



Micro & Nano Encapsulated  
Instant Herbal Extracts

Healthy Drinks Enriched With  
Microencapsulated Vitamins



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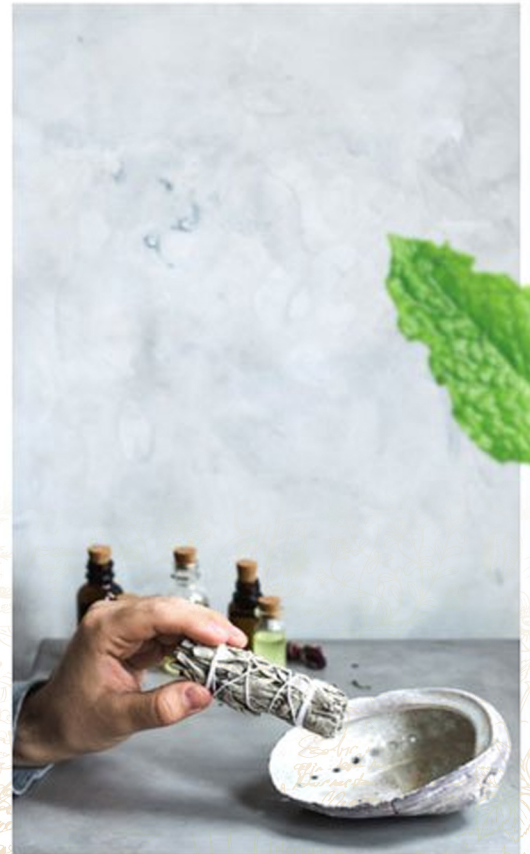
## Symphony of Herbs & Tastes In An Instant Sachet



It is a blend of microencapsulated herbal ingredients, microencapsulated vitamins and a herbal sweetener which are formulated together to achieve a pleasant taste.



A patented technology is applied, so that the blend is instantly dissolved in the hot water and a homogeneous clear hot drink becomes ready.





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# Production Process





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1

**HIBISCUS +**  
**VITAMINS C, D3, & E**

*Help with hypertension, boost your vitamins  
and enjoy a delicious drink*

2

**THYME +**  
**VITAMINS A, D3, & E**

*Burns fat, boost your vitamins and  
enjoy a delicious drink*





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972 92



## GREEN TEA BLENDS





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3

GREEN TEA +  
CINNAMON +  
STEVIA +  
VITAMINS D3, B6 & A

*Boost your immune system and enjoy a delicious drink*

4

GREEN TEA +  
LEMON BEERBRUSH  
+  
VITAMINS E, D3 & E

*Flavored green tea with vitamins*





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5



GREEN TEA +

SAFFRON +

STEVIA +

VITAMINS D3, B6 & A

*Boost your mode, and enjoy a delicious drink*





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## Why Zarmond drinks are extremely better than herbal infusion drinks?



- ✗ The mix of tastes after brewing remains still watery and usually not attractive.
- ✗ There is very little amount of extract available in the drink with very limited or no health benefits.
- ✗ Takes about 10 minutes to be prepared





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## Why Zarmond Herbal Drink is a New Paradigm?



**Instant herbal drink instead of teabags**



**Healthy certain dose of herb consumed by each drink**



**Patented technology excellent quality**



**Strong and pleasant natural taste ,aroma and color of the herb, available for various herb blends**



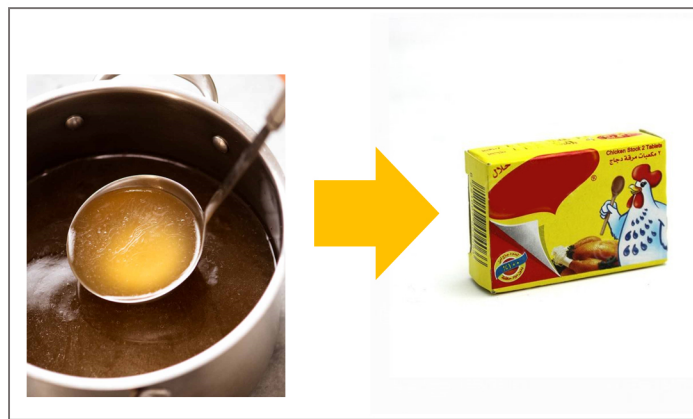
**total extract from natural plant, fortified with vital vitamins , no added sugar**



**Instant easily prepared**



## A Change Rooted in Value; as happened before





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# SAFFRON

## Saffron

Saffron with scientific name of *Crocus sativus* is the most expensive spice in the world. To harvest one kilogram of Saffron stigma, about 200,000 Saffron flowers are needed. Iran, as the largest Saffron producer in the world, annually produces about 250 tons of premium Saffron. Unfortunately, more than 85 percent of this Saffron is exported to other countries as a raw material with no any added value. The consumption of Saffron in Iran has a long history and it is one of the principle ingredients of our traditional medicine. It has been used for centuries for its anti-depressant activity, anti-inflammatory and pain relieving effects, aphrodisiac properties and ability to regulate menstruation.

