

Organic Epimedium Extract



What is Organic Epimedium Extract?

Organic Epimedium Extract is derived from *Epimedium brevicornum* leaves, standardized to bioactive icariin content. Available in multiple grades to meet diverse formulation needs – from traditional herbal blends to high-potency nutraceuticals.

Key Highlights

1. Multi-Strength Options:

1. **5% Icariin:** Cost-effective base for herbal teas and tonics.
2. **20% Icariin:** Standard potency for daily supplements.

3. **40% Icariin:** Advanced formula for clinical applications.
4. **60% Icariin:** Ultra-concentrated extract for targeted solutions.

2. Bioactive Power:

1. **Icariin** (up to 60%): Modulates PDE5, supports testosterone balance, and enhances blood flow.
2. **Flavonoids & Polysaccharides:** Antioxidant and adaptogenic benefits.

3. **Clean & Certified:** USDA Organic, EU Organic, non-GMO, heavy metal-tested.

Specifications

Parameter	5% Icariin	20% Icariin	40% Icariin	60% Icariin
Source	Organic <i>E. brevicornum</i> leaves	✓	✓	✓
Active Compounds	Icariin ≥5%	Icariin ≥20%	Icariin ≥40%	Icariin ≥60%
Appearance	Brown fine powder	Light brown powder	Off-white powder	White crystalline
Solubility	Water & alcohol	Water & alcohol	Alcohol-soluble	PEG-400 soluble
Total Flavonoids	≥8%	≥15%	≥25%	≥30%
Shelf Life	24 months	24 months	24 months	18 months

Key Features & Benefits

1. Male Vitality:

1. Enhances nitric oxide production for improved circulation.
2. Supports healthy testosterone levels (in-vitro studies).

2. Bone Health:

1. Stimulates osteoblast activity for bone density support.

3. Adaptogenic Action:

1. Reduces fatigue and improves stress resilience.

4. Formulation Flexibility:

1. 5%-20% for capsules/teas; 40%-60% for topical creams or liposomal delivery.

Applications

- **Men's Health Supplements:** Libido support, prostate health formulas.
- **Sports Nutrition:** Pre-workout blends for endurance athletes.
- **Women's Wellness:** Menopause support and hormonal balance products.
- **Topical Formulations:** Anti-aging serums and hair growth solutions.

Certifications & Quality Assurance

- **Organic Certifications:** USDA, EU 834/2007, JAS.
- **Purity:** Heavy metals (Pb <0.1ppm, As <0.05ppm), pesticide-free.
- **Microbial Safety:** Compliant with USP <61> and <62>.
- **Identity Verified:** HPLC & TLC authentication.

Why Choose Us?

- **Full Spectrum Options:** We also supply custom ratios (e.g., 10% icariin + 5% icarisiside II).
- **Technical Support:** Free formulation guidance for dosage forms.
- **Global Compliance:** Meets FDA, EFSA, and TGA regulatory requirements.
- **Sustainable Sourcing:** Wild-harvested under ecological protocols.

FAQs

Q: What's the recommended daily dose?

A: 250-500mg (5%-20% grades); 50-100mg (40%-60% grades).

Q: Can it be combined with maca or tribulus?

A: Yes! Synergistic effects for male vitality formulations.

Q: Is it safe for long-term use?

A: Generally Recognized As Safe (GRAS) at recommended doses.

Q: How to store high-potency extracts?

A: 40%-60% grades require desiccant-packed, light-resistant containers.

Packing

