



**Plant source:**ginger root  
**Botanical name :** Zingiber officinale  
**Other common names :** African Ginger, Ardraka, Black Ginger, Chiang, Ginger,  
**Parts used:** Ginger root  
**Appearance :** Yellow brown powder  
**Specification:** Gingerols 5%-20% HPLC  
**Active ingredients:** gingerols

### **Ginger Root Extract 生姜提取物**

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Standard: GMP,Kosher,HALAL,ISO9001,HACCP

The largest exporter of ginger ---China

The top producer of Ginger Root Extract—OHI

### **Description**

Ginger is the rhizome of the plant *Zingiber officinale*, consumed as a delicacy, medicine, or spice. It lends its name to its genus and family (*Zingiberaceae*). It is sometimes called ginger root to distinguish it from other things that share the name ginger. *Zingiber officinale* Roscoe is a flowering plant, in the family *Zingiberaceae* whose rhizome, ginger root or simply ginger, is widely used as a spice or a folk medicine. It is a herbaceous perennial which grows annual stems about a meter tall bearing narrow green leaves and yellow flowers. Ginger is indigenous to south China, and was spread eventually to the Spice Islands, other parts of Asia and subsequently to West Africa. Ginger was exported to Europe via India in the first century AD as a result of the lucrative spice trade and was used extensively by the Romans. India is now the largest producer of ginger. Other members of the family *Zingiberaceae* include turmeric, cardamom, and galangal. The distantly related dicots in the genus *Asarum* are commonly called wild ginger because of their similar taste.

### **Constituents**

zingerone, shogaols and gingerols

Active ingredients: gingerols

Molecular formula	C17H26O4
Molar mass	294.38 g/mol
Melting point	30-32 °C
CAS number	23513-14-6

Gingerol, or sometimes -gingerol, is the active constituent of fresh ginger.

Physiological effects

Gingerol may reduce nausea caused by motion sickness or pregnancy and may also relieve migraine, besides, it also has effect on cancerous tumors in the bowel, breast tissue, ovaries, the pancreas, among other tissues, with positive results.

### Benefits

Aids in Digestion

Alleviates High Blood Pressure

Treats Nausea and Morning Sickness

Lowers LDL Cholesterol

Help treat ulcers

Help with arthritis.

Alleviate the symptoms of colds and flu

### Applications

Culinary use,

Ginger tea

Dietary supplement

Medicine,

Cosmetics

**OHI**  
NATURAL INGREDIENT  
SOLUTIONS