Saffron has been used in Iranian traditional cuisine due to its delicate aroma, taste and color as the spice of Emperors. The active ingredients of Saffron, which produce its characteristic aroma, taste and color, all have therapeutic properties and are respectively safranal, picrocrocin and crocin.

In NanoAge encapsulated Saffron extract products, these molecules are protected and preserved properly, giving possibility to formulate them in various forms with different applications.

## Products:

- Saffron stigma extract supplement tablet
- Instant Saffron tablet
- Stigma cream
- Saffron petal cream
- Powder extract of Saffron stigma
- Granule extract of Saffron stigma

## Saffron stigma extract supplement and effervescent tablets

Saffron stigma extract tablet with standard amount of active materials is a potent natural antioxidant. The product is designed for use as antidepressant, aphrodisiac and for menstruation problems.

The instant saffron tablet is a product to prepare a quick saffron refreshment. Just put one of these pills in a glass of cold or warm water and prepare a drink with a pleasant flavor and pleasant color of saffron in seconds.

## Saffron stigma extract supplement tablet

**Package:** 60 tablet for a two month period

**Therapeutic effects:** antidepressant, aphrodisiac and regulator for menstruation problems.

## Tabletas suplemento de extracto de estigma de azafrán

**Presentación:** 60 tabletas, para un período de dos meses.

**Efectos terapéuticos:** antidepresivo, afrodisíaco y regulador en problemas de menstruación.

## Powder and granule extract of saffron stigma

Powder and granule of saffron stigma encapsulated extract are designed for use by industries which are producing saffron products, spices blends, desserts, ice cream, beverages, flavors, in restaurants and by other consumers of saffron extract. These products are easy to use and will give more freedom to manufacturer in their formulations. Because of encapsulation they are more stable as bulk materials and finished products in storage with higher shelf life.



## Encapsulated extract powder of saffron stigma

**Package:** 1 kg double bags.

**Uses:** food, cosmetics, pharmaceuticals and for production of saffron-based formulations

## Extracto encapsulado en polvo de estigma de azafrán (Fotos)

**Presentación:** bolsas dobles de 1 kg.

**Usos:** alimentos, cosméticos, productos farmacéuticos y para la producción de formulaciones a base de azafrán.





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# CURCUMIN

## Curcumin

Curcumin is the active ingredient of Turmeric or Curcuma longa rhizome. Consumption of this material has several thousand years history and is one of the main ingredients of Ayurveda medicine, the traditional medicine of India. The main properties of the turmeric drug are due to its powerful antioxidant material, curcumin. This pigment has potent anti-inflammatory and antioxidant properties and exists in about 2-3% in turmeric.

The effect of curcumin in reducing the body's oxidative reactions, such as skin wrinkling, cell aging, joint inflammation, rheumatism and arthritis, Alzheimer and cancer has been shown. Just now there is more than 200 clinical trials in the world on this molecule. Despite the properties listed for curcumin, this substance is insoluble in water. Insufficient dissolution of curcumin causes no drug flow in the intercellular fluids and absorption of blood, and therefore oral or topical administration of the drug has very little effect. In NanoAge encapsulated products including the encapsulated curcumin, drug will obtain a hydrophilic character which will enhances its absorption capacity and efficacy.

The product has a higher absorption comparing with other products in the market, and so far with less quantity had more effects.



### Micro/Nano encapsulated Curcumin tablet

**Package:** 60 tablet in one package for a one-month period.

**Therapeutic effects:** Anti-aging, anti-Alzheimer, anti-tumor, anti-arthritis and rheumatism.

### Tableta de curcumina micro / nano encapsulada

**Efectos terapéuticos:** 60 tabletas, paquete para un anti-envejecimiento, anti-Alzheimer, antitumoral, anti-artritis y reumatismo.



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# STEVIA

## Stevia

Stevia rebaudiana or what so called “leaf sweet” in Persian traditional medicine, is a herb native to south America. This leaf traditionally used as sweetener in beverages in the area. The glycosides in leaves are up to 300 times sweeter than table sugar. Stevia extract is calorie free and is a good choice for replacing glucose sweeteners. A small amount of impurities in the extract causes bitter taste and makes it unfit for use in food and medicine. Therefore, a high purity extract is required for these applications.

