

EuroMedica®

Bio-Typed Essential Oils:

Taking Natural Medicine to a Higher Level



*Up to 100 Times More
Concentrated Than
Standard Plant Extracts*

- Verified Safe and Pure for Internal Use
- Tested and Fingerprinted for: Molecular Makeup, Marker Compounds, Specific Species, Purity, and Safety for Internal Use
- Delivers Powerful Benefits at Very Low Doses



Eucalyptus



Thyme



Black Spruce



Peppermint

Fingerprinting

Similar to people, plant oils have a distinct fingerprint that is absolutely unique. In the case of Bio-Typed plant oils, “fingerprinting” (i.e., testing) is conducted to verify identification of the specific:

- Plant species
- Oil concentration
- Biochemical makeup
- Levels of key marker compounds

Species • Molecular Makeup • Marker Compounds

Climate, soil composition, plant part, harvest period, the presence/absence of natural plant/animal enemies, etc., are all factors that influence the natural biochemical makeup of plant oils. The structure of each oil consists of a series of individual molecules (or groups of molecules) specific to each plant oil. This is what accounts for the very diverse range of properties, even among plants in the same genus.

Plant oils can be classified according to those specific molecules, known as a “marker compounds.” In Bio-typed oils, every marker compound has been clearly identified to eliminate confusion with another plant oil.

Concentration

An herbal product that contains a 200:1 extract is considered to be very highly concentrated — and it is, requiring 200 kilograms of plant material to make 1 kg of the extract. In the case of Bio-Typed plant oils, several **tons** of plant material may be necessary to yield just one liter (33 oz.) of concentrated oil. The extraordinary potency of Bio-Typed plant oils is a real plus — making it possible to deliver extremely strong benefits at very low doses.

The production of 1 quart (1 liter) of essential oil requires

1,450 lbs.

2,200 lbs.

1,200 lbs.



of **BAY**
leaves



of **OREGANO**
flowering tops



of **MYRTLE**
twigs

Purity & Safety

The rigorous testing each Bio-Typed plant oil is subjected to ensures their purity and safety. However, due to the potency of these plant oils, they are generally recommended to be used by individuals over 6 years of age.

Bio-Typed Essential Oils – Taking Natural Medicine to a Higher Level

When most of us hear the term “plant oils,” we immediately think “aromatherapy”, but there are specialized types of essential oils, called **Bio-Typed** oils, that are *intended* for internal use.

History of Bio-Typed Essential Oils

Recognized for their powerful therapeutic properties, essential oils have been used traditionally for millennia. Today, scientists in Europe continue to advance the reputation, efficacy, and extraordinary diversity of essential oils by developing specialized, Bio-Typed essential oils for internal use.

How do Bio-Typed Essential Oils Differ from Essential Oils Used in Aromatherapy?

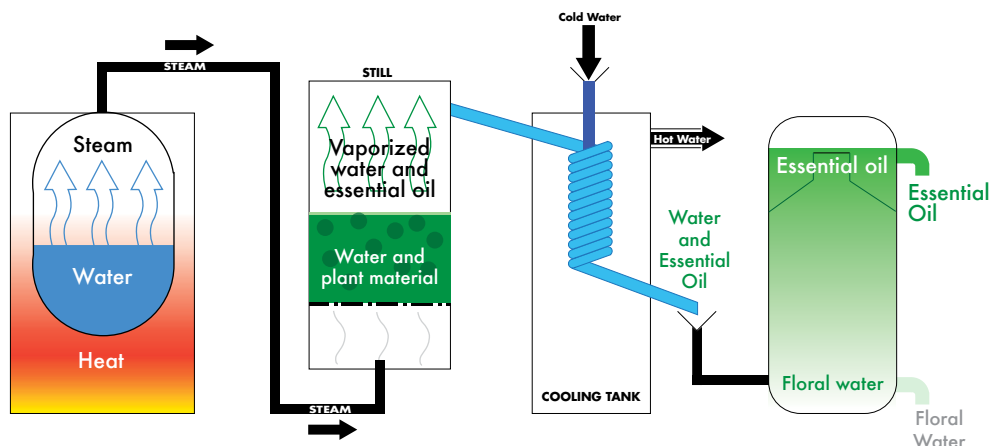
Bio-Typed plant oils are tested and fingerprinted based on their specific:

- Molecular makeup
- Species
- Marker compounds
- Purity
- Safety for internal medicinal use

The rigorous testing of Bio-Typed oils accurately identifies the elements of their natural chemical composition, which in some cases contain as many as 300 biochemically distinct molecules. **Bio-Typed oils are up to 100 times more concentrated than herbal extracts, offering high potency with nutritional benefits at relatively low doses.** Dose-to-dose consistency and ease-of-use is further ensured by the softgel delivery form.

How are Bio-Typed Essential Oils Extracted?

