

RESVERATROL IN COSMETICS



In recent years, resveratrol has established itself as the anti-ageing miracle in the world of cosmetics. It is a natural plant substance from the group of polyphenols. It protects the grapevine from stress, certain fungal diseases and the effects of UV radiation.

The cosmetics industry has recognized the outstanding properties of this natural active ingredient and is increasingly integrating it into its products. Its ability to protect against harmful free radicals and its supportive role in skin regeneration make resveratrol an indispensable ingredient in high-quality cosmetic products.



Resveratrol is more than just an ingredient - it embodies natural elegance and protection for the skin.

Our portfolio

Breko is the only supplier in the world to offer resveratrol from grapes and fermentation.

Our resveratrol range sets standards in purity and quality. With products such as Evolva's trans-resveratrol **JUNEO™** and Actichem's grapevine extracts (**Resveratrox™**, **Vitisin™**, **Viniferol™** und **Resvinia™**), we offer first-class raw materials that not only meet the highest standards, but have also proven their efficacy in clinical studies.

Our extracts have proven to be powerful antioxidants with impressive benefits for skin and hair care. We are happy to help you choose the best resveratrol raw material for your products.

Discover the power of resveratrol in the world of cosmetics with Breko.

Resveratrol from the grapevine

Since 2006, Actichem has been producing grapevine extracts for cosmetics using a patented process. Only grapevine shoots and grapevine roots from French vineyards are processed and sustainably produced into natural grapevine extracts.

The extracts are COSMOS and Ecocert certified for natural cosmetics and are manufactured to high quality standards. Grapevine shoots, such as those produced annually when the vines are pruned, contain trans-resveratrol and resveratrol oligomers and are used to produce the extracts **Resveratrox™**, **Viniferin™** and **Resvinia™**. The grapevine roots produced when planting a new vineyard are extracted for the grapevine root extract **Vitisin™**.

These grapevine extracts are available in liquid or powder form, standardized in various excipients to suit your application.

Resveratrox™ grapevine extract

Standardization: Resveratrol monomers and oligomers

INCI: Vitis Vinifera (Grape) Vine Extract

Application: Skin care - healthy aging and anti-pollution

Confirmed by clinical studies:

- » Anti-oxidative properties
- » Anti-wrinkle effect
- » Anti-elastase activity
- » Anti-pollution activity
- » Rejuvenation of mature skin
- » Improvement of acne-prone skin

Grapevine Extract Viniferol™

Standardization: Viniferin (Resveratrol dimer)

INCI: Vitis Vinifera (Grape) Vine Extract

Application: Body care - Firm skin

Confirmed by clinical studies:

- » Slimming effect through Sirtuin-1 activation and PDE-4-inhibition
- » Increases skin elasticity
- » Improves the suppleness of the skin
- » Shaping effect due to its firming properties

Vine root extract Vitisin™

Standardization: Vitisin A and Vitisin B (Resveratrol oligomers)

INCI: Vitis Vinifera (Grape) Vine Extract

Application: Skin care - skin lightening

Confirmed by clinical studies:

- » Reduction of pigment spots due to tyrosinase inhibition
- » Skin whitening effect

Grape Vine Extract Resvinia™

Standardization: Resveratrol + ε-viniferin

INCI: Vitis Vinifera (Grape) Vine Extract

Application: Hair care – stimulates hair growth and prevents hair loss

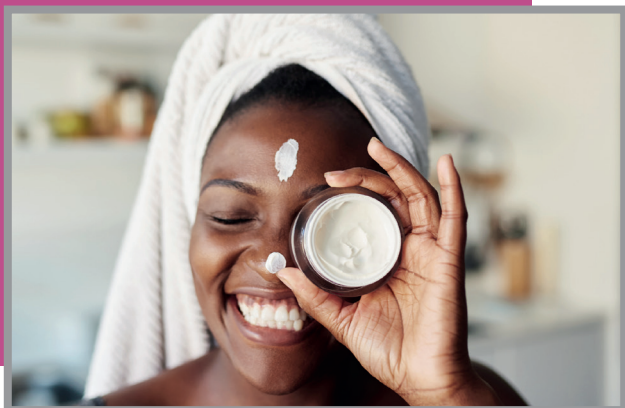
Confirmed by clinical studies:

