

# 高品质纯天然山竹提取物 山竹果壳

产品名称	高品质纯天然山竹提取物 山竹果壳
公司名称	长沙捷凯生物制品有限公司
价格	.00/个
规格参数	
公司地址	中国 湖南 长沙市 人民东路111号长房东郡13栋3门1106室
联系电话	86-73182287663 13907487460

## 产品详情

主要成分	Alph-mangostin, Gamma-mangostin, Polyphenols	提取来源	山竹果壳
外观	棕黄至浅黄色	检测方法	HPLC
含量	10, 20, 30, 90 (%)	应用剂型	胶囊、片剂、化妆品、饮料
临床应用	抗氧化	包装	25KG/桶
保存期	24 (月)		

product name:	mangosteen extract, alpha-mangotin, mangosteen polyphenols
latin name:	garcinia mangostana l.
plant part used:	fruit rind (pericarp)
active ingredient:	alpha-mangostin, mangosteen polyphenols, gamma-mangosteen
specification:	detailed
test method:	hplc &.uv
cas no.:	6147-11-1
main function:	antioxidants

brief introduction synonyms --- xango, mangostan, queen of fruits  
alpha-mangostin chemical name  
1,3,6-trihydroxy-7-methoxy-2,8-bis(3-methylbut-2-enyl)xanthen-9-one  
molecular formula  $C_{24}H_{26}O_6$   
molecular weight (g/mol) 410.45964  
chemical structures of mangostins  
alpha-mangostin :  $r_1 = CH_3, r_2 = r_3 = H$   
beta-mangostin :  $r_1 = r_2 = r_3 = H$   
gamma-mangostin :  $r_1 = r_2 = r_3 = H$

Mangosteen (*Garcinia mangostana* Linn.) is a tropical evergreen fruit tree of the family Guttiferae, with deep reddish purple fruit, cultivated in Southeast Asian countries. In Thailand, the fruit of this plant is very popular and has been known as the "queen of fruits". Despite the name, this tree is not related to the mango. The fruit rind of this plant has been used in Thai traditional medicine for treatment of diarrhea and skin infections. For hundreds of years, the people of Southeast Asia have used mangosteen, especially the rind, to ward off and treat infections, reduce pain or control fever, and treat various other ailments. In countries where the tree grows, native healers use various parts of the plant. Its fruit, including the rind and pulp, can be pureed together and sold as a drink. Its rind may be dried and powdered, and substances are also extracted from its bark. The juice or puree is eaten or drunk. In Asia and the Philippines, the rind may be steeped in water to make tea. Some folk healers prepare an ointment or salve to apply to the skin for conditions such as eczema, injuries, and infections. Others boil the leaves and bark of the tree to make a medicinal drink or to mix with other herbs to apply to wounds. The roots may be boiled to make a drink for women with menstrual problems.

Mangosteen rind contains tannins (polyphenols) and xanthenes i.e. alpha-, beta- and gamma-mangostins. Alpha-mangostin is a major component, which possess anti-inflammatory and antibacterial activities against methicillin-resistant *Staphylococcus aureus*, *S. epidermidis*, and *Propionibacterium acne*, which is the critical etiologic agent in acne. It was also reported to inhibit alveolar duct formation in a mouse mammary organ culture model and to suppress the carcinogen induced formation of aberrant crypt foci in a short-term colon carcinogenesis model. In Thailand, mangosteen fruit extract is popularly used as a food supplement while the fruit rind extract has been used in herbal cosmetics and pharmaceutical products.

anti-oxidant anti-aging anti-cancer anti-bacterial support microbiological balance help the immune system improve joint flexibility provide mental support treat diarrhea treat infection treat tuberculosis

Mechanism Mangosteen is touted for its antioxidants, especially xanthenes (a type of chemical in certain plants). Independent scientific research studies showed that mangosteen contains more than 40 xanthenes (alpha-mangostin is a major component), - roughly 20% of about 200 xanthenes found in nature. The mangosteen is the single, most abundant source of xanthenes known to science. A number of these xanthenes were demonstrated in scientific studies to be even more potent antioxidant than vitamins C and E, two of the most powerful antioxidants found in food. They were also shown in scientific and pharmacological studies to possess a variety of immune-system-boosting and healing properties, such as supporting microbiological balance, helping the immune system, improving joint flexibility, and providing mental support. Some proponents claim that it can help diarrhea, infections, tuberculosis, cancer, and a host of other illnesses.

Safety Are there any possible problems or complications? No ill effects have been reported to date. Alpha-mangostin and common mangosteen rind or fruit extract are safe. But relying on this type of treatment alone, and avoiding conventional medical care, may have serious health consequences.

Dosage • The typical dose is 300-900mg (90% alpha-mangostin) per day (usually in 2-3 doses throughout the day). • Consult physicians for different condition specifics. GNI's alpha-mangostin features and benefits: mangosteen extract is one of GNI's most competitive products, with many advantages as listed in the following, produced as our patent-pending process and know-how technology from *Garcinia mangostana* Linn. rind. • Produced with pure water only • High purity: over 95% • No solvent - residual free • Pesticide-free • Crystal bright light yellow in appearance • High anti-bacteria, and longer shelf life

product specifications: 5%-95% -mangostin eu. hplc, 0.3%-8% -mangostin hplc, 5%-95% xanthones eu. hplc, 30% polyphenol (tannins) uv folin-c from dry fruit pericarp (brown color), 10% alpha-mangostin eu. hplc with 30% polyphenols from dry fruit pericarp (red brown), 5% alpha-mangostin eu. hplc with 15% polyphenols from fresh fruit (red color). juice powder 10:1 (about 20% polyphenols), 20:1 (about 30% polyphenols)