Most essential oils are obtained by distillation through the passage of steam under low pressure. The process consists of having steam pass through a tank filled with plant material. The steam enriched with essential oil then goes through a coil, where it condenses. The water and essential oil are then collected and separated by their differing densities.



FAQ's on Bio-Typed Essential Oils

1. Are your oils genuine? Are they completely natural, meaning NO synthetic additives?

Yes, all of EuroMedica's Bio-Typed oil blends:

- Contain pure essential oils in an Extra Virgin olive oil base
- Are grown and extracted without synthetic or harmful fertilizers, pesticides, or solvents
- Are stringently evaluated for
 - Botanical species
 - Country of origin
 - Growing conditions
 - Harvesting and extraction method
 - Which part of the plant is used
- Every lot of material is tested using GC/MS (gas chromatography/mass spectrometry) to verify its chemical composition and ensure that it is all-natural and completely free of synthetic additives, with the most rigorous controls in place for quality assurance.

2. Are your oils true to their plant of origin, meaning they are not decolorized, recolored, or deterpenated?

Yes, all of EuroMedica's Bio-Typed oil blends contain only pure oils of the highest quality—undiluted in a base of Extra Virgin olive oil and unadulterated.

Immune Support*



#E03230 30 Softgels

Virasara™ Powerful Immune Support*

Virasara™ provides a synergistic blend of powerful plant oils that have traditionally been used to provide strong immune defense and support well-being.*

Virasara™ features a specialized blend of **Ravensara** (*Ravensara aromatica*), **Myrtle** (*Myrtus communis*), **Thyme** (*Thymus satureioides*), and **Bay** (*Laurus nobilis*) Bio-Typed plant oils. While each plant oil contributes synergistic benefits, the Bio-Typed oil of *Ravensara aromatica* is one of the key ingredients in Virasara. Known in its native Madagascar as the “tree with good leaves” because of its many health supportive benefits, it was first noted by European traders in the 1640s, being used—like so many of the most effective herbs—as both a seasoning and a traditional medicine. Because Ravensara is a precious and rare ingredient, great focus is put on sustainably harvesting this unique material.

Ravensara shares many of the same beneficial compounds with eucalyptus, including 1,8 cineole, alpha pinene, and limonene.^{1,2} Ravensara has been used for many purposes, including topical immune defense support, strong antioxidant defense, and internal bacterial balance.*¹⁻⁴

Recommended Dosage: For everyday use and especially during seasonal challenges, 1 softgel daily. May increase to 3 softgels daily if additional support needed.



#SINEM 30 Softgels

Sinutol EM™ Sinus Cavity and Mucous Membrane Support*

Sinutol EM™ provides all-natural, highly effective support for the bronchi, lungs, sinuses, and entire upper respiratory function. This powerful formula helps to maintain clear nasal passages by promoting sinus cilia activity for improved mucous drainage, enhancing smooth muscle tissue relaxation, and supporting a healthy inflammation response.*

Sinutol EM™ features a unique combination of **Eucalyptus** (*Eucalyptus globulus*) and **Myrtle** (*Myrtus communis cineole*) Bio-Typed plant oils, both of which contain the beneficial compound, 1,8 cineole.^{5,6} In fact, the Eucalyptus oil in Sinutol EM™ is *standardized to contain 70-85% cineole*. Eucalyptus has long been studied and shown to support sinus health and maintenance of clear bronchial passages.⁷⁻⁹ Like eucalyptus, Myrtle has been used in herbal preparations for centuries. In addition to supporting respiratory health, recent research has shown that it supports healthy immune activity as well.^{10,11} This unique combination of Eucalyptus oil and Myrtle oil provides soothing relief and is highly supportive for all respiratory functions.*

Unlike other remedies, Sinutol EM™ does not cause jitteriness or fatigue. Because it is not a stimulant, it is safe for individuals with heart or blood pressure concerns.

Recommended Dosage: 1-2 softgels three times daily. Sinutol EM™ can be used in two ways: either by swallowing the capsule (which is effective) or allowing it to dissolve in the mouth before swallowing, to savor its bold aromatic properties.



#ER0068 60 Softgels

Wild Moroccan Oregano™ Healthy Immune Response Support*

Wild Moroccan Oregano™ features a powerful **Moroccan Oregano** (*Origanum compactum*) Bio-Typed oil to support overall health. This native Moroccan botanical has been used traditionally for generations. Now, modern day science has been able to shed light on Moroccan Oregano's ability to support the body's natural immune defense system.¹²⁻¹⁵ Its powerful plant phenols also show antioxidant activity, another key to optimum health.*¹² Wild Moroccan Oregano™ provides a Bio-Typed oil with the correct proportions of carvacol and thymol, the plant's powerful compounds, at dosage levels that show the most benefit.

This supplement is perfect for promoting healthy microflora balance, maintaining respiratory function, and total immune support.*

Recommended Dosage: 1 to 2 softgels daily.

