



## **COMPANY PROFILE**

Founded in Hangzhou, China in 1998, Huisong Pharmaceuticals specializes in the R&D and manufacturing of premium–quality natural ingredients for world–leading companies in pharmaceutical, nutraceutical, food & beverage, and personal care industries. With a track record of 20+ years in botanical science innovation, Huisong Pharmaceuticals has transformed into a global natural ingredients company with a highly-integrated supply chain supporting a portfolio of natural products such as medicinal herbs, botanical extracts, food & vegetable ingredients, pharmaceutical drugs, TCM prescription granules, and other natural ingredients and products.

Today, Huisong has many locations across the globe and continues to innovate and advance the world of human health by following its core values: Nature, Health, Science.



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# **OUR MISSION**

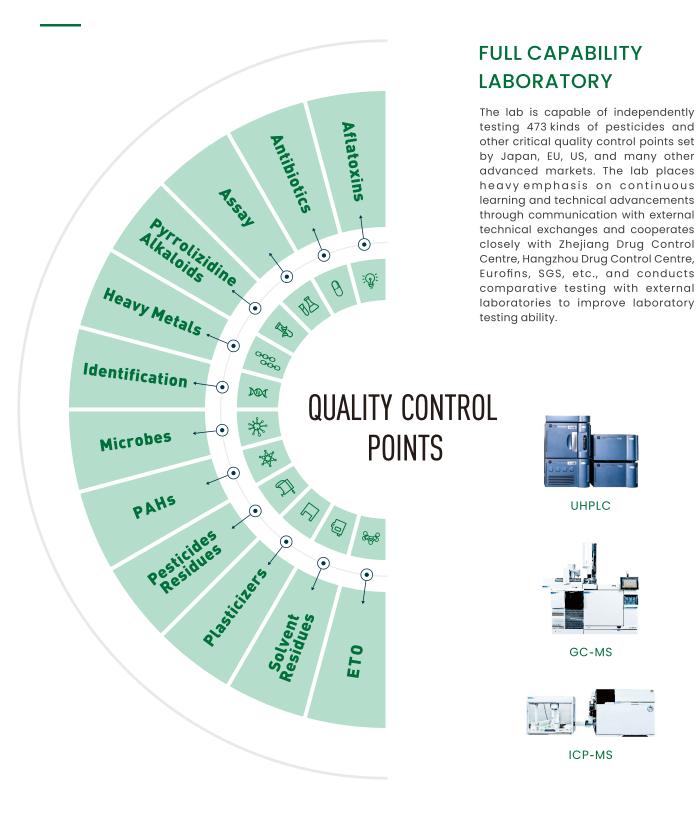
"Throughout the past 40 years in the world of natural medicine, I have been grateful for the guidance and collaboration from my predecessors and partners in the industry. Today, Huisong is committed to advancing the world of health and nutrition by providing premium-quality natural ingredients with the harmonious integration of Japanese quality standards and modern manufacturing technologies. At the foundation of our business will always remain integrity, quality, and service."



Meng Zheng, PhD

Founder, President, and CEO

## **QUALITY GUARANTEE**































## **BOTANICAL EXTRACTS**

**800+** extracts available in standardized, ratio, and customized specifications



#### **APPLICATION**

Pharmaceutical
Health supplements
Food & beverages
Cosmetics
Food coloring
Flavors & Fragrances
And more

## WHY HUISONG?

Botanical ID testing and full traceability documentation

Pesticide residue confirming to EP / USP / EC396 / EPA / JP / CP

End-to-end partnership from raw materials sourcing to final product

### **KEY PRODUCTS**

Bilberry Extract Ginkgo Biloba Extract Milk Thistle Extract Panax Ginseng Extract Reishi Mushroom Extract



