# **Magnesium Citrate**

#### DESCRIPTION

Magnesium Citrate, provided By Douglas Laboratories, supplies 150 mg of elemental magnesium from bioavailable magnesium citrate in each convenient capsule.

## **FUNCTIONS**

Magnesium plays an essential role in a wide range of fundamental cellular reactions. More than 300 enzymes require magnesium as a cofactor. Complexed with ATP, the main carrier of metabolic energy in the body, magnesium is essential for all biosynthetic processes: glycolysis, formation of c-AMP, energy-dependent membrane transport, transmission of genetic code for protein synthesis, and muscle function. Magnesium is involved in maintaining already normal heart function and blood pressure.

#### **INDICATIONS**

Magnesium Citrate may be a useful dietary adjunct for individuals wishing to supplement with this essential mineral.

## FORMULA (#85045)

1 Capsule Contains:

#### SUGGESTED USE

Adults take 1 capsule daily with meals or as directed by physician.

#### SIDE EFFECTS

No adverse side effects have been reported.

### **STORAGE**

Store in a cool, dry place, away from direct light. Keep out of reach of children.

# **Magnesium Citrate**

#### **REFERENCES**

Kisters K, Spieker C, Tepel M, Zidek W. New data about the effects of oral physiological magnesium supplementation on several cardiovascular risk factors (lipids and blood pressure). Magnes Res 1993;6:355-360.

Lasserre B, Spoerri M, Moullet V, Theubet M-P. Should magnesium therapy be considered for the treatment of coronary heart disease? II. Epidemiological evidence in outpatients with and without coronary heart disease. Magnes Res 1994;7:145-153.

Orlov MV, Brodsky MA, Douban S. A review of magnesium, acute myocardial infarction and arrhythmia. J Am Coll Nutr 1994;13:127-132.

Rayssiguier Y, Durlach J, Gueux E, Rock E, Mazur A. Magnesium and ageing. I. Experimental data: Importance of oxidative damage. Magnes Res 1993;6:369-378.

Rock E, Astier C, Lab C, et al. Dietary magnesium deficiency in rats enhances free radical production in skeletal muscle. J Nutr 1995;125:1205-1210.

Sojka JE, Weaver CM. Magnesium supplementation and osteoporosis. Nutr Rev 1995;53:71-74.

Spencer H, Fuller H, Norris C, Williams D. Effect of magnesium on the intestinal absorption of calcium in man. J Am Coll Nutr 1994;13:485-492.

### For more information on Magnesium Citrate visit douglaslabs.com

† These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

Manufactured by Douglas Laboratories 600 Boyce Road Pittsburgh, PA 15205 800-245-4440 douglaslabs.com



2

You trust Douglas Laboratories.
Your patients trust you.

© 2013 Douglas Laboratories. All Rights Reserved