Energy and Digestive Support*



#ER1035 30 Softgels

EM Energy™ Supports Sustained Energy Levels*

The Bio-Typed plant oils in **EM Energy™** provide **safe, non-stimulating, sustained energy**. Traditionally used as general tonics to improve physical and mental energy, the natural compounds in the **Scots pine** (*Pinus sylvestris*), **Black Spruce** (*Picea mariana*), and **Thyme** (*Thymus satureioides*) have now been shown to provide support for the hypothalamus-pituitary-adrenal (HPA) axis, which aids in regulation of mood, sexuality, alertness and energy.*

Oils from the needles of the Scots pine are used as a natural energy promoter. The effects are believed to be due to the ability of compounds in the oil to influence the body's stress response and balance the HPA axis.¹⁶ Like Scots Pine, the Black Spruce contains plant compounds in its oils which support the HPA axis.¹⁷ Thyme plant oils are often recommended as a general tonic to improve physical, mental, and sexual health.*¹⁸

EM Energy™ is not a stimulant and will not cause jitters. It does not contain caffeine or sugar.

Recommended Dosage: 1 to 2 softgels at breakfast, or use as needed.



#ER0069 60 Softgels

Pure Digestion™ Soothing Gastrointestinal Comfort and Complete Digestion*

Pure Digestion™ provides the powerful, Bio-Typed oils of seven botanicals that are well known for supporting healthy, comfortable digestion and bacterial balance:*

Peppermint (*Mentha piperita*) supports a healthy intestinal environment and aids in relieving digestive complaints such as indigestion and discomfort.*^{19,20}

Lemon (*Citrus limon zeste*) is well known as a digestive tonic, and helps activate liver and pancreatic functions for more complete digestion as well.*²¹

Basil (*Ocimum basilicum*) promotes healthy digestion, and supports healthy bacterial balance in the intestines. Aside from being a strong antioxidant, rosmarinic acid—a compound in basil—has been shown in laboratory studies to help reduce anxiety and relieve stress—two major, and often overlooked, factors in digestive health.*^{22,23}

Cumin (*Cuminum cyminum*) traditionally used to support digestive health and regularity, the compound in cumin also provides strong support for healthy bacterial balance.*²⁴

Bay (*Laurus nobilis*) provides strong support for healthy intestinal bacteria balance.*²⁵⁻²⁷

Coriander (*Coriandrum sativum*) supports healthy gastric spasmolytic function, and healthy bacterial balance.*^{28,29}

Caraway (*Carum carvil*), like coriander, also supports the healthy digestive action of the intestines and helps promote a healthy bacterial balance.*^{30,31}

Recommended Dosage: One softgel with each meal as needed for soothing comfort. Can be taken before, during or after mealtime.



#ER4067 60 Softgels

Candidasil™ Maintains Healthy Yeast Balance*

Maintaining yeast balance can be challenging. Finding an approach that works naturally requires having the right blend of ingredients. **Candidasil™** provides four Bio-Typed oils that support healthy intestinal flora and the balance of Candida and other naturally-occurring yeasts in the body.*

This powerful formula includes the strong Bio-Typed oil of **Ravensara** (*Ravensara aromatica*), fresh from the leaves of the *Ravensara aromatica* tree. When combined with the highly efficacious Bio-typed plant oils of **Thyme** (*Thymus satureioides*), **Eucalyptus** (*Eucalyptus radiata*), and **Clove** (*Eugenia caryophyllus*), the result is a formula that supports proper intestinal balance and provides systemic effects as well.*

Recommended Dosage: 2 softgels daily, may increase up to 4 daily if desired.

EuroMedica®: The Professionals' Choice

Providing trusted natural medicine products for health professionals, EuroMedica® specializes in bringing proven natural medicines to the United States and developing unique formulas containing clinically tested, safe and effective ingredients.

A History of Quality

EuroMedica's professional supplements provide clinically-tested, effective ingredients and are produced following strict adherence to current Good Manufacturing Practices (cGMPs). EuroMedica ensures that every product — from raw materials to completed formulations — comply with the highest standards, including: purity and accuracy, product labeling, storage, stability, and shipping. We are committed to improving the health of America and believe that our quality standards reflect that promise.

EuroMedica is best known for its clinically studied BCM-95® curcumin products, including:

- **ArthroMed™** Clinically Proven Ingredients for Joint and Spine Health, Flexibility and Comfort*
- **CuraMax®** Safely Promotes a Healthy Inflammation Response, Supporting Healthy Cell Growth and Neurological Health*
- **Curaphen®** Professional Pain Formula*†
- **CuraPro®** Powerful Antioxidant, Healthy Inflammation Response*
- **Inflama-Med®** Supports Upper Respiratory and Intestinal Tract Health*



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*Occasional muscle pain due to exercise or overuse

*THESE STATEMENTS HAVE NOT BEEN EVALUATED BY THE FOOD AND DRUG ADMINISTRATION. THESE PRODUCTS ARE NOT INTENDED TO DIAGNOSE, TREAT, CURE OR PREVENT DISEASE.