		96		
Common Name	Latin Name	Parts Used	Specification	Origi
Ashwagandha Extract	Withania somnifera	Root	•1-20% Total Withanolides HPLC	India
Astragalus Extract	Astragalus membranaceus	Root	•4-10:1 Ratio •1-98% Astragaloside IV HPLC •1-50% Polysaccharides UV	China
Bilberry Extract	Vaccinium myrtillus	Whole Fruit	1-36% Anthocyanins     (Anthocyanosides) HPLC,     Free Anthocyanidins < 1%     -1-36% Anthocyanidins UV     Fruit Juice Powder     Freeze-dried Powder     -EP / USP	North Europ
Blackcurrant Extract	Ribes nigrum	Whole Fruit	•5-40% Anthocyanins HPLC	New Zeala
Citrus Bioflavonoids	Citrus aurantium	Fruit	•10-85% Bioflavonoids UV	China
Epimedium Extract	Epimedium sagittatum	Aerial part	•1-98% Icariin HPLC •1-20% Icariins HPLC	China
Fenugreek Extract	Trigonella foenum-graecum	Seed	•4-10:1 Ratio •10-50% Furostanol Saponins UV •10-40% 4-Hydroxy Isoleucine HPLC	China
Garlic Extract	Allium sativum	Bulb	•1-5% Allicin HPLC •3-5% Alliin HPLC	Chin
Giant Knotweed Extract	Polygonum cuspidatum	Root	•20-98% Resveratrol HPLC	Chin
Ginger Extract	Zingiber officinale	Root	•1.5-20% Gingerols HPLC	Chin
Ginkgo Biloba Extract	Ginkgo biloba	Leaf	•24% Flavone Glycosides, 6% Terpene Lactones, Ginkgolic acid < 5ppm HPLC •CP2020 / EP / USP / KHP •Water soluble	Chin
Horseradish Extract	Armoracia rusticana	Root	•4-20:1 Ratio	Chin
Horsetail Extract	Equisetum arvense	Stem	•4:1 Ratio •2.5-7% Silica	Chin
Lyophilized Royal Jelly Powder	I	I	•2-6% HDA HPLC	Chin
Milk Thistle Extract	Silybum marianum	Seed	•80-85% Silymarin UV •45-98% Silymarin HPLC •EP / KHP / USP	Chin
Mulberry Leaf Extract	Morus alba	Leaf	•1-10% DNJ HPLC	Chin
Panax Ginseng Extract	Panax ginseng	Root / Stem / Tail	•2-50% Ginsenosides HPLC •Water soluble	Chin
Red Clover Extract	Trifolium pratense	Blossoming Tops	•8-40% Isoflavones HPLC	Chin
Red Ginseng Extract	Panax ginseng	Root / Stem / Tail	•1-30% Ginsenosides HPLC	Chin
Reishi Mushroom Extract	Ganoderma lucidum	Fruit Body	•10-30% Polysaccharides UV •3-20% Trierponoides HPLC	Chin
Rhodiola Extract	Rhodiola rosea	Root / Stem	•1-10% Rosavins HPLC •1-10% Salidroside HPLC •Water soluble	Chin
Rose Hip Extract	Rosa canina	Fruit	•4-10:1 Ratio •10-30% Saponin UV	Chile
Senna Leaf Extract	Sennae folium	Leaf	•20% Sennosides HPLC •20% Sennosides UV	Chin
Siberian Ginseng Extract	Eleutherococcus senticosus	Root	•0.8-1.5% Eleutherosides B+E HPLC	Chin
Skullcap Extract	Scutellaria baicalensis	Root	•30-85% Baicalin HPLC	Chin
Soy Isoflavones	Glycine max	Germ / Pressed Seed Cake	•5-90% Soy Isoflavones HPLC	Chin
Zizyphus Jujuba Extract	Zizyphus jujuba	Seed	•10:1 Ratio •0.1-1% Jujuboside A+B HPLC	Chin

## FRUIT & VEGETABLE INGREDIENTS

**40+** ingredients available by STEAM sterilization or PREMIUM-HEATED sterilization



## **APPLICATION**

Health supplements Sport drinks Nutrition shakes Instant meals Snacks Candy Baked goods Pet food And more

## WHY HUISONG?

Japanese proprietary sterilization technology that minimizes loss of color, flavor, and nutritional value during process of sterilization

