

## Organic Red Ginseng Root



### What is Organic Red Ginseng Root?

**Organic Ginseng Root** (*Panax ginseng* C.A. Meyer), traditionally called **Korean Red Ginseng Root** or **Asian Ginseng Root**, consists of premium 6-year roots from certified organic farms. Sun-dried to  $\leq 12\%$  moisture and hand-sorted to preserve bioactive compounds (ginsenosides, polyacetylenes). Retains full-spectrum adaptogenic properties.

### Specifications

Attribute	Specification
<b>Botanical Name</b>	<i>Panax ginseng</i> C.A. Meyer
<b>Common Names</b>	Korean Ginseng, Red Ginseng Root, Insam
<b>Age</b>	6-year cultivated roots
<b>Form</b>	Whole roots or sliced

Attribute	Specification
Moisture	≤12%
Ginsenosides	Natural 4-7% range (dry basis)
Root Diameter	Main root ≥1.5cm; Hair roots attached
Defects	<1% mold/insect damage

## Key Features & Benefits

**Authentic Sourcing:** Traceable to Geumsan/Ginseng-growing regions in Korea

**Bioactive Preservation:** Traditional sun-drying replaces heat processing

**Dual Usage:** Suitable for direct consumption (decoctions) or industrial extraction

**Synergistic Compounds:** Retains ginsenosides + polysaccharides lost in powdering

**Traditional Preparation:** Red ginseng variant steamed per Korean standards

## Applications

Industry	Use Cases ( <i>Synonym Integration</i> )
Herbal Products	Decoction kits ( <i>Panax ginseng</i> tea blends)
Extraction	Raw material for ginseng extracts/tinctures
Supplements	Whole root slicing for capsule filling
Culinary	Medicinal soups/stews ( <i>Insam recipes</i> )
Personal Care	Ginseng-infused oil macerations

## Certifications & Quality Assurance

- **Organic:** USDA/NOP · EU 834/2007 · KOREA Organic Certification
- **Authenticity:** DNA barcoding (*ITS2/psbA-trnH* markers)
- **Purity Tests:**
  - Pesticides: 500+ residues below EU MRLs

- Heavy Metals: Pb≤0.2ppm, Cd≤0.1ppm, As≤0.1ppm
- Microbes: Salmonella spp. absent (per 25g)
- **Processing:** GMP-compliant drying & sorting facility

## Why Choose Us?

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**Grade Selection:** Hand-sorted into sizes:

- **Premium:** ≥30g roots (95% intact)
- **Standard:** 15-30g roots

**Regulatory Support:** Korea MFDS & USFDA GRAS documentation

**Custom Processing:** Available as whole roots, sliced (cross/oblique), or diced

**Volume Handling:** 5MT/month consistent supply

## FAQs

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### Q: Difference between white vs. red ginseng roots?

A: Red ginseng is steamed (enhances Rg3/Rg5 ginsenosides), while white ginseng is sun-dried only.

### Q: Storage recommendations?

A: ≤25°C in vacuum packs with oxygen absorbers (24-month shelf life).

### Q: Minimum order for whole ginseng root?

A: 5kg samples; 50kg+ bulk orders.

### Q: Origin verification?

A: Each batch comes with Korean government-issued Certificate of Origin.

## Packing

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