

# Organic Red Ginseng Extract Powder



## What is organic red ginseng extract powder?

**Organic Red Ginseng Extract Powder** (*Panax ginseng* C.A. Meyer), known as **Korean Red Ginseng Extract** or **Ginseng Root Extract**, is a 6:1 water-extracted concentrate from 6-year organic roots. Utilizing low-temperature refinement, it delivers  $\geq 15\%$  bioactive ginsenosides with preserved adaptogenic potency for premium health formulations.

## Specifications

Attribute	Specification
Botanical Source	<i>Panax ginseng</i> C.A. Meyer (6-year roots)
Common Names	Red Ginseng Extract, Korean Ginseng Powder
Extraction Ratio	6:1 Concentrate
Active Compounds	$\geq 15\%$ Total Ginsenosides (HPLC)

Attribute	Specification
Appearance	Fine reddish-brown powder
Particle Size	100% through 80 mesh
Solubility	Water-soluble (cold/hot)
Loss on Drying	≤5%

## Key Features & Benefits

- **Potency Verified:** >15% ginsenosides (Rb1, Rg1, Rg3)
- **Clean Extraction:** Solvent-free water-based process (*AquaExtract™*)
- **Clinical Efficacy:** Adaptogenic support for energy/stress response<sup>1</sup>
- **Bioactivity:** 3x higher bioavailability vs. raw root powder
- **Stability:** 24-month shelf life in UV-blocking packaging

## Applications

Industry	Use Cases ( <i>Synonym Integration</i> )
Nutraceuticals	Ginseng capsules/tablets, adaptogen blends
Functional Foods	Energy bars ( <i>Panax ginseng-infused</i> ), gummies
Beverages	Herbal tonics, nootropic drinks
Cosmeceuticals	Anti-fatigue serums ( <i>Red Ginseng Actives</i> )

## Certifications & Quality Assurance

- **Organic:** USDA/NOP, EU 834/2007, JAS
- **Purity:** Non-GMO, Kosher, Vegan
- **Safety:** ISO 22000, FDA GRAS Notice Filed
- **Testing:**
  - Identity: TLC/HPLC (*Ginsenoside profiling*)

- Contaminants: Heavy metals (Pb<0.5ppm), Aflatoxins (ND)

## Why Choose Us

- **Root Quality:** 100% Korean-origin 6-year ginseng roots (*Geosan certification*)
- **Tech Advantage:** Low-temperature aqueous extraction preserves heat-sensitive Rg3/Rg5
- **Customization:** 4:1 to 20:1 concentrates; Triterpenes enrichment available
- **Supply Chain:** Blockchain-tracked from organic farms to extraction facility

## FAQs

### Q: Difference vs. American Ginseng (*Panax quinquefolius*) extract?

A: Korean Red Ginseng contains higher Rg-group ginsenosides for energizing effects.

### Q: MOQ for ginseng powder?

A: 5kg trial batches; 25kg+ bulk orders with TPD documentation.

### Q: Any allergen risks?

A: Produced in dedicated allergen-free facility (gluten/nut/dairy-free).

### Q: Standardized to which ginsenosides?

A: Rb1 ( $\geq 6\%$ ), Rg1 ( $\geq 3\%$ ), Rg3 ( $\geq 1\%$ ) – full chromatogram available.

## Packing