Pesticide residue confirming to EP / USP / EC396 / EPA / JP / CP

Common Name	Parts Used	Specification	Harvest Season	Origin
Barley Grass	Leaf	Steam sterilized powder     Premium-heated sterilized powder	Mar-Apr	China
Blueberry	Fruit	Steam sterilized powder     Premium-heated sterilized powder	May-Aug	China
Bilberry	Fruit	Steam sterilized powder     Premium-heated sterilized powder	Jul-Sep	Northern Europe
Broccoli	Aerial part	Steam sterilized powder     Premium-heated sterilized powder	May-Jul Oct-Jan	China
Carrot	Root	Steam sterilized powder     Premium-heated sterilized powder	Year-round	China
Celery	Stem	Steam sterilized powder     Premium-heated sterilized powder	May	China
Cucumber	Fruit	Steam sterilized powder     Premium-heated sterilized powder	May-Sep	China
Ginger	Root	Steam sterilized powder     Premium-heated sterilized powder	Sep-Oct	China
Kale	Leaf	Steam sterilized powder     Premium-heated sterilized powder	Apr Nov	China
Rose Hip	Fruit	Steam sterilized powder     Premium-heated sterilized powder	Sep-Oct	China Chile
Schisandra Berry	Fruit	Steam sterilized powder     Premium-heated sterilized powder	Aug-Oct	China
Spinach	Leaf	Steam sterilized powder     Premium-heated sterilized powder	May-Jun Oct-Nov	China
Turmeric	Root	Steam sterilized powder     Premium-heated sterilized powder	Dec-Feb	China
Wheat Grass	Leaf	Steam sterilized powder     Premium-heated sterilized powder	Mar-Apr	China





**30+** ingredients available in air-dried, drum-dried, and freeze-dried form



### **APPLICATION**

Instant meals Snacks Seasoning Soups And more

## WHY HUISONG?

Rigorous monitoring of foreign materials

Strict testing of pesticides, microbes, botanical identification, heavy metals, aflatoxins, and more

Pesticide residue confirming to EP / USP / EC396 / EPA / JP / CP

## **KEY PRODUCTS**

White onion powder Toasted onion powder Garlic powder Seaweed powder

Common Name	Specification	Harvest Season	Origir
Barley	•Cut •Powder	Mar-Apr	China
Beetroot	<ul><li>Powder</li><li>Flakes</li></ul>	Jul-Oct	China
Bell Pepper (Green/Red)	• Powder • Flakes	Sep-Oct	China
Broccoli	• Cut • Powder	May-Jul Oct-Jan	China
Cabbage	• Powder • Flakes	Apr Nov	China
Carrot	•Powder •Flakes •Slices	Year-round	China
Cauliflower	• Cut • Powder	Dec-Mar	China
Celery	•Cut •Powder •Flakes	Мау	China
Chives	•Rolls •Rings	Mar-Jun	China
Corn	•Whole •Pieces	Aug-Oct	China
Dried Seaweed	• Cut • Powder	Jan-May	China
Garlic	• Powder • Flakes	Jun-Aug	China
Green Bean	• Cut • Powder	Aug-Oct	China
Green/Spring Onion	•Flakes •Rings	Jan-May	China
Horseradish	•Powder •Flakes	Oct-May	China
Leek (Green/White)	•Powder •Flakes	Year-round	China
Parsley	• Powder • Granules	May-Dec	China
Potato	<ul><li>Powder</li><li>Flakes</li><li>Cubes</li></ul>	Jun-Sep	China
Pumpkin	• Powder • Flakes	Jul-Oct	China
Red Onion	•Powder •Flakes	Jul-Aug	China
Shallot	• Powder • Flakes • Rolls	Oct-Dec	
Shiitake	•Powder •Flakes	Year-round	China
Spinach	• Powder	May-Jun Oct-Nov	China
Tomato	• Powder • Flakes	Aug-Sep Ch	
White Onion	• Powder • Flakes	Aug-Dec Chin	
White Radish	• Powder	Jun/Sep/Dec	China



