

PURITY

EFFICACY

EXPERIENCE

St. John's  
Wort Flower



*Standardized  
Botanical  
Extracts,  
Certified  
Quality  
Since 1971*

SUSTAINABILITY

TRACEABILITY

POTENCY

BETTER  
IDENTITY  
EXTRACTS

Milk  
Thistle  
Flower





## Decades of Botanical Expertise

Euromed was founded in 1971 by a leading phytopharmaceutical firm, Madaus AG near Barcelona, Spain to provide its parent company and the European pharmaceutical industry with botanical extracts health professionals could rely on in their practices. Since that time, it has been the ingredient manufacturing division of four European pharmaceutical firms and to date is owned by the German pharmaceutical group Dermapharm AG. Euromed is now a worldwide provider of gold standard, premium quality botanical extracts.

The long-standing medical tradition of the use of botanical therapies in Europe has resulted in Euromed's extracts being used in leading clinically tested products. A pharmaceutical firm's large investment in scientific investigation mandates that the quality of the raw materials used in the formulations be produced consistently and supply reproducible results over time. Euromed is GMP certified by the Spanish Medicine Agency as a manufacturer of Active Pharmaceutical Ingredients (APIs). Euromed's principal products are

supported by published efficacy studies and include: African plum bark, artichoke leaf, fig fruit, nettle root, milk thistle seed, olive fruit, pomegranate fruit, saw palmetto fruit, St. John's wort herb and valerian root extracts. The effectiveness of these extracts results from the proprietary raw material source, extraction method, extract composition and are not bioequivalent to other similarly named products. This quality investment provides less variation in finished products, reproducibility of clinical studies and greater consumer satisfaction.

### Knowledge of Botanical Species and Cultivation

Euromed's agronomists and botanists travel the globe seeking out optimal geographical environments supplying premium "pharmacopeial-grade" botanical raw materials. Seeds from selected cultivars are identified and cultivated following good agricultural and collection practices (GACP). Farmers are trained to follow company

cultivation guidelines, including those required for organic cultivation, harvesting and post-harvest drying.

Qualification and periodic certification of raw material suppliers provide comprehensive traceability from the farm to the final extract. Experience and knowledge allow for harvesting of plants at their peak phytochemical concentration and procuring a large supply to satisfy global customer production requirements.

Sustainability practices for wildcrafted plant sources are employed and investments made for supporting conservation activities for species under harvesting pressure such as *Pygeum africanum* Hook.f. in Africa which is regulated by the Convention on International Trade in Endangered Species (CITES). By qualitatively controlling all steps from seed selection to final extract, we provide full documented traceability, a mandatory criteria of our quality conscious clientele.



# Optimal Extraction Technologies

Euromed follows European and US pharmacopeia botanical monograph guidelines for the establishment of its product specifications. This assures that the proper species and plant parts are utilized and verified by the most accurate laboratory test methods available for identity. Specification sheet species test methods are comprehensive and may include: macroscopic, microscopic, TLC, HPTLC, spectrophotometric, HPLC and GC analyses.

Plants contain phytochemicals with complex molecular structures that have complementary bioactivity. Euromed applies different extraction technologies to concentrate the target molecules while preserving the complete phytochemical profile as it exists in nature. For each botanical extract, the manufacturing equipment, botanical raw material, solvent used and inert substances for standardization are qualified and the in-process laboratory test parameters are

validated at many critical check points as the manufacturing process progresses. In-process controls are key components of quality control in the manufacturing of herbal extracts.

This includes industrial scale absorption columns coupled with tangential flow filtration with eco-friendly Pure-Hydro Process™, a proprietary extraction technology that uses purified water as the only solvent, for fruit extracts such as Pomanox® and Mediteanox®, at its Murcia, Spain facility. The Barcelona extraction facility is the recipient of seven industrial certifications, including ISO 14001 for environmental sustainability. This is verification of responsible industrial practices such as recycling botanical waste for compost, animal feed or use in fabric dyes and employment of facility wastewater treatment before being released into the municipal system.





## Quality and Innovation for The Future

A commitment to quality today and for the future was demonstrated by the recent construction of a four-story laboratory and innovation center in Barcelona. Two stories of laboratory instrumentation, staffed by experienced technicians, have been dictated by heightened global customer regulatory demands.

Each production batch, from the herb to the final extract, is subjected to a minimum of twenty laboratory tests for identity, potency and potential impurities. These comprehensive tests are part of the PhytoProof® process of quality control and, when recorded on its certificates of analyses, are assurance that the extract batch was manufactured correctly.

Regulatory and judicial actions have motivated widespread industry testing for proper species and discovery of

botanical adulteration. Euromed strives to preserve botanical industry integrity by collaborating with international pharmacopoeias and trade organisations working to elevate product quality standards. Display of the PhytoProof® logo on product labels is consumer assurance of stewardship of ingredient potency, purity and identity.

A team of pharmacognosists, chemists and pharmacists at Euromed's innovation center are surveying consumer health concerns and developing efficacious botanical derivatives offering natural solutions for addressing these health issues.







