

MACA

MacaComplex™



Inspired by nature

Positioned as a “Longevity Booster,” MacaComplex™ is a high-quality, fermentation-based active ingredient system for skin and hair. Through ecosystemic fermentation, a bioavailable complex is created with antioxidant, regenerative, and revitalizing properties. Rich in adaptogenic plant compounds, minerals, and secondary metabolites, MacaComplex™ supports cellular activity, strengthens skin elasticity, and stimulates hair growth—for holistic, long-lasting beauty.

EXCLUSIVE FERMENTS – INNOVATIVE SOLUTIONS FOR YOUR PRODUCTS

- **Activates hair growth:** Rich in bioactive plant compounds, Maca promotes scalp microcirculation, stimulates the hair follicle, and supports a prolonged growth phase—for visibly stronger, fuller-looking hair.
- **Improves skin elasticity:** Antioxidant nutrients strengthen the collagen structure, increase skin firmness, and effectively counteract the loss of elasticity—for a smooth, tightened skin appearance.
- **Promotes cell renewal:** Essential amino acids and minerals activate cellular processes, support natural regeneration, and give the skin renewed vitality and radiance.



Learn more at
woresan.com





- Stimulates hair growth
- Improves skin elasticity
- Supports cell regeneration

APPLICATIONS

- **MacaComplex™ Serum:** MacaComplex™ Serum is a highly effective, fermentation-based active ingredient with a holistic longevity approach for skin and hair. The bioavailable active complex supports cellular vitality, improves elasticity, and stimulates hair growth, making it ideal for integration into modern skincare and haircare concepts.
- **MacaComplex™ Fluid:** MacaComplex™ Fluid is a finely emulsified, slightly milky active solution designed for leave-on and rinse-off formulations. It is ideal for serums, emulsions, BB creams, or decorative cosmetics, enabling the integration of fermentation-based actives with a pleasant skin feel and a natural finish.

INCI-Namen: Macca – Aqua, Pentylene Glycol, Lactobacillus/Lepidium Meyenii Root Powder Ferment Filtrate



Formulation Guidelines

- Recommended pH range: 3–9
- Addition: Add during the cooling phase
- Recommended usage concentration: 0.5–100%

Available Forms

- Preserved serum
- Preserved fluid

Fermented active ingredients your ideas – our solutions



WORESANA® – OUR OWN BRAND

Discover highly effective natural active ingredients for the cosmetics, food, nutricosmetics, and nutraceutical industries, as well as for animal feed, animal care, and the beverage sector.



EXCLUSIVE PRODUCT DEVELOPMENT AND CONTRACT MANUFACTURING

From your own idea to the finished product with our support. All from a single source.



ECOSYSTEMIC UPCYCLING

Transform production by-products into revenue drivers with us. Sustainable, environmentally sound, and economically valuable.

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