

CONTACT

F. DE PANTHOU
BUSINESS DIRECTOR
f.depanthou@antofenol.com
+33 663 284 345
www.antofenol.com



INCI CHINA
COMPLIANT
ORGANIC

VEGETAL SUBSTANCE OPPORTUNITY

COMMON NETTLE

— *Urtica dioica* —

- Originally native to Europe, temperate Asia and western north Africa, *Urtica dioica* is now found worldwide.
- The name *Urtica* comes from the latin word *uro* (to burn) or *urere* (to sting).
- This plant is used in several fields. In fact, nettles fibers were used to make paper. Its leaves are consumed as food, once cooked they are added to soups, teas, beers or eaten as fresh leaves.
- This plant is a resource well known for its interesting nutrients composition, especially iron. It was also used as a topical treatment for bites, wounds, poisoning and smoked to treat asthma.

COSMETICS

- This extract can be used to preserve cosmetics formulation from lipid oxidation and microorganisms.
- Stimulate hair growth and prevent hair loss

NUTRACEUTICS

- Plant rich in nutrients : used as additives in nutritional food

PHARMACEUTICS

- Helps to treat joint pains, arthritis, allergic rhinitis and asthma

VEGETAL SUBSTANCE OPPORTUNITY

COMMON NETTLE

— *Urtica dioica* —



BINOMIAL NAME

➤ *Urtica dioica*

COMMON NAME

➤ Common nettle

INCI

➤ URTICA LEAF EXTRACT

ORIGIN

➤ FRANCE

EXTRACTED PART OF THE PLANT

➤ Leaf (organic)

CHEMICAL COMPOSITION

- TERPENOIDS IN VOLATILE OIL:
Carvacrol, Carvone
- FLAVONOLS: Kaempferol, Quercetin and its derivatives
- POLYPHENOLIC ACIDS: Quinic, Caffeic and Neochlorogenic Acids
- COUMARINS: Esculetin, Scopoletin
- STEROLS

TARGET MARKET

Cosmetics

Neutraceuticals

Pharmaceutics/
Health

CHARACTERISTICS

- Antioxidant
- Antimicrobial activity
- Diuretic activity
- Anti-inflammatory
- Analgesic

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