## Proprietary Ingredients, from Field to Extract

### Certified Quality Since 1971

Euromed's trademarked ingredients are produced using the PhytoProof® process and supported by published scientific studies. Many marketing firms assign a name to their ingredient, but the actual manufacturer and investment in quality are unknown. PhytoProof® extracts are designed to be highly bioavailable, providing tangible and reproducible results in clinical testing and fulfilling consumer expectations. Use of Euromed's trademarked extracts on labels communicates quality and provides consumer confidence that the ingredient has proper identity, purity and potency.



Patented olive fruit extract  
standardized to hydroxytyrosol (up to 40%).



Patented pomegranate fruit extract  
standardized to punicalagins (up to 30%).



Patented fig fruit extract standardized  
to abscisic acid (ABA).



Artichoke extract standardized  
to inulin and caffeoylquinic acids.



Lemon extract standardized  
to eriocitrin.



Spinach leaf extract standardized  
to 20-hydroxyecdysone.



85-95% total fatty acids supercritical  
extract of saw palmetto fruit.



**EUROMED**  
Nature & Science

**PREMIUM  
BOTANICAL  
EXTRACTS  
SINCE 1971**



**MeDITERRANEAN™**  
fruit and vegetable extracts



PATENTED **FIG FRUIT EXTRACT**,  
STANDARDIZED TO VARIOUS  
CONCENTRATIONS OF  
**ABSCISIC ACID (ABA)**,  
**BENEFICIAL FOR SUPPORTING  
HEALTHY BLOOD SUGAR LEVELS**



**ARTICHOKE FLOWER BUD EXTRACT**, STANDARDIZED TO  
**CAFFEYOYLQUINIC ACIDS (>4%) AND INULIN (>18%)**,  
**TO SUPPORT COMPLETE DIGESTIVE HEALTH**



PATENTED **OLIVE FRUIT EXTRACT**, WATER SOLUBLE AND  
OIL DISPERSIBLE, STANDARDIZED TO **HYDROXYTYROSOL  
CONCENTRATIONS 7% OR HIGHER. ANTIOXIDANT  
PROPERTIES BENEFICIAL FOR HEALTHY AGING AND  
CARDIOVASCULAR WELL-BEING**



PATENTED **POMEGRANATE FRUIT EXTRACT**, STANDARDIZED  
TO POLYPHENOLS, **PUNICALAGINS UP TO 30%**. UNPUBLISHED  
AND PUBLISHED SCIENTIFIC STUDIES PROMOTE USE IN  
**NUTRICOSMETICS**, AND IN HEALTH APPLICATIONS SUCH AS  
**SPORTS NUTRITION, HEALTHY AGING, CARDIOVASCULAR,  
METABOLIC, GUT, AND COGNITIVE HEALTH**



**SPINACH LEAF EXTRACT BENEFICIAL FOR  
MAINTAINING HEALTHY MUSCLE FUNCTION**



NATURAL **EXTRACT FROM SPANISH LEMON  
FRUITS** STANDARDIZED TO THE WATER-SOLUBLE  
FLAVANONE **ERIOCITRIN BENEFICIAL FOR  
VASCULAR AND CARDIOMETABOLIC HEALTH,  
VENOUS SYSTEM, COGNITIVE FUNCTIONS AND  
HEALTHY AGING.**



**Euromed develops,  
markets and distributes  
globally more than 30  
standardized botanical  
extracts**



This material is intended for professionals only.

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

All information given in this documentation reflects published current knowledge. EUROMED disclaims any responsibility for the suitability of this information for products intended by the user. The suggestions given do not release EUROMED's customers and the user of the products from evaluating the individual products as to their legal compliance. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products.




















































**DISCOVER THE HEALTH BENEFITS  
OF OUR STANDARDIZED  
BOTANICAL EXTRACTS**



CARDIOVASCULAR & CHOLESTEROL  
GLYCEMIC SUPPORT  
DIGESTIVE, LIVER & MICROBIOME  
BRAIN HEALTH, COGNITIVE SUPPORT  
WEIGHT MANAGEMENT  
BLOOD VESSELS, CIRCULATION, FLUID BALANCE  
STRESS MANAGEMENT  
SLEEP AND ANXIETY  
JOINT HEALTH  
SPORTS NUTRITION  
ENERGY, STAMINA  
IMMUNE SUPPORT  
HEALTHY AGEING, PREVENTION, DETOX  
RESPIRATORY SYSTEM, ALLERGIES, COUGHS  
ANTIMICROBIAL  
GENITOURINARY  
NUTRICOSMETIC, HAIR AND SKIN BEAUTY  
EYE HEALTH

ARTICHOKE FLOWER BUD	 Cynamed™	D																			
FIG FRUIT	 ABA life	D/L																			
LEMON FRUIT	 WellemOn™	D																			
OLIVE FRUIT	 Méditéanox®	D/L																			
POMEGRANATE FRUIT	 pomanoX®	D																			
SPINACH LEAF	 Spisar™	D																			

**Extract presentation:** **D:** Dry | **S:** Soft | **D/L:** Dry and liquid

© WHO/EMA/ESCP/Comission E\* supported properties

- Traditional and evidence-based properties

▲ Proprietary studies (clinical and/or in-vitro trials)

[illegible]

**Extract presentation:** D: Dry | S: Soft | D/L: Dry and liquid

**Continues in next page >>>>>**

