



## SHORT SUPPLY CHAIN

Close and transparent collaboration with Italian suppliers to maintain an ethical and short supply chain.

### Our commitment: Italian Quality

From the plant to the finished product, our commitment to sustainability guides every step. Partnering with trusted Italian suppliers allows us to deliver premium, locally sourced products through an ethical and transparent supply chain.

#### Advantages

- Higher quality raw materials
- Regulation-compliant resources
- Reduced environment impact

#### ► Cultivated entirely on Italian soil - Sustainable concept

Our raw materials come from selected Italian cultivations, managed responsibly and sustainably. The short supply chain allows us to ensure high-quality standards and a reduced environmental impact. Upon request, we can also carry out dedicated LCA studies to assess and communicate product sustainability throughout its entire life cycle.



ITALIAN ORIGIN



SHORT SUPPLY CHAIN



LIFE CYCLE ASSESSMENT

#### 5 special extracts

Perilla



Passionflower



Echinacea



Grindelia



Tarassaco



## PERILLA'S DRIED GRANULATED EXTRACT A TREASURE FROM NATURE



- ▶ Plant part: leaves
- ▶ Extraction solvent: ethanol/water

Perilla frutescens is a botanical remedy belonging to the Lamiaceae family that is widely distributed throughout the world, although the greatest concentration and best knowledge comes from Asian countries. In fact, the medicinal use of Perilla and its constituents has been widely applied in traditional Chinese medicine for the treatment of various problems such as **colds, headaches, coughs, digestive disorders and gastroenteritis** caused by food poisoning. The main biochemically active constituents are: **Rosmarinic acid, luteolin, apigenin, caffeic acid, chrysoeriol and its derivatives.**

### APPROVED CLAIMS

**Perilla frutescens** supports the body's natural defenses

### AN ALLY FOR WELL-BEING

Beneficial effects from Perilla have been demonstrated mainly in vivo and in vitro. Human studies are still evolving.

However, the scientific community has recognized the following specific effects of Perilla leaf extracts:

- ▶ Anti-allergic (leaf)
- ▶ Antioxidant (polyphenols, mainly luteolin and rosmarinic acid)
- ▶ Immunomodulant (leaf)
- ▶ Lipid lowering (thanks to flavonoids)
- ▶ Anti-depressant / Neuromodulant (mainly rosmarinic acid and caffeic acid).

## PASSIONFLOWER'S DRIED GRANULATED EXTRACT ANTISTRESS AND MENTAL WELLBEING REMEDY



- ▶ Plant part: flower/herb
- ▶ Extraction solvent: ethanol/water

Passion flower is an herbaceous perennial plant native to the United States, Argentina and Brazil, known in herbal medicine and tradition for its relaxing and sedative properties. For this reason, it has become a widely used remedy in the treatment of conditions characterized by **restlessness and insomnia**, but it also appears to be effective in **relaxing states of muscle tension**. The chemical constituents contained in Passionflower are many, however the prominent elements, to which the plant's beneficial activities are attributed, are **flavonoids**.

### APPROVED CLAIMS

**Passiflora incarnata** supports relaxation (sleep; in case of stress), mental well-being, regular gastrointestinal motility and elimination of gas.

### ID2636 PENDING

**Passiflora incarnata** helps to **induce calm, rest and sleep**; helps to **calm down** after arguments and excitedness; is recommended to people feeling weak and fatigued; helps to **induce relaxation**.

### NEUROLOGICAL HEALTH

Beneficial effects from Passiflora have been demonstrated even if larger clinical studies are needed

However, the traditional use has identified the following specific effects of Passiflora extracts:

- ▶ Muscle spasms
- ▶ Irritability, nervousness, restlessness and agitation
- ▶ Tachycardia
- ▶ Anxiety
- ▶ Gastrointestinal disorders from nervous origin

## ECHINACEA'S DRIED GRANULATED EXTRACT A TRADITIONAL IMMUNE SUPPORT



- ▶ Plant part: root
- ▶ Extraction solvent: ethanol/water

Echinacea (*Echinacea pallida* Nutt.), also called coneflower, is a herbaceous plant of the Asteraceae family, native to North America. It has been used medicinally by indigenous tribes to **treat colds, coughs and inflammatory conditions of the throat and oral cavity, to treat wounds and against insect and snake bites**. The distinctive constituents of echinacea are **polyphenols**, in particular **caffeic acid derivatives** (e.g. chlorogenic acid, caffeoyl, chlorogenic acid and echinacoside), **polysaccharides, alkylamides, glycoproteins and terpenes**.