The pure stevia glycoside extract used in food and drug, is mainly rebaudioside A, with a purity of more than 98%. Stevia extract can regulate blood pressure and is very useful for diabetic individuals. Replacing sugar by stevia extract will produce weight loss. Stevia glycoside extract is an ideal choice for use by diabetic person, people who likes to lose weight or eliminate sugar from diet and replace it with a healthy sweetener.

Stevia extracts of NanoAge are produced to answer all of these demands.



## 1X granulated stevia sachet

**Package:** 50 sachet in a package

**Uses:** Suitable for use in house to replace regular sugars, to prepare sugar-free, calorie-free candies

**Dosage:** One sachet is enough for sweeten a cup of refreshment, tea or coffee.

**Advantages:** Natural sweetener, calorie and energy free

## 1X bolsita de stevia granulada

**Presentación:** 50 bolsitas en un paquete.

**Usos:** Adecuado para usar en casa para reemplazar azúcares regulares, preparar dulces sin azucar y sin calorías

**Dosis:** una bolsita es suficiente para endulzar una taza de refresco, té o café.

**Ventajas:** edulcorante natural, libre de calorías y energía.



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# BERGAMOT

## Bergamot

Bergamot essential oil is obtained from the peel of Citrus bergamia fruit by the cold compression method. Bergamot aroma and taste is similar to Lemon, but is more delicate and pleasant and so it is very good choice to blend it with tea.



The oil is stimulant and has anti-depressant and antispasmodic properties. Principle constituent of bergamot oil are alpha pinene, limonene and bergamyl acetate. Essential oils are very volatile and difficult to add them directly to a blend, since they will evaporate rapidly. So, before incorporating them into any product, it is necessary to overcome the issue.

NanoAge technology for stabilize essential oils resolves the problem by encapsulating the oil, which will provide stable, non-volatile powder of essential oils. These formulations are stable, easy to blend, water soluble and resistant to light or oxygen. Encapsulated bergamot oils of NanoAge are in different shapes and colors, for flavoring various teas.



## Encapsulated bergamot oil

**Shapes:** Extrude, Granule, Powder in tea color, Product Benefits: Stable encapsulated oil, water soluble, with color of tea, easy for dosage adjustment and specially prepared for tea aromatization. The oil is stable in blend and will release only by brewing  
**Package:** One kilogram double bags  
**Uses:** Tea aromatization

## Aceite de bergamota encapsulado

**Formas:** extrusión, gránulo, polvo en color de té, Beneficios del producto: Aceite encapsulado estable, soluble en agua, con color de té, fácil de ajustar la dosis y especialmente preparado para la aromatización del té. El aceite es estable en mezcla y se liberará solo durante la elaboración del mismo  
**Presentación:** 1 Kg. en bolsas dobles  
**Usos:** aromatización de té



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# MINT

## Mint

Mint is a perennial herb with very rapid growth. This plant has various varieties and has long been used as one of the components of traditional Iranian medicine, as well as traditional medicine of China and India. Mentha piperita or peppermint has a maximum of 1% essential oil, which is composed from menthol and its derivatives. Mint oil has wide application in pharmaceutical and food industries. The second variety Mentha spicata spearmint has less oil which is milder than peppermint. The main ingredients are Carvone and its derivatives. Spearmint is used mostly in pharmaceutical and perfumery industries and has been used less in the food industry.

Mint oil constitutes from hydrophobic compounds, and there are limits to their use in water-based products because the oil will separate from water immediately. Micro encapsulated mint oil of NanoAge is hydrophilic complex, stable, non volatile and water soluble.

New formulation opportunities based on solid and watersoluble mint oil will be possible by this technology.



## Mint oil encapsulated granule

**Package:** 100 g in PE jar

**Uses:** Suitable for prepare various mint products like, drink, spirit, pharmaceuticals, supplements, tea, toothpaste, chewing gum, ice cream, aromatherapy products, ...

**Dosage:** A tea spoon for 200 ml mint drink

**Advantages:** mint oil soluble in cold and hot water, resistance to temperature



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### Thyme

Thyme is a very versatile herb whose history dates back thousands of years. It has notable antibiotic, antiseptic, antiviral, and diuretic properties useful in treating a variety of ailments. Thyme extract contains phenolic essential oils and high levels of vitamins and minerals. The oil contains thymol, borneol, carvacrol and linalool which are powerful antibiotics. The infusion is good for dry, whooping, acute, and chronic respiratory complaints and is very successful at treating bronchitis as well as soothing asthma and laryngitis.