## **HERBS & SPICES**

Natural, organic, and non-GMO herbs and spices available in specifications and sizes produced according to customers' needs



### **APPLICATION**

Seasonings Instant meals Snacks Foods & beverages Health supplements And more

#### WHY HUISONG?

Natural and non-GMO ingredients Free of foreign materials Pesticide residue control Food safety certified facility

### **KEY PRODUCTS**

**Leaves:** basil, rosemary, bay leaf, peppermint

Bark: cinnamon

Flower: chrysanthemum, saffron,

safflower

Fruits/Berries: chili, black pepper,

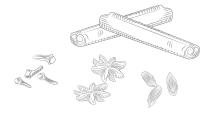
paprika

Root: ginger, turmeric

Seed: chia seeds, celery, fenugreek,

mustard, fennel

Common Name	Specification	Harvest Season	Origi
Red Chili Pepper	•Whole •Powder	Aug-Oct	Chin
Black Pepper	•Whole •Powder	Jun	Chin
White Pepper	•Whole •Powder	May-Jul	Chin
Chinese Red Pepper (Prickly Ash)	•Whole •Powder	Aug-Sep	Chin
Chinese Green Pepper (Prickly Ash)	•Whole •Powder	Aug-Oct	Chin
Bay Leaf	•Whole •Powder	Year-round	Chin
Basil	•Whole •Powder	Jun-Sep	Chin
Cardamom	•Whole •Powder	Jun-Jul	Chin
Chia Seeds	•Whole •Powder	Мау	Chin
Cinnamon	•Whole •Powder	Feb-May	Chin
Cloves	•Whole •Powder	Apr-Jun Oct	Chin
Coriander	•Whole •Powder	Jul	Chin
Cumin	•Whole •Powder	Jul-Aug	Chin
Dill	•Whole •Powder	Apr-May	Chin
Eucalyptus Leaf	•Whole •Powder	Oct-Nov	Chin
Fenugreek	•Whole •Powder	Apr-May	Chin
Ginger	•Whole •Powder	Nov-Mar	Chin
Mace	•Whole •Powder	Jun-Aug	Chir
Marjoram	•Whole •Powder	Nov	Chin
Mint	•Whole •Powder	Year-round	Chir
Mustard	•Whole •Powder	Мау	Chin
Nutmeg	•Whole •Powder	Jan-Feb Nov-Dec	Chin
Orange Peel	•Whole •Powder	Nov-Jan	Chin
Oregano	•Whole •Powder	Jul-Aug	Chin
Paprika	•Whole •Powder	Aug-Oct	Chin
Rose Petals	•Whole •Powder	May-Jun	Chin
Rosemary	•Whole •Powder	May-Jul	Chin
Sage	•Whole •Powder	Mar-Jul	Chin
Star Anise	•Whole •Powder	Aug-Nov	Chin
Tarragon	•Cut •Powder	Jan-Aug	Indi
Thyme	•Whole •Powder	Mar-Jul	Indi
Turmeric	•Whole •Powder	Dec-Jan	Chin



## **ORGANIC INGREDIENTS**

**30+** ingredients available whole, cut, tea-bag cut, powder, and extract form







### **APPLICATION**

Health supplements Sport drinks Nutrition shakes Instant meals Snacks Candy Baked goods Pet food And more

### WHY HUISONG?

USDA Organic and EU Organic certifications available

TC Organic ingredients available

Pesticide residue confirming to EP / USP / EC396 / EPA / JP / CP

## **KEY PRODUCTS**

Organic dandelion root Organic rose hip Organic lyophilized royal jelly Organic milk thistle seed Organic Siberian ginseng Organic Panax ginseng

