



CATAPPA LEAVES BOTANICAL EXTRACT

INCI: *TERMINALIA CATAPPA* LEAF EXTRACT

Originating from Africa, these remarkable leaves have been valued in traditional medicine since the 17th century for their therapeutic benefits.

Their extract is particularly rich in polyphenol compounds, which contribute to its strong antimicrobial activity, helping to combat harmful bacteria and pathogens.

Additionally, these polyphenols provide powerful antioxidant properties, protecting cells from oxidative stress and promoting skin health and vitality.

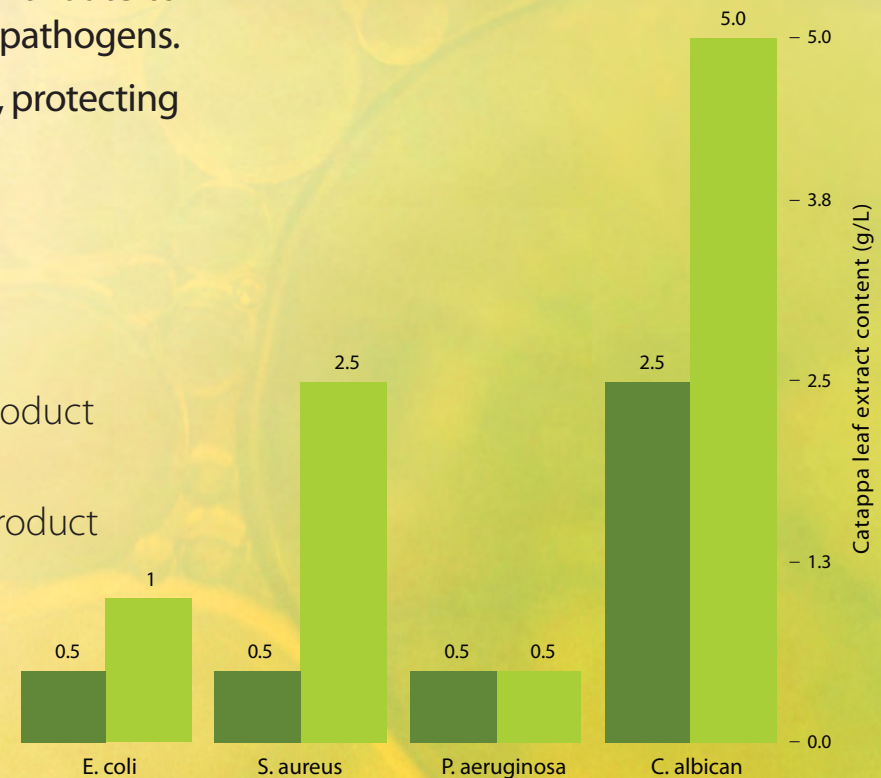
→ This unique combination of benefits makes this extract a prized ingredient in both medicinal and cosmetic applications.

BACTERICIDAL ACTIVITY

- A concentration of 0.5 % (5g/L) Catappa leaf extract in a cosmetic product helps to slow down the growth of cosmetic pathogens.
- A concentration of 3.0 % (30 g/L) Catappa leaf extract in a cosmetic product completely inhibits the growth of cosmetic pathogens.



Decrease of bacterial growth
in 24 hours and 48 hours
depending of the Catappa leaf
extract amount (g/L)





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Antofenol Catappa Extract is rich in polyphenol 30.0 % and in punicalagin 7.3 % and offers several interesting activities:

COSMETIC CLAIMS BASED ON LITERATURE REVIEW

- **Antioxidant:** these compounds help to neutralize free radicals and protect the skin from oxidative damage, which can slow down the aging process and prevent signs of aging like wrinkles and spots.
- **Soothing:** the extract has properties, making it effective in soothing irritated and sensitive skin. It can help to reduce redness, swelling, and skin inflammation.
- **Moisturizing and nourishing:** thanks to its moisturizing components (tannins), extract can help to maintain moisture in the skin, leaving it soft and supple. It can also nourish the skin by providing it with essential nutrients.
- **Healing:** the regenerative properties can promote wound healing and skin irritation, helping the skin repair itself faster.
- **Reduction of dark spots:** some studies suggest that the extract may help to lighten dark spots and hyperpigmentation, thus evening out skin tone.





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REGULATION

INCI	<i>Terminalia Catappa</i> leaf extract
Origin	China
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 % - 3.0 %
Leads compounds	Polyphenols 30.3 % Punicalagines 7.3 % Ellagic acid 2.8 %

APPLICATIONS

- Based on literature, Catappa botanical extract could be used as antioxydant, soothing, moisturizing and nourishing, healing and as dark spot reduction.

