Antofénol
WaveXtracts®
BIODESIGNED PLANT EXTRACTS
BIOSENCES®

WHITE TEA FLOWER BOTANICAL EXTRACT

INCI: *CAMELLIA SINENSIS* FLOWER EXTRACT

Cultivated for over 4,000 years, Antofenol has selected an exceptional tea from the mountains of northern China in Zhejiang province.

→ True to its DNA, we harvested the *Camellia sinensis* flowers to enhance our value in tea cultivation today.

BIOCHEMICAL COMPOSITION

- Rich in catechin derivatives: 7.0 %
- Caffeine: 1.0 %

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Rich in catechin derivatives 7.0 % and in caffeine 1.0 %. Thanks to his technology, Antofenol obtain an innovative by-product extract with biological activity proven on *in vitro* testing.

ACTIVATION OF RENEWAL GENES AND % EFFECT:

- HBEGF (Heparin-binding EGF-like growth factor) +130 %: growth factor that participates in the renewal of the epidermis.
- SIRT2 (sirtuine 2) +140 %: regulates cell proliferation and longevity.
- EVPL (Envoplakin) +70 %: envoplakin is a component of desmosome junctions, within which it allows the binding of keratin intermediate filaments.
- FLG (Filaggrin) +120 %: filaggrin is associated with keratin intermediate filaments and aggregates them within the epidermis. It thus participates in the differentiation.
- LOR (Loricrin) +90 %: loricrin is a precursor of the horny envelope, a marker of terminal differentiation.

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REGULATION

Suggested INCI	*Camellia Sinensis* flower extract
Origin	China, by-product
Preservation	Preservative free
Certification	Cosmos approbation 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	Catechine derivatives 7.0 % - Caffeine 1.0 %

APPLICATIONS

→ Based on genomic chip beneficial effects on genes involved in renewal and on several genes involved in epidermal barrier reconstruction

afaq ISO 9001 Qualité AFNOR CERTIFICATION

SILVER 2024 ecovadis Sustainability Rating