Common Name	Latin Name	Part Used	Specification	Origin
Apple Cider Vinegar	Malus pumila	1	•Powder	China
Astragalus Root	Astragalus membranaceus	Root	•Ratio Extracts •Powder •TBC	Chino
Dandelion Root	Taraxacum officinale	Root	•Standardized extracts •Ratio Extracts •Powder •TBC	Chino
Ginger	Zingiber officinale	Root	•Standardized extracts •Ratio Extracts •Powder	Chino
Ginkgo Biloba	Ginkgo biloba	Leaf	•Ratio Extracts •Powder •TBC	Chino
Lavendar	Lavandula angustifolia Miller	Flower	<ul><li>Ratio Extracts</li><li>Powder</li><li>TBC</li></ul>	Chino
Lyophilized Royal Jelly	/	I	<ul><li>Standardized extracts</li><li>Powder</li></ul>	Chino
Milk Thistle Seed	Silybum marianum	Seed	•Standardized extracts •Ratio Extracts •Powder	Chino
Panax Ginseng	Panax ginseng	Root / Stem / Tail	•Standardized extracts •Ratio Extracts •Powder •TBC	Chino
Reishi Mushroom	Ganoderma lucidum	Whole	•Standardized extracts •Ratio Extracts •Powder •TBC	China
Rhodiola Rosea	Rhodiola rosea	Root / Stem	•Standardized extracts •Ratio Extracts •Powder	China
Rose Hip	Rosa canina	Fruit	•Standardized extracts •Ratio Extracts •Powder	Chile
Schisandra Fruit	Schisandra chinensis	Fruit	•Standardized extracts •Ratio Extracts •Powder	China
Siberian Ginseng	Siberian ginseng	Root	•Standardized extracts •Ratio Extracts •Powder	Chino
Turmeric	Curcuma longa	Root	•Standardized extracts •Ratio Extracts •Powder	India



## MEDICINAL HERBS

**1,000+** herbs available in whole, cut, tea-bag cut, and powder form



## **APPLICATION**

Traditional Chinese Medicine Kanpo Ayurveda Tea & beverages Health products And more

## WHY HUISONG?

Botanical ID testing and full traceability documentation

Pesticide residue confirming to EP / USP / EC396 / EPA / JP / CP

24+ years of experience in domestic and international medicinal herb markets

## **KEY PRODUCTS**

Panax ginseng
Pinella ternata
Bupleurum falcatum
Cnidium officinale
Eleutherococcus senticosus
Angelica sinensis
Cinnamomum cassia



