

AAKO.



TETRAHYDRO CURCUMIN LIPOCAPSULES

- A natural antioxidant alternative to synthetic products such as BHA, BHT.
- Treats acne, reduces acne marks, promotes wound healing and reduces scarring.
- Used in traditional Ayurvedic medicine, manufactured with modern technology for high performance cosmetic activity.

Science

Our Lipocapsules are highest purity cosmetic actives encapsulated in a natural phospholipid. The water insoluble and easily oxidized Curcumin 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 the Lipocapsules are transported deep into the skin where the active is then released and becomes fully effective.

Curcumin

Is an active cosmetic ingredient derived from the rhizome of turmeric (*curcuma longa*) a plant of the ginger family native in India and Indonesia. It is used in traditional Ayurvedic medicine as cure against nearly every household's health problems. It has hence an incredible list of healing properties that includes, antioxidant, antiviral, antibacterial, anti-inflammatory and many more. Modern uses in cosmetics as Tetrahydro curcumin show that it stops matrix metalloproteinase 2 and thus inhibits wrinkles and melatonin formation, increases skin thickness and elasticity. It is as well a strong antioxidant, antibacterial and anti-inflammatory.

Uses

Curcumin is used to treat acne and acne marks, to promote wound healing and reduce the scarring. It is used in anti-aging.

Recommended Usage Rate

1-5% in the formulation.

Chemical Details

INCI: CURCUMIN

CAS: 36062-04-1

Appearance: Yellow to yellowish brown emulsion

pH: 5.0-8.0

Origin: 100% Natural

Content of Curcumin: 5%

Formulation advantages

- Can be formulated in the water or the oil phase
- Heat stable up to 50°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