

# AAKO.



## RESVERATROL LIPOCAPSULES

- **A natural antioxidant that has 20-50 times the antioxidant capacity of L-Ascorbic Acid.**
- **Manufactured with modern technology for product stability and ease of formulation.**

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## Science

Our Lipocapsules are highest purity cosmetic actives encapsulated in a natural phospholipid. The water insoluble and unstable Resveratrol is encapsulated and protected by the liposomes and is now stable and suitable for oil and water systems. The approximate particle size is less than 30 nm. The phospholipids interact with the surface of the stratum corneum being involved in the process of skin formation and skin renewal. Having a very small size Lipocapsules are transported deep into the skin where the active is then released and becomes fully effective.

## Resveratrol

Is an active cosmetic ingredient derived from different plants (such as grapes), first time isolated in Japan in 1940. Resveratrol can inhibit collagenase and thus reduces collagen degradation. It enables cells to enhance their self-defense enzymes and thereby repairing the damages created by UVA and UVB exposure. Resveratrol is classified as anti-aging, antioxidants, anti-inflammatories. Actual studies promote it as well for wound healing and scarring.

## Effects on the skin

Retinal stimulates collagen production, thickens the inner layer of the skin, speeds

cell turnover, keeps pores clean and balances oil production.

## Uses

Resveratrol is used in anti-aging products to reduce wrinkles, improves firm lines and gives better elasticity of the skin. It can be used to minimize skin inflammation and redness.

## Recommended Usage Rate

1–5% in the formulation.

## Chemical Details

INCI: RESVERATROL

CAS: 501-36-0

Appearance: Yellow to yellowish brown emulsion

pH: 5.0-8.0

Origin: 100% Natural

Content of Resveratrol: 5%

## Formulation advantages

- Can be formulated in the water or the oil phase
- Heat stable up to 40°C
- pH and shearforce tolerant
- best added at the end of the formula

## Logistics

Packaging: 1kg, 5kg, 25kg, Storage: in a dark and cool place (<25°C), Origin: China  
Manufactured by HRZ Rebtech