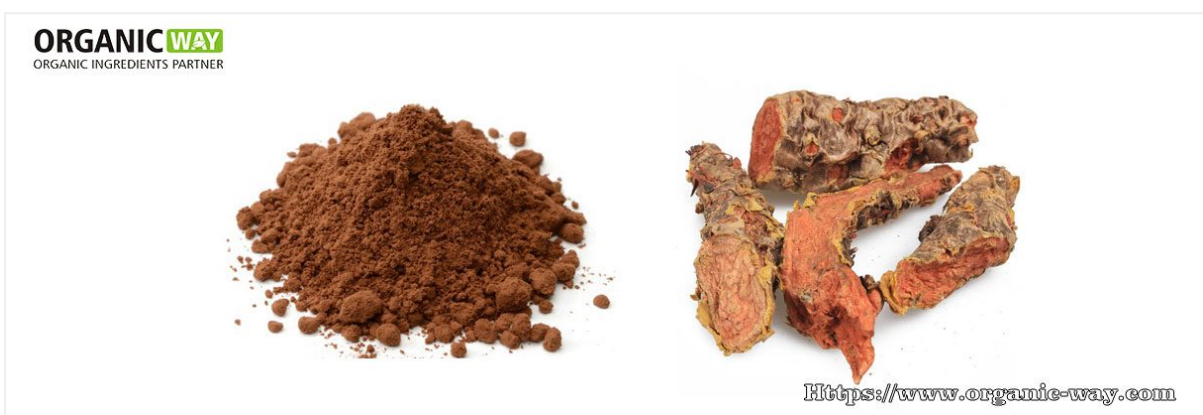


# Organic Rhodiola Rosea Extract Powder



## What is Organic Rhodiola Rosea Extract Powder?

**Organic Rhodiola Rosea Extract Powder** is a concentrated adaptogen with  $\geq 3\%$  **rosavins** and  $\geq 1\%$  **salidroside**, ideal for high-potency supplements. **We also supply Organic Rhodiola Rosea Root Powder**, made from finely ground whole roots, preserving the full spectrum of bioactive compounds for traditional herbal formulations.



## Key Highlights

## 1. Bioactive Integrity:

- Extract Powder:** Standardized rosavins (3-5%) and salidroside (1-1.5%) via ethanol/water extraction.
- Root Powder:** Contains natural rosavins ( $\geq 0.8\%$ ) + polyphenols ( $\geq 4\%$ ) for holistic use.

## 2. Clean Processing:

- Extract:** Solvent-free subcritical water extraction; no chemical residues.
- Root Powder:** Low-temperature milling to prevent heat degradation.

## 3. Certified Quality: USDA Organic, EU Organic, Kosher, Halal, Non-GMO Project Verified.

## Combined Specifications Table

Parameter	Rhodiola Extract Powder	Rhodiola Root Powder
Source	Organic Rhodiola rosea roots	Same as Extract
Processing	Subcritical water extraction	Air-dried, cryogenic milling
Active Compounds	<b>Rosavins <math>\geq 3\%</math></b> , Salidroside $\geq 1\%$	Rosavins $\geq 0.8\%$ , Polyphenols $\geq 4\%$
Particle Size	80 mesh	100-120 mesh
Solubility	Water-soluble ( $\geq 95\%$ )	Partial (ideal for teas/tinctures)
Total Ash	$\leq 5\%$	$\leq 8\%$
Heavy Metals	Pb $< 0.1\text{ppm}$ , As $< 0.05\text{ppm}$	Same as Extract
Microbial	TPC $< 1,000$ CFU/g	Same as Extract

### We also supply:

- Custom Ratios:** Adjust rosavins/salidroside ratios (e.g., 5:1 or 3:1).
- Blends:** Pre-mixed with ashwagandha or ginseng for synergistic adaptogen formulas.

## Key Features & Benefits

- **Adaptogenic Support:** Clinically studied for stress reduction, energy enhancement, and cognitive function.
- **Antioxidant Rich:** Scavenges free radicals with ORAC value  $\geq 20,000$   $\mu\text{mol TE/g}$  (extract).
- **Clean Label:** No carriers, excipients, or synthetic additives.
- **Allergen-Free:** Gluten-free, soy-free, and vegan-friendly.

## Applications

---

- **Extract Powder:**
  - **Supplements:** Capsules, tablets, and energy shots.
  - **Functional Foods:** Added to protein bars, mood-support beverages.
- **Root Powder:**
  - **Herbal Preparations:** Loose-leaf teas, tinctures, and traditional formulations.
  - **Cosmetics:** Anti-fatigue serums and hair growth tonics.
- **Shared Uses:** Pet supplements, nootropic blends.

## Certifications & Quality Assurance

---

- **Organic:** USDA, EU 834/2007, COR.
- **Purity:** Residual solvents <10ppm (extract), pesticide-free (SGS tested).
- **Identity Verified:** HPLC/MS fingerprinting to ensure authentic *Rhodiola rosea*.

## Why Choose Us?

---

- **Ethical Sourcing:** Wild-harvested (Altai Mountains) or cultivated organic farms.
- **Stability Testing:** 24-month shelf life with oxidation-resistant packaging.
- **R&D Support:** Free clinical study references and dosage guidelines.
- **Sustainability:** Zero-waste extraction (spent roots repurposed as fertilizer).

## FAQs

---

**Q: What's the difference between extract and root powder?**

A: *Extract* is concentrated for potency (standardized actives), while *root powder* offers full-spectrum benefits with fiber.

**Q: Can I use both together?**

A: Yes! Combine extract for targeted effects + root powder for holistic synergy.

**Q: Is it safe for long-term use?**

A: Yes – clinically tested at  $\leq 400\text{mg/day}$  (extract) with no significant side effects.

**Q: Do you test for adulteration?**

A: Yes – every batch includes DNA barcoding to prevent substitution with inferior species.

## Packing