# Herbals



### Lemon Verbena

Aloysia citriodora or lemon verbena is a "lemony" citrus scented herb with a wide range of medicinal properties. Lemon verbena benefits include relief from common digestive complaints, easing joint pain, skin conditions, sleeping trouble, hemorrhoids, varicose veins, colds, fever and chills. Polyphenols from lemon verbena have the potential for cure obesity by increasing satiety and fullness plus decreased hunger. The antioxidant-rich lemon verbena extract helped to protect muscles in oxidative damage and improve joint status in people with joint discomfort.



### Green tea

Green tea is rich in polyphenols that have effects like reducing inflammation and helping to fight cancer. This tea is about 30 percent polyphenols by weight, including large amounts of a catechin called EGCG. Catechins are natural antioxidants that help prevent cell damage by reducing the formation of free radicals. These free radicals are known to play a role in aging and all sorts of diseases.







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#### Rose

Rosa damascena, is domestic of eastern Asia and the best quality comes from Iran. Infusion of flower is very healthy and delicious. The infusion can reduce inflammation in various parts of the body and to ease coughing. It is also effective to treat emotional symptoms like depression, grief, and anxiety. Rose infusion is fragrant, fruity and packed with vitamin C and antioxidants making it the ideal drink when your body needs a boost.



## Herbals



#### Valerian

With a history stretching back to at least Ancient Greece and Rome, the Valerian has been used as a sleep aid, for anxiety relief, as a cure for epilepsy and nervous disorders. The most popular use of this versatile herb is, as a sleep aid. Valerianic acid and valerenol contained in the Valerian act as anti-anxiety agents, stabilizing the central nervous system. Valerian root acts as a powerful muscle relaxant and can be especially helpful in easing menstrual cramps.



#### Neroli

Bitter orange is a tree that belongs to the Rutaceae family and it is native to tropical Asia. The bitter orange flower infusion is used for gastrointestinal disorders including ulcers in the intestine, constipation, diarrhea, blood infections, and intestinal gas. It is also used for regulating fat levels in the blood, lowering blood sugar in people with diabetes, stimulating the heart and circulation, disorders of liver and gallbladder, kidney and as a sedative for sleep disorders.





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#### Borage

Echium amoenum, or borage is used widely in Middle East, Iran, China and India. It is one of the important medicinal herbs in traditional Iranian medicine. The active ingredients in this plant includes anthocyanidine, flavonoid aglycons and mucilage. Borage is antidepressant, antiseptic, antifungal and can help to reduce nausea, kidney inflammation, reduction of bronchitis, treatment of colds and also regenerating skin cells. It also can regulate sleeping problems.



## Herbals



#### Peppermint

Peppermint is one of the most commonly used herb in the world. While it is most popularly used to support digestive tract health, it also has antioxidant, anticancer, antibacterial and antiviral properties. Peppermint relieve indigestion, nausea and stomach pain. Therefore, when you experience digestive discomfort, whether it be from cramping, nausea or indigestion, peppermint extract is a great natural remedy to try.



#### Chamomile

The dried flowers of chamomile that is native of western Europe contain many terpenoids and flavonoids contributing to its medicinal properties Chamomile flower is most commonly known for its calming effects and is frequently used as a sleep aid. It is also an antibacterial, anti-inflammatory and liver-protecting effects. Chamomile extract reduces symptoms of premenstrual syndrome, while in people with type 2 diabetes saw improvements in blood glucose, insulin and blood lipid levels.



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### Ginger

Zingiber officinale or ginger native to south eastern Asia is a spicy and flavorful drink that packs a punch of healthy, disease-fighting antioxidants. It also helps fight inflammation and stimulates the immune system, but it's most well known for being an effective remedy for nausea. Ginger can prevent stomach ulcers and relieve indigestion or constipation. It can help to relieve dysmenorrhea, or period pain.



# Herbals



### Echinacea

Echinacea is native to Rocky Mountains in the United States. It is also grown in western States, as well as in Canada and Europe. Echinacea extract is a popular remedy to prevent and shorten the common cold. It helps to boost the immune system, which could fight off viruses or infections. Echinacea is also used against other types of infections including urinary tract, ear and throat infections.



### Sage

Salvia or Sage have been used for a long time in traditional medicine for the relief of pain, protecting the body against oxidative stress, free radical damages, angiogenesis, inflammation, bacterial and virus infection. This herb have been used in Asia and Middle East, especially in China and India for several centuries. Sage extract is well known for medicinal properties, especially for brain health and Alzheimer's disease, improve mood, mental function and memory. Sage extract improved blood lipid levels also.



