus Extract	Leaves	2% to 5% Bitters by Gravimetry	Powder
Piper longum Extract	Fruits	2% to 5% Piperine by HPLC	Powder
Pomegranate Extract	Fruit Peel	40% Total polyphenols by UV	Powder
Pomegranate Extract	Fruit Peel	10% Total Punicalagins by HPLC	Powder
Pomegranate Extract	Fruit Peel	90% Ellagic acid by HPLC	Powder
Rosemary Extract	Leaves	10% to 50% Ursolic acid by HPLC	Powder
Rosemary Extract	Leaves	10% to 40% Rosmarinic acid by HPLC	Powder
Rosemary Extract	Leaves	10% to 30% Carnosic acid by HPLC	Powder
Salacia reticulata Extract	Roots	0.5% Salacinol by HPLC	Powder
Salacia reticulata Extract	Roots	1% Mangiferin by HPLC	Powder
Salacia reticulata Extract	Roots	20% Saponins by Gravimetry	Powder
Salacia reticulata Extract	Roots	30% Tannins by UV	Powder
Senna Extract	Leaves	10% to 40% Total Sennosides by UV & HPLC	Powder
Sesamum indicum Extract	Seeds	10% to 90% Sesamin by HPLC	Powder
Sesamum indicum Extract	Seeds	10% to 90% Sesamin Complex by HPLC	Powder
Terminalia arjuna Extract	Fruits	20% to 40% Polyphenols by UV	Powder
Terminalia arjuna Extract	Fruits	20% to 30% Proanthocyanidins by HPLC	Powder
Terminalia bellirica Extract	Fruits	10% to 40% Polyphenols by UV	Powder
Terminalia chebula Extract	Fruits	10% to 40% Total Polyphenols by UV	Powder
Tinospora cordifolia Extract	Whole Plant	2% Bitters by Gravimetry	Powder
Triphala Extract	Fruits	10% to 40% Polyphenols by UV	Powder



Certified Organic Botanical Extracts



PRODUCT NAME	STANDARDIZATION	PRODUCT NAME	STANDARDIZATION
Organic Chamomile Flower Extract	Flavonoids, Polyphenols	Organic Ashwagandha root dry Extract	Withanolides
Organic Fenugreek extract	Saponins	Organic Neem Leaf Extract	Bitters
Organic Adhatoda vasica Extract (Vasaka Extract)	Vasicine	Organic Manjishta (Rubia cordifolia) Extract	Rubiadin
Organic Amla Extract	Polyphenols	Organic Green Tea Extract	Catechin / Polyphenols
Organic Asparagus racemosus Extract	Shatavarins	Organic Cinnamon bark Extract	Polyphenols
Organic Moringa oleifera Leaves Extract	Saponins	Organic Cumin Extract	Volatile oil
Organic Gymnema sylvestre Extract	Gymnemic acids	Organic Ginger Extract Powder	Gingerols
Organic Andrographis paniculata Extract	Andrographolide	Organic Guava Extract (Psidium Guava)	Polyphenols
Organic Piper longum Extract	Piperine	Organic Boswellia serrata Extract	Boswellic acids
Organic Momordica charantia Extract	Bitters	Organic Terminalia bellirica Extract	Polyphenols
Organic Tribulus Terrestris Extract	Saponins	Organic Terminalia chebula Extract	Polyphenols
Organic Bacopa Monnieri Extract	Bacosides	Organic Pomegranate Extract	Polyphenols
Organic Ocimum Tenuiflorum (Holy Basil) Extract	Triterpenes	Organic Lemon Peel Extract	Follic acid
Organic Triphala (Emblica officinalis, Terminalia bellirica, Terminalia chebula) Extract	Polyphenols		
Organic Curcuma longa Extract	Curcuminoids		
Organic Garcinia Cambogia Extract	Hydroxy citric acid		
Organic Green Coffee Bean Extract	Chlorogenic acids		
Organic Piper longum Extract	Piperine		
Organic Centella asiatica Leaf Extract	Asiaticosides		



Branded Ingredients

BRAND NAME	PRODUCT NAME	BOTANICAL NAME
CURCUMAN	TURMERIC EXTRACT	CURCUMA LONGA
OCUFLORA	MARIGOLD (LUTEIN) EXTRACT	TAGETES ERECTA
BACOPAL	BACOPA EXTRACT	BACOPA MONNIERI
ASVAMAN	ASHWAGANDHA EXTRACT	WITHANIA SOMNIFERA
SALPICK	SALACIA EXTRACT	SALACIA RETICULATA