Common Name	Latin Name	Used Parts	Origin
Agaricus	Agaricus blazei murill	Whole	Fujian
Astragalus Root	Astragalus membranaceus	Root	Inner Mongolia, Gansu, Shanx
Atractylodes lancea	Atractylodes lancea	Root	Shaanxi, Hubei, Hebei
Atractylodes macrocephala	Atractylodes macrocephala	Root	Zhejiang, Anhui, Hebei
Chinese Angelicae Root	Angelica sinensis	Root	Zhejiang, Sichuan
Cinnamon Bark	Cinnamomum cassia	Bark	Guangdong, Guangxi
Cnidium Rhizome	Cnidium officinale	Root	Zhejiang, Sichuan
Codonopsis Root	Radix codonopsis	Root	Gansu, Guizhou
Coix Seed	Coix lacryma-jobi	Seed	Fujian, Guizhou
Cordyceps	Cordyceps sinensis	Whole	Qinghai, Tibet, Yunnan, Sichua
Cornus Fruit	Cornus officinalis	Fruit	Zhejiang, Henan, Shaanxi
Corydalis Tuber	Corydalis yanhusuo	Tuber	Zhejiang, Shaanxi
Deerhorn	Cervi cornu parvum	Horn	Dongbei
Donkey- hide gelatin	Colla corii asini	Skin	Shandong
Eleuthero Root / Siberian Ginseng Root	Eleutherococcus senticosus	Root	Heilong Jiang, Jilin
Eucommia Leaf			Sichuan, Anhui
	Folium eucommiae Fructus gardeniae grandiflorae	Leaf	Hubei, Zhejiang, Guangxi
Gardenia Goji Berry	Lycium barbarum	Fruit Fruit	Ningxia, Inner Mongolia, Qingh
	Guajavae		Sichuan, Guangxi
Guava Leaf / Fruit Gypsum	Gypsum fibrosum	Leaf / Fruit Whole	Shandong
Honeysuckle Flower	Flos Ionicerae	Flower	Henan, Shandong
Houttuynia Herba	Houttuynia cordata	Aeriel part	Sichuan, Yunnan, Guizhou
Jujube Fruit	Fructus ziziphi jujubae	Fruit	Shanxi, Henan
Red Ginseng	Panax ginseng	Root	Jilin, Heilongjiang
Licorice Root	Radix glycyrrhizae large	Root	Gansu, Neimeng, Shanxi
Lilyturf Root	Radix giyeyimizdə idige  Radix ophiopogonis	Root	Sichuan, Hubei
Magnolia Bark	Cortex magnoliae officinalis	Bark	Zhejiang, Sichuan
Mint Leaf	Herba menthae	Leaf	Anhui
Notoginseng Root	Radix notoginseng	Root	Yunnan
Panax Ginseng	Panax ginseng	Root	Jilin, Heilongjiang
Peony Root	Paeonia lactiflora pallas	Root	Anhui, Zhejiang
Perilla Leaf	Folium perillae	Leaf	Zhejiang, Anhui
Phellodendron Bark	Phellodendron amurense	Bark	Hunan, Sichuan
Pinellia Tuber	Pinellia ternata	Tuber	Gansu
Polyporus	Polyporus umbellatus	Sclerotium	Henan, Shaanxi
Rehmannia Root	Radix rehmanniae	Root	Henan, Shanxi
Rhubarb Root	Rheum officinale	Root	Gansu, Qinghai, Sichuan
Rose Bud	Rosae rugosae flos	Flower	Gansu
Safflower	Carthamus tintorius	Flower	Xinjiang, Yunnan
Saffron	Crocus sativus	Flower	Tibet
Schisandra Fruit	Schisandra chinensis	Fruit	Northeast area
Scutellaria Root	Scuttellaria baicalensis	Root	Shaanxi, Shanxi, Hebei, Gansu, Shandong
Siberian solomonseal	Rhizoma polygonati	Root	Hunan, Guizhou
Star anise	Fructus anisi stellati	Fruit	Guangxi
Talcum	Talcum	Whole	Fujian
Thorowax Root	Bupleurum falcatum	Root	Hebei, Shaanxi
Tuckahoe	Poria cocos	Whole	Hubei, Yunnan
Turmeric	Curcurma longa	Root	Guangdong, Guangxi, Sichuan
Viper	Agkistrodon halys	Whole	Zhejiang

## PANAX GINSENG

Panax ginseng C.A. Meyer

#### **KEY INFORMATION**

Origin: Jilin, Heilongjiang, China Harvest Season: August to October Part Used: Root / Stem / Tail



#### BACKGROUND

Ginseng is a precious medicinal plant and is known as the "King of Herbs". The Latin name "Panax" is a combination of "Pan" (meaning "total") and "Axos" (meaning "medicine"). Modern medicine believes that ginseng has obvious effects on the nervous system, cardiovascular system, endocrine system, digestive system,reproductive system, respiratory system and surgical use.

Huisong also makes full use of its quality inspection advantages to classify and screen raw materials in order to provide customers with raw materials that meet different requirements such as JP, CP, USP, EU, EPA, EU organic, and Japanese food positive lists. Meanwhile, we can provide related processes such as cutting, powdering, extraction, and sterilization according to customer requirements.



Huisong Pharmaceuticals is committed to providing stable and reliable ginseng products. To ensure the stable supply and quality of ginseng, we established a subsidiary (Jilin Huishen Pharmaceutical Co., Ltd.) in Fusong County, Jilin Province in 2013, allowing the subsidiary to use Huisong's successful experience in ginseng GAP cultivation and to build a long-term relationship with the local farmers. We supervise the entire process of ginseng breeding, cultivation, and harvesting so that we can reduce pesticide residues and heavy metals as much as possible. At the same time, we guide and strictly control the use of pesticides. In addition, during the entire planting process, Huisong Pharmaceuticals regularly samples pesticide residues and heavy metals of the ginseng to guarantee the safety of raw materials to the greatest extent.