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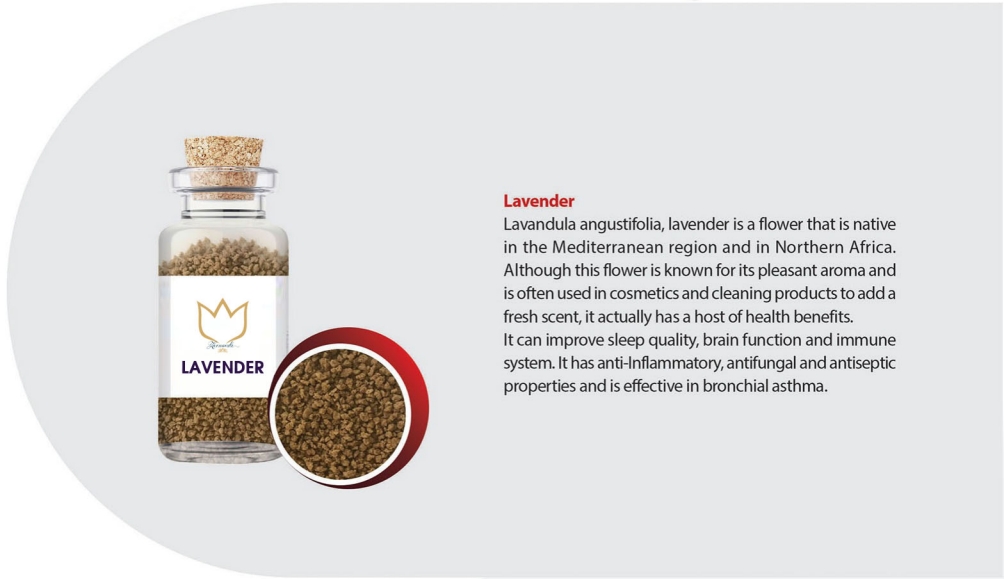


#### Lemon Balm

Lemon balm extract has a light, lemony flavor and seems to have health-promoting properties. Lemon balm extract can improve elasticity of the arteries. Arterial stiffness is considered a risk factor for heart disease, stroke and mental decline. This herb can also improve high blood lipid levels. Lemon balm can improve mood and mental performance, calmness and memory. It also can reduce the frequency of heart palpitations and anxiety.



# Herbals



#### Lavender

Lavandula angustifolia, lavender is a flower that is native in the Mediterranean region and in Northern Africa. Although this flower is known for its pleasant aroma and is often used in cosmetics and cleaning products to add a fresh scent, it actually has a host of health benefits. It can improve sleep quality, brain function and immune system. It has anti-inflammatory, antifungal and antiseptic properties and is effective in bronchial asthma.





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## Nano & Microencapsulation Products

### Microencapsulated Products ( Powders / Granules)

Orange Oil	Golden Milk
Mint Oil	Masala Tea
Bergamot Oil	Sucralose
Strawberry Flavor	Maleic Acid
Capuccino Flavor	Caffeine
Caramel Flavor	Spirulina Extract
Banana Flavor	Anise Extract
Lavender Extract	Geranium Oil
Saffron Extract	Potassium Iodide
Echinacea Extract	1X-6 Stevia Extract
Thyme Extract	10X-6 Stevia Extract
Chamomile Extract	50X-6 Stevia Extract
Lemon Verbena Extract	1X-7 Stevia Extract
Neroli Extract	10X-7 Stevia Extract
Hibiscus Extract	50X-7 Stevia Extract
Green Tea Extract	Licorice Extract
Cinnamon Extract	Silymarin Extract
Ginger Extract	Boswellia Extract
Valerian Extract	Fennel Extract
Borage Extract	Ajwain Extract
Rose Extract	Cumin Extract
Mint Extract	Caraway Extract
Sage Extract	Malic Acid
Lemon Balm Extract	Fluoride
Cardamom Extract	CO Q10
Vitamin E	Hyaluronic Acid
Vitamin A	Ginseng Extract
Vitamin B1	Primix Vitamin D3
Vitamin B6	Premix Vitamin D3 , Folic Acid & Ferrous Sulfate
Vitamin D3	Thyme Oil
Vitamin C	Savory oil
Iron phyrophosphate	CBD Oil
Hydrolyzed Collagen Type 2	Calcium Hydroxy Apatite
Royal Jelly	
Curcumin	

**All the products are water soluble**



“ Micro & Nano Encapsulation Natural Drink”





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