

## **Raw Materials for Cosmetics That Are Hot Sellers to Clear Skin**

Whitening is a form of beauty that many beauty lovers have always wanted and are insisting upon. What are our options for beauty whitening products that we need to take note of? Let's examine this.

There are a lot of [cosmetic raw materials](#) in the market, Nicotinamide, Arbutin, Tranexamic acid, VC Ethyl Ether, Kojic acid, Glabridin and Glutathione are the most commonly utilized in cosmetics for skin whitening products.

### **1. Nicotinamide/Vitamin B3**

Nicotinamide has a weak anti-inflammatory effect on pemphigus-like lesions, and has antioxidant effects by removing free radicals. Nicotinamide is an anti-inflammatory drug or an oxidant to inhibit the signaling pathway of melanocytes to keratinocytes. Nicotinamide can be utilized to boost the replacement of skin cells and reduce melanin production. It can be used to treat eczema and seborrheic-dermatitis.

### **2. Arbutin**

Arbutin, also known as arbutin is introduced as a hydroquinone precursor to arbutin. It may interfere with the formation of melanin to achieve the effect of whitening, however, because it is irritating, it can cause irritated dermatitis as well as pigment precipitation. Consequently, it is categorized as prohibited cosmetics in several countries. Ursolin introduces a glucose molecule inside the molecule, which reduces irritation, has the ability to inhibit melanocytes, and weaken melanin formed. It is efficient for treating freckles, chloasma, and other pigments.

### **3. Tranexamic acid**

Tranexamic acid is a protease inhibitor which may block the catalytic action of protease in the hydrolysis of peptide bonds thus preventing the activity of enzymes, such as derived protease, further inhibiting the epidermal cell's function at the black spot. It also inhibits the melanin enhancer group, and then completely eliminating the formation of melanin enhancers due to ultraviolet radiation

### **4. VC ethyl ether**

Vitamin C is renowned as a powerful freckle remover and whitening effects as well as its high security, however it's extremely susceptible to oxidation, not absorbed into the skin, and use on the skin is minimal. VC is ethylether, and unlike vitamin C, is able to penetrate the cuticle of the skin and reach the dermis. After entering the skin, it's decomposed by biological enzymes to play the function of VC, improving the utilization of VC and playing an essential role in the removal of freckles as well as whitening.

### **5. Kojic acid**

Its chemical name is 5-hydroxy-2-hydroxymethyl-1,4-pyranone. It is employed in the cosmetics industry. Tyrosine is catalyzed inside the skin via tyrosinase and oxygen free radicals undergo complex polymerization and oxidation processes to create melanin. Kojic acid is powerfully inhibiting tyrosinase synthesis. It also blocks the formation skin melanin. Therefore, kojic acid has been added to cosmetics, facial mask, creams for the skin to make high-grade whitening cosmetics that effectively treat freckles, spots caused by senility, pigmentation, acne, and so on.

## **6.Glabridin**

Glabridin is absorbed into the skin to keep its activity high, lighten the skin and ward off the process of oxidation. Glabridin may reduce melanin production through reducing the activity of certain enzymes, particularly tyrosinase activity. It also reduces skin roughness and inflammation. Glabridin is a whitening agent that has a high efficacy and a variety of capabilities.

## **7.Glutathione**

The most important physiological function of glutathione is to eliminate free radicals within the human body. As an important antioxidant within the body, glutathione guards sulfhydryl groups in many proteins, enzymes and other molecules. The structure of GSH has an active sulfhydrylSH, that is easily dehydrogenated and oxidized. GSH is a significant free radical scavenger within living cells because of its unique structure.

In general, it is recommended to select products that are whitening and have a series of. For instance, a collection of cleansing, skin toning and skin moisturizing products enable the effective ingredients of the product to interact with each other in a whole set of [skin care](#) products, which could result in an additional whitening effect.