



Resveratrol

Product Introduction

Resveratrol, a natural polyphenolic compound, primarily exists in plants such as *Polygonum cuspidatum*, red wine, peanuts, and grape skins. Boasting powerful antioxidant, anti-inflammatory, and anti-aging properties, it has drawn extensive attention in the domains of health foods, skincare products, and medicine. Our resveratrol adopt an extraction process using natural *Polygonum cuspidatum*, ensuring high-purity and highly active resveratrol to provide scientifically-backed support for health and beauty.

Product Specifications



Resveratrol Granule 98%



Resveratrol Powder 98%



Liposomal Resveratrol 70%

Product Advantages

100% natural, healthier

Granule form available, more convenient for encapsulation

Liposomal Technology: Better absorption & Widely applications



Product Information

Product Name: Resveratrol

Specification:

Resveratrol Granule 98%

Resveratrol Powder 98%

Liposomal Resveratrol 70%

CAS Number: 501-36-0

Source: *Polygonum cuspidatum* Sieb.Et Zucc.

Used Part: Root

Solubility: Soluble in ethanol, methanol; slightly soluble in water (approximately 0.03 mg/mL)

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Main Functions

Antioxidant and Anti-aging

Resveratrol is a potent antioxidant, can neutralize free radicals and reduce oxidative stress-induced damage to cells, thereby delaying aging and maintaining youthful skin.

(Baur, J.A., & Sinclair, D.A., 2006)

Cardiovascular Health

Resveratrol helps reduce the oxidation of low-density lipoprotein (LDL), improve vascular function, and lower the risk of arteriosclerosis, while supporting cardiovascular health.

(Tome-Cameiro, J., et al., 2013)

Anti-inflammatory and Immune Regulation

Resveratrol can inhibit the release of inflammatory factors, reduce chronic inflammatory responses, and help lower the risk of inflammation-related diseases, such as arthritis and neurodegenerative diseases.

(Meng, T., et al., 2021)

Metabolic Regulation and Weight Management

Resveratrol can activate AMPK and SIRT1 pathways, promote mitochondrial bioenergetic metabolism, enhance fat burning, help improve insulin sensitivity, and support healthy weight management.

(Yoshino, J., et al., 2012)

Skin Health and Whitening

Resveratrol can inhibit tyrosinase activity, reduce melanin production, thereby improving uneven skin tone and brightening the skin. Additionally, it repairs skin damage caused by UV radiation and enhances skin barrier function.

(Nichols, J.A., & Katiyar, S.K., 2010)

Applications

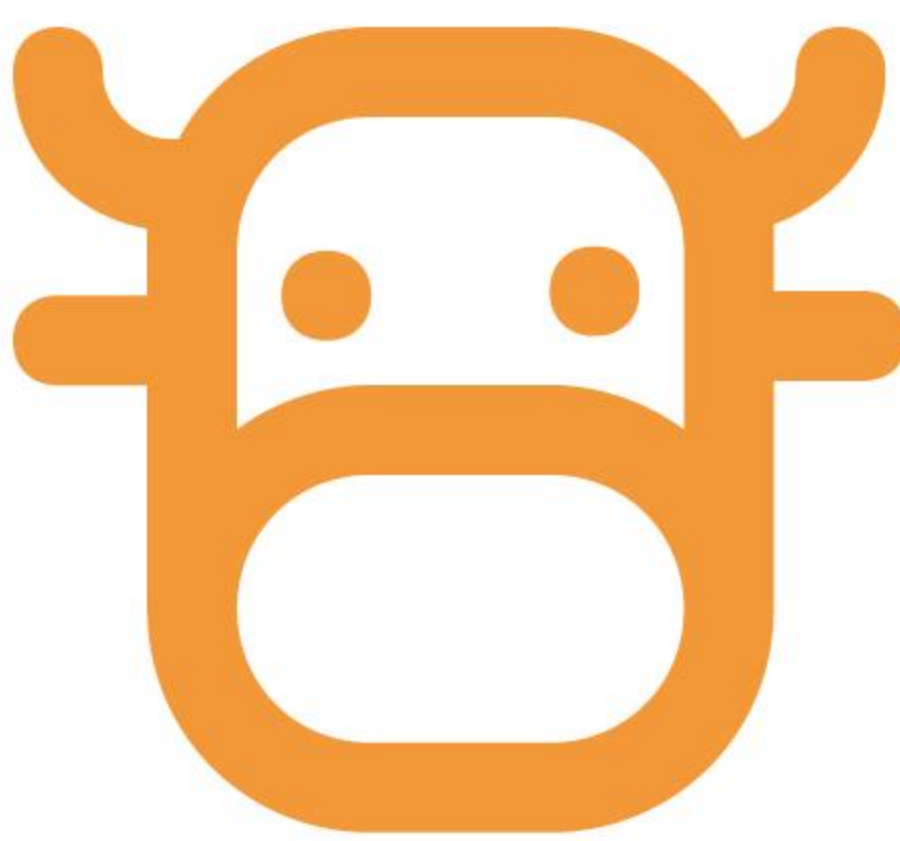


Dietary Supplements

capsules, tablets, soft capsules, etc.

Agriculture

Botanical fungicides



Feed

Enhancing animal antioxidant capacity, improving nutrition and promoting growth performance.

Reference Health Supplements Formula

1

Resveratrol

+

Grape Seed Extract

+

Green Tea Extract

Antioxidant

2

Resveratrol

+

Quercetin

+

Calcium Magnesium
Phytate

Vascular and immune function
support, Anti-aging

3

Resveratrol

+

Quercetin

+

Fisetin + NAD⁺

Anti-aging