### APPROVED CLAIMS

**Echinacea pallida** body's natural defences. Functionality of the respiratory tract. Antioxidant.

### AN ALLY FOR NEUROLOGICAL HEALTH

Beneficial effects from Echinacea pallida are well known and all related to respiratory tract well being.

It can be useful for:

- ▶ Cough and Colds
- ▶ Inflammatory conditions of the throat and oral cavity
- ▶ Wounds and against insect and snake bites

## TARASSACO'S DRIED GRANULAD EXTRACT

A WELL KNOWN DETOX REMEDY



- ▶ Plant part: leaves
- ▶ Extraction solvent: ethanol/water

Taraxacum officinale, the dandelion or common dandelion, is a herbaceous perennial flowering plant in the daisy family, Asteraceae. Tarassaco root's extract is useful for those who wish to increase diuresis and/ or bile synthesis and flow, in order to purify, decongest, detoxify the liver. Taraxacum officinale contains a large number of **pharmacologically active compounds**, among which the following are of particular interest: **Flavonoids, including luteolin, apigenin, isocercitrin (a compound similar to quercetin), caffeic acid and chlorogenic acid; Terpenoids; Triterpenes; Sesquiterpenes.**

### APPROVED CLAIMS

**Taraxacum Officinale** Digestive and hepatic function, purifying action on the body, drainage of body fluids.

### AN ALLY FOR NEUROLOGICAL HEALTH

Tarassaco's beneficial effect on the body are several.

It supports:

- ▶ Digestive and hepatic function
- ▶ Purifying action on the body
- ▶ Drainage of the body fluids

## GRINDELIA'S DRIED GRANULATED EXTRACT

TRADITIONAL USE IN COUGH & COLD



- ▶ Plant part: flower top and leaves
- ▶ Extraction solvent: ethanol/water

Grindelia robusta is a botanical native to western North America and Mexico, whose dried flowering tops are used. The **beneficial effects of Grindelia are supported by commission EU and by numerous scientific publications.** The active ingredients that ensure the effectiveness of the plant are mainly **resins, flavonoids and triterpene saponins, tannins, grindelic acid, polyphenols.**

### APPROVED CLAIMS

**Grindelia robusta** Nutt. Soothing effect. Emollient and soothing action (oropharyngeal mucosa) and voice tone. Functionality of the upper respiratory tract.

### GRINDELIA CLAIMS A TRADITIONAL USE FOR THE MANAGEMENT OF:

- ▶ Catarrh of the upper respiratory tract
- ▶ The common cold
- ▶ Asthma
- ▶ Bronchitis
- ▶ Whooping cough

Recognized its antispasmodic and expectorant abilities

## Physical and Chemical specifications for every herbal extracts

- ▶ Pesticides in accordance with Reg. CE 396/2005 and updated amendments.
- ▶ Residual solvents in accordance with Dir. CE 2009/32
- ▶ Total Aflatoxins <10 ppb in accordance with Reg. CE 915/2023
- ▶ Microbiological parameters controlled
- ▶ API in accordance with Reg. CE 915/2023
- ▶ Heavy metals in accordance with Reg. CE 915/2023 and Eur. Ph. 7th ed.
- ▶ Allergens-free in accordance with Reg. CE 915/2023
- ▶ Not irradiated product Dir. 1992/2/CE, 1993/3/CE, Dlgs. 94 30/01/2001.
- ▶ **Gluten-free and suitable for vegans**