- » Maintains IGF-2 levels, thus stimulating hair growth
- » Prevention of hair loss by maintaining follicle vitality (via Ki67)
- » Protective effect against oxidative damage
- » Anti-pollution effect

Resveratrol from fermentation

With the branded raw material **JUNEO™** from our partner Lallemand we offer a pure trans-resveratrol for cosmetics. Advances in technology have paved the way for new production processes. In addition to the traditional extraction of resveratrol from the grapevine, trans-resveratrol is now produced by our partner using yeast fermentation. This enables wider availability and ensures that the highest quality standards are maintained.

JUNEO™ consists of 99 % pure trans-resveratrol and is free from residues and contaminants such as pesticides, emodin and PAHs, which are found in resveratrol extracts from knotweed (*Polygonum cuspidatum*).



JUNEO™ guarantees unsurpassed quality for your cosmetic applications. With the branded raw material **Veri-te™** Resveratrol, Lallemand offers a counterpart for a beauty supplement made from trans-resveratrol. With 272 human studies, trans-resveratrol is one of the best-studied antioxidants. The latest results of the „Beauty from inside and out“ study show the effects of both resveratrol extracts individually and the combination of **Veri-te™** resveratrol (oral) and **JUNEO™** resveratrol (topical).

Resveratrol extract Juneo™

Standardization: 99 % trans-resveratrol

INCI: Resveratrol

Application: Skin and hair care - topical application

Confirmed by clinical studies:

- » Anti-oxidative properties
- » Anti-wrinkle effect
- » Rejuvenation of the skin through healthier cells
- » Reduction of pigment spots
- » Improvement of the complexion
- » Protects skin cells from UV light-induced oxidative stress
- » Reduces functional disorders of the cells
- » Anti-blue light effect
- » Increase in mitochondrial activity
- » Extends the lifespan of the hair follicles

Resveratrol extract Veri-te™

Standardization: 98 % trans-resveratrol

Application: Skin health - oral intake

Confirmed by clinical studies related to skin health:

- » Anti-oxidative properties
- » Anti-aging & anti-wrinkle effect
- » Reduction in the depth of wrinkles
- » Inhibits melanin synthesis and thus reduces pigmentation and age spots
- » Improves the skin's hydration and elasticity
- » Relieves discomfort caused by inflammatory skin processes such as psoriasis and acne vulgaris

Cosmetic applications with resveratrol

Anti-aging creams and serums: Resveratrol helps to reduce the appearance of wrinkles, fine lines and other signs of skin ageing.

Moisturizers: Resveratrol is often added to moisturizers to hydrate the skin and improve its overall texture and elasticity.

Sunscreens and sun care products: The potential UV protective properties of resveratrol make it a useful ingredient in sunscreens to protect the skin from sun damage.

Skin brightening products: Resveratrol can be used in formulations that target hyperpigmentation and uneven skin tone and promote a more radiant complexion.

Eye creams: Resveratrol is formulated into eye creams to reduce puffiness, dark circles and wrinkles around the eyes.

Acne treatments: Due to its anti-inflammatory properties, resveratrol is used in the treatment of acne to fight inflammation and reduce breakouts.

Lip balm and lip care products: Resveratrol is used in lip products to protect and moisturize the lips with antioxidants.

Its antioxidant and anti-inflammatory properties make resveratrol a key ingredient in your skincare products. Rely on Breko's raw materials to increase the exclusivity and effectiveness of your cosmetic products.

Discover our broad portfolio, which includes food and health ingredients as well as cosmetic raw materials. Visit our website www.breko.de to find out more about our extensive range.

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