



Cosactive Retinal

Highly effective retinal in a stabilised solution

Cosactive Retinal is a highly stable, 5% solution of retinal (retinaldehyde) in **dimethyl isosorbide (DMI)** – an efficient penetration enhancer – and is protected against oxidative degradation by **tocopherol (vitamin E)**.

Retinal is considered one of the most potent forms of retinoids with a direct effect on the skin, as it acts as a direct precursor to retinoic acid but is significantly **more skin-friendly** than the latter. It promotes **cell renewal**, stimulates **collagen synthesis** and visibly contributes to **the reduction of wrinkles, pigment spots and impurities**.

The formulation with DMI ensures **optimal stability and penetration** – even in demanding formulations. The use of tocopherol **protects** the sensitive retinal component **from oxidation**, which improves the **shelf life and effectiveness** of the active ingredient.

Recommended concentration: 0.05–0.1% retinal in the final formulation

Processing: Preferably in the oil or active ingredient phase, protected from light and air.

Processing

Cosactive Retinal should ideally be added to the active ingredient phase at below 40°C.

Recommended concentration
0.05–6.00



INCI

Dimethyl Isosorbide,
Retinal, Tocopherol

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Cosactive Retinal is the ideal choice for modern anti-ageing or problem skin formulations that require maximum **effectiveness, stability and skin compatibility**.

- Vegan
- ISO 16128 = 100% natural origin content
- Store at 10-20°C
- Easy-to-dose liquid
- No listed preservatives
- Available from 1 kg
- Best before: 24 months