



MYRTLE LEAVES BOTANICAL EXTRACT

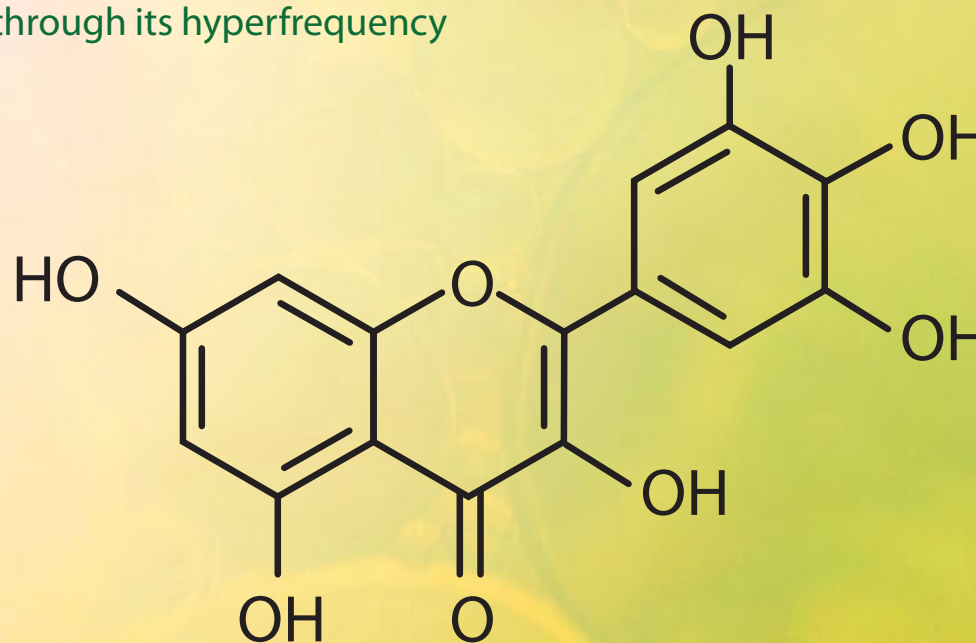
INCI: *MYRTUS COMMUNIS* LEAF EXTRACT

Myrtle has been used since ancient times in the Mediterranean for its healing properties. A myrtle leaf decoction can be given to relieve colic in babies.

→ This decoction is traditionally called "Angel Water." It was with this in mind that Antofenol sought to magnify the use of this plant through its hyperfrequency technology.

BIOCHEMICAL COMPOSITION

- Content in polyphenol: 25.2 %
- Myricitrin: 2.4 %





MYRTLE LEAVES BOTANICAL EXTRACT

INCI: MYRTUS COMMUNIS LEAF EXTRACT

ACTIVATION OF RENEWAL GENES AND % EFFECT

- **EGF +80 %:** epidermal growth factor that also acts on the dermis for the synthesis of extracellular matrix.
- **SIRT4 +50 %:** sirtuine 4 regulates cell proliferation and longevity.
- **TNC +130 %:** tenascin C is an extracellular matrix protein that promotes cell migration and proliferation during wound healing.
- **HMOX1+150 %:** heme oxygenase is involved in resistance to environmental stresses. It acts as a cytoprotective enzyme.

ACTIVATION OF EXTRACELLULAR MATRIX GENES AND % EFFECT

- **COL1A1 (Collagen type I, alpha 1) +70%, COL4A1 (Collagen type IV, alpha 1) +60 %, COL7A1(Collagen type VII, alpha 1) +110%:** strengthens the structure and elasticity of skin.
- **FNB1 (Fibrilin 1) +150 %:** promotes collagen fibers assembly, enhancing cell adhesion.
- **FN1 (Fibronectin 1) +100 %:** fibronectin 1 is a protein involved in cell adhesion. It promotes the assembly of collagen fibers.
- **LAMA5 (Lamanin alpha 5) +70 %:** component of Laminins, adhesion molecule to the basement membrane. It promotes the anchoring of cells at the dermal-epidermal junction.





MYRTLE LEAVES BOTANICAL EXTRACT

INCI: MYRTUS COMMUNIS LEAF EXTRACT

REGULATION

INCI	<i>Myrtus Communis</i> leaf extract
Origin	France, organic
Preservation	Preservative free
Certification	Cosmos certification on demand
Natural index origin (ISO 16128)	100.0 %

TECHNICAL

Appearance	Limpid yellow liquid
Solubility	Water soluble
Recommended dosage	0.5 % - 5.0 %
Leads compounds	Myricitrin 2.4 %

APPLICATIONS

- Based on genomic testing: anti-aging action by mainly targeting the structure of the dermis, the dermo-epidermal junction, by strengthening cell cohesion and longevity. Preventive and curative activate certain antioxidant genes.