PLANTATION



HARVESTING



PROCESSING



EXTRACTION



TESTING



FINISH PRODUCTS

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## GINSENG SPECIFICATIONS

#### Raw Herbs

White/Red Ginseng Main Roots White/Red Ginseng Rootlets White/Red Ginseng Mixed Tails White/Red Ginseng Root Cuts White/Red Ginseng Root Powder

#### Extracts

2-50% Ginsenosides by HPLC Water soluble NOP and EU Organic



## **BEE PRODUCTS**



## **APPLICATION**

Pharmaceutical
Health supplements
Food & beverages
Cosmetics
Body wash & shampoo
And more



Each batch of raw material is tested for antibiotics and other key quality control points

Contract beekeepers are used to ensure the highest quality of fresh royal jelly

### **KEY PRODUCTS**

Fresh royal jelly Royal jelly powder Bee propolis Bee pollen granular





Rape pollen



Camellia Pollen



Bee Propolis Extract Powder



**Royal Jelly Powder** 



Royal Jelly Capsule



Bee Pollen Powder

## **CMO SERVICE**

720,000 ft <sup>2</sup> of GMP-certified pharmaceutical-grade production facility;

In-house CNAS laboratory capable of testing pesticide residues, heavy metals, aflatoxins, and other key quality control points



### DOSAGE FORMS AVAILABLE

Capsules
Tablets
Liquids
Packaged foods
Freeze-drying
Powdering
Granulation



End-to-end partnership from raw materials sourcing to final product

Cost control and quality advantages from harmonizing materials procurement and finished product manufacturing



Capsule



**Tablet** 



Sachet



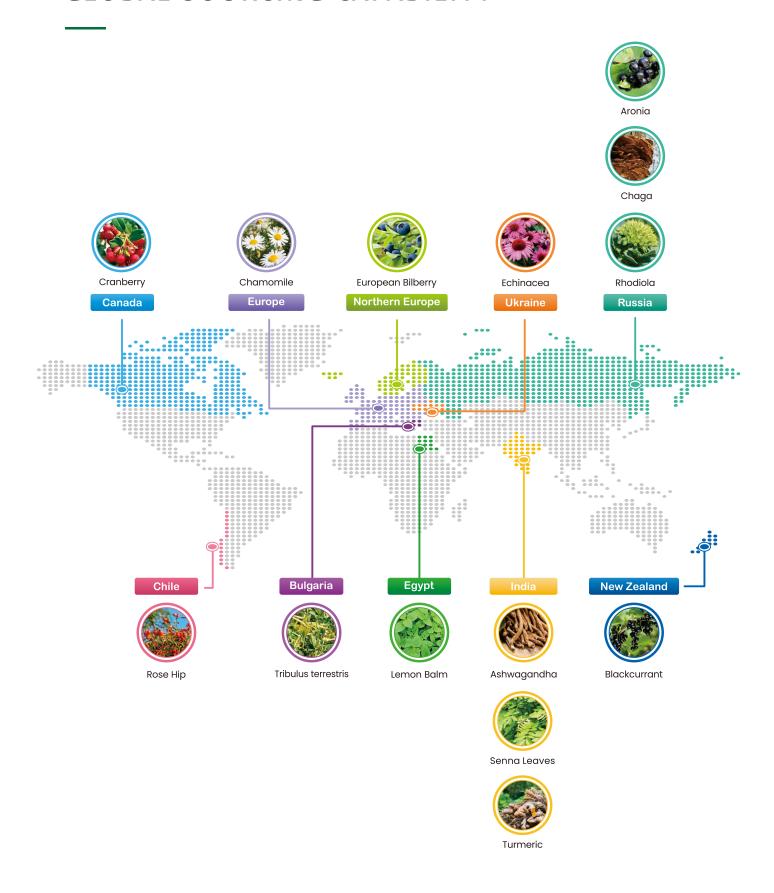
Liquid







# **GLOBAL SOURCING CAPABILITY**



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