Water Soluble Ingredients

BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
GARCINIA CAMBOGIA	GARCINIA	WATER SOLUBLE HCA
CURCUMA LONGA	TURMERIC	WATER DISPERSIBLE CURCUMINOIDS
EMBLICA OFFICINALIS	AMLA	WATER SOLUBLE TANNINS
CINNAMOMUM CASSIA	CINNAMON	WATER SOLUBLE POLYPHENOLS
TAGETES ERECTA	LUTEIN	WATER DISPERSIBLE LUTEIN GRADES



Tea Bag cuts

COMMON NAME	PRODUCT NAME
Amla	Emblica officinalis
Ashwagandha	Withania somnifera
Guduchi	Tinospora cordifolia
Tulsi	Ocimum sanctum
Lemongrass	Cymbopogon citratus
Liquorice	Glycyrrhiza glabra
Moringa	Moringa oleifera
Shatavari	Asparagus racemosus
Black Pepper	Piper nigrum
Cinnamon	Cinnamomum cassia

COMMON NAME	PRODUCT NAME
Fenugreek	Trigonella foenum-graecum
Ginger	Zingiber officinale
Green Cardamom	Elettaria cardamomum
Turmeric	Curcuma longa
Bacopa/ Brahmi	Bacopa monnieri
Chamomile	Matricaria chamomilla
Cocoa Nibs	Theobroma cacao
Gotukola	Centella asiatica
Gymnema	Gymnema sylvestre

FAMI-Qs approved speciality animal feed Ingredients

COMMON NAME	PRODUCT NAME
Avartani	Helicterus isora
Kutaja	Holarrhena antidysenterica
Mango	Mangifera indica
Tulsi	Ocimum sanctum
Bhoomi Amla	Phyllanthus amarus
Long pepper	Piper longum
Karanja	Pongamia glabra
Kantakari	Solanum xanthocarpum
Arjuna	Terminalia arjuna
Baheda	Terminalia bellirica
Haritaki	Terminalia chebula
Guduchi	Tinospora cordifolia
Ashwagandha	Withania somnifera
Ginger	Zingiber officinale
Liquorice	Glycyrrhiza glabra
Babul	Acacia Nilotica
Chaff flower	Achyranthus aspera

COMMON NAME	PRODUCT NAME
Vasaka	Adhatoda vasica
Indian Bael	Aegle marmelos
Siris Tree	Albizia lebeck
Garlic	Allium sativum
Kalmegha	Andrographis paniculata
Neem	Azadirachta indica
Daruharidra	Berberis aristata
Turmeric	Curcuma longa
Nut grass	Cyperus rotundus
Bhringaraja	Eclipta alba
Viavidang	Embelia ribes
Amla	Emblica officinalis
Peepal tree	Ficus religiosa





Sustainability

- Herbal Raw materials required for processing are sourced from farmers through contract farming model.
- Extraction process is powered by solar energy since the group has big name in solar energy plant in India
- Entire factory has rainwater harvesting to enrich the ground water level.
- At Manipal, another effective green initiative is the extensive planting of trees.
- The fully functional Effluent Treatment Plant at Manipal Natural manufacturing facility uses multi-stage evaporation to ensure zero discharge of effluents.
- Manipal Natural is engaged in the entire spectrum of activity right from the cultivation of medicinal plants, their processing and extraction. The success of any herbal based product is dependent on the ready availability of high quality medicinal herbs. Keeping this in mind Manipal Natural Planned for large area of contract farming. This will ensure the availability of quality raw material and also helps Manipal Natural to give back to society as part of Corporate Social Responsibility to the most deserving class of people in our society viz the farmer.

CERTIFICATES



MEMBERSHIPS

Agriculture and Processed
Food Products Export
Development Authority
(APEDA)

Pharmaceuticals
Export Promotion Council
(Pharmexcil)

Shellac & Forest Products
Export Promotion Council
(SHEFEXIL)

Spices Board
of India

Cinnamon
Cinnamomum Cassia



Marigold
Lutein



Garcinia
Garcinia Cambogia



Holy Basil
Ocimum Tenuiflorum



Manipal Natural
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