

Organic Resveratrol



What is Organic Resveratrol?

Organic Resveratrol is a high-quality, plant-based antioxidant derived from organic sources such as Japanese knotweed (*Polygonum cuspidatum*) or grapes. Known for its powerful health benefits, resveratrol is widely used in dietary supplements, functional foods, and cosmetics. This natural compound is highly sought after for its anti-aging, heart health, and anti-inflammatory properties. Our Organic Resveratrol is USDA and EU certified, ensuring purity and sustainability.

Production Process:

1. **Raw Material Selection:** Harvested from certified organic Japanese knotweed or grapes.
2. **Extraction:** Solvent-free or eco-friendly solvents used to extract resveratrol.
3. **Purification:** Advanced techniques ensure high purity and trans-resveratrol content.

4. **Drying & Milling:** The compound is dried and finely milled into powder.
5. **Quality Control:** Each batch is rigorously tested for potency, purity, and safety.

Key Features:

- **100% Organic Certified:** USDA and EU Organic Certified, ensuring no synthetic chemicals or GMOs.
- **High Purity:** Contains $\geq 98\%$ trans-resveratrol for maximum bioactivity.
- **Potent Antioxidant:** Neutralizes free radicals and protects against oxidative stress.
- **Plant-Based:** Derived from organic Japanese knotweed or grapes, ensuring a vegan-friendly product.
- **Health-Promoting:** Supports cardiovascular health, anti-aging, and immune function.
- **Versatile Applications:** Suitable for supplements, functional foods, beverages, and cosmetics.
- **Non-GMO & Gluten-Free:** Safe for individuals with dietary restrictions.

Specification

Item	Specification
Appearance	White to off-white fine powder
Odor	Characteristic
Taste	Characteristic
Loss on drying	$\leq 5.0\%$
Ash	$\leq 1.0\%$
Particle size	100% pass 80 mesh
Assay (by HPLC)	$\geq 98\%$ trans-resveratrol
Heavy metals (as Pb)	≤ 10 ppm
Arsenic (as As)	≤ 2 ppm
Lead (as Pb)	≤ 3 ppm
Cadmium (as Cd)	≤ 1 ppm
Mercury (as Hg)	≤ 0.1 ppm

Item	Specification
Total plate count	≤1000 cfu/g
Yeast & mold	≤100 cfu/g
Coliforms	Negative
Salmonella	Negative
E. coli	Negative

Health Benefits:

1. **Anti-Aging:** Activates sirtuins, proteins associated with longevity.
2. **Heart Health:** Supports cardiovascular function by reducing cholesterol and improving blood flow.
3. **Anti-Inflammatory:** Reduces inflammation and may alleviate chronic conditions.
4. **Immune Support:** Boosts the immune system with potent antioxidant properties.
5. **Cognitive Health:** Protects brain cells and may improve memory and focus.

Applications:

1. Dietary Supplements:

1. Capsules, tablets, and powders for anti-aging and heart health benefits.

2. Functional Foods:

1. Enriched snacks, bars, and beverages for enhanced nutritional value.

3. Cosmetics:

1. Anti-aging creams, serums, and lotions for skin rejuvenation and protection.

4. Pharmaceuticals:

1. Used in formulations targeting chronic diseases and oxidative stress.

Why Choose Our Organic Resveratrol?

- **Superior Purity:** $\geq 98\%$ trans-resveratrol ensures maximum efficacy.
- **Eco-Friendly Production:** Sourced and processed using sustainable methods.
- **Flexible Applications:** Suitable for a variety of health and wellness products.
- **Reliable Quality:** Meets stringent organic and safety standards.

Packing

