

# PRODUCT INFORMATION

## Pomegranate Extract

Promotes Healthy Cardiovascular Function\*

Promotes Healthy Immune Function\*

Potent Antioxidant\*



A study published in the Journal of Agricultural and Food Chemistry in 2006 demonstrated that pomegranate extract significantly increases the antioxidant capacity of blood from human volunteers. The detection of metabolites in the blood supports the bioavailability of a pomegranate extract high in ellagitannins, indicating its potential in the promotion of health (1).

Research substantiates that punicalagins are the primary compounds responsible for the antioxidant and cardiovascular benefits of pomegranate juice. Pomegranate Extract provides a standardized source of punicalagins that is more concentrated and affordable than pomegranate juice. Calorically, Pomegranate Extract contains less than 1 calorie per capsule whereas pomegranate juice has 130 calories per 8 ounces.



60 Capsules  
Dietary Supplement

### References

1. Mertens-Talcott S et al: Absorption, metabolism and antioxidant effects of pomegranate (Punica granatum L.) polyphenols after ingestion of a standardized extract in healthy human volunteers. J Agric Food Chem 2006; 54 (23): 8956-61

### Supplement Facts

Serving Size: One (1) capsule

Each Capsule Contains:

Pomegranate Fruit Extract\*\* 130 mg\*\*\*  
Standardized to contain no less than 40% punicalagins

\*\*\*Daily value not established

Other Ingredients: Gelatin (capsule) and Rice Flour.

### For Professional Use

Specifically formulated nutritional product derived from ingredients quality controlled for consistent potency and safety. This product was manufactured in a GMP Certified facility. Contains no sugar, starch, salt, artificial colors or flavors, corn, wheat, yeast, milk, soy or gluten.

### Recommended Dosage

One capsule twice daily with food or as directed by your health care professional.

\*This statement has not been evaluated by the FDA. This product is not intended to diagnose, treat, cure, or prevent any diseases.

### Why Punicalagins?

#### Punicalagins

- Unique to Pomegranate
- 100% water soluble
- Active before and after metabolism (5,7,9)
- 95% absorption rate (6)
- 5-10 times antioxidant potency of pure EA (1)
- Supported by in vitro, in vivo, and safety studies
- Primary active antioxidant from pomegranate fruit (1,8)
- Directly related to beneficial heart and vascular mechanisms (10, 11)

#### Ellagic acid

- Antioxidant found in several fruits and extracts.
- Highly insoluble in water.
- Poorly absorbed when taken orally in free form (2,3,4)
- Antioxidant potency from in vitro data only.
- Free form naturally found in small amounts in whole pomegranate.

1. J. Agric Food Chem 2000 48 (10) p4581  
2. Xenobiotica 1980 (10) p247.  
3. Carcinogenesis 1986 (7) p1663,  
4. J. Chromatogr Bull 2003(796) p189  
5. 228th ACS National meeting AGFD-044. American Chemical Society 2004, 69FTZ8

6. Eur J Nutr 2003 (42) p18.  
7. Clinica Chimica Acta 2004 (348) p63.  
8. J Nutr Biochem, 2005 Jun;16(6):360-7.  
9. J Agric Food Chem 2006 Nov 15 54 (23) p8956-61  
10. Atherosclerosis 2007 Feb 9 (Epub).  
11. Cardiovasc Res 2007 Jan 15;73(2):414-23.