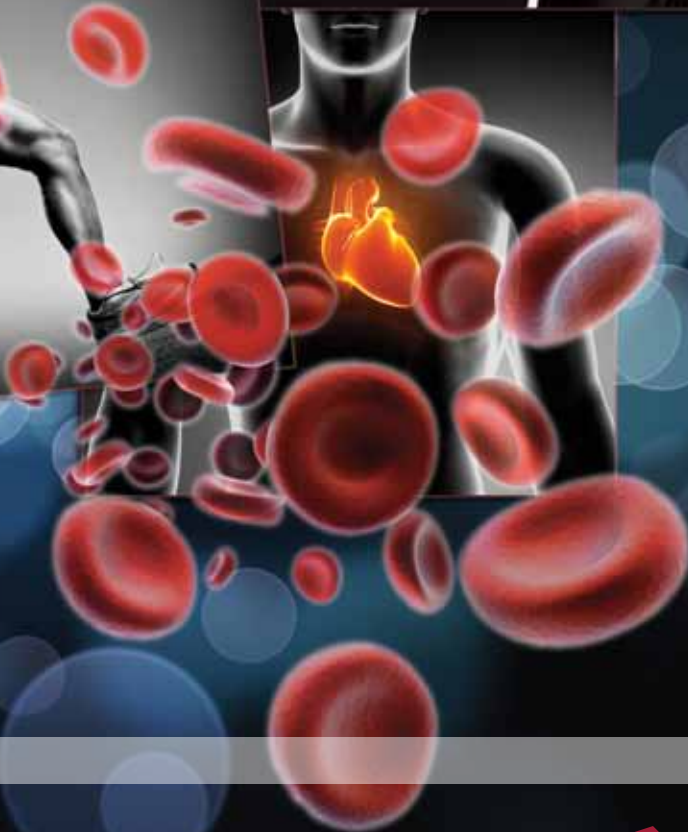


Mg

Magnesium



MAGNESIUM

AMINO ACID CHELATES & ORGANIC MINERAL SALT FORMS



ALBION

HUMAN NUTRITION

Magnesium, a macro mineral present in every cell type in the body and critical in over 300 functions on a cellular level. It is the mineral of life and energy. It plays a major role in muscle and nerve function, delivery of fluid to cell structure, keeps the heart rhythm steady, and promotes normal blood pressure and blood sugars. In the sports nutrition arena, magnesium is most widely known for its support of energy metabolism ATP, an enzymatic energy source on a cellular level and must be bound to Mg (Mg-ATP) in order to be biologically active and unleash its power.

Clinical Manifestations of Severe Magnesium Deficiency

Cardiac Effects

- Atrial fibrillation
- Atrial flutter
- Supraventricular tachycardia
- Ventricular tachycardia
- Torsades de pointes
- Coronary artery spasm
- Hypertension
- Electrocardiogram changes
 - Prolonged PR interval
 - Widened QRS complex
 - Prolonged QT interval
- Atherosclerosis

Metabolic Effects

- Hypokalemia
- Hypocalcemia
- Increased intracellular calcium
- Hyponatremia
- Increased intracellular sodium
- Hypophosphatemia
- Metabolic alkalosis
- Hyperglycemia
- Hypercholesterolemia

Neurologic Effects

- Grand mal seizures
- Focal seizures
- Paresthesias
- Dizziness
- Vertigo
- Ataxia
- Nystagmus
- Tremor
- Myopathy
- Dysphagia
- Esophageal spasm
- Delirium, personality changes, depression, coma

With increasing accounts of magnesium deficiencies due to low levels in the food we eat, the type of diet regimen followed and strenuous lifestyle we operate in, magnesium deficiency gradually develops and is aggravated over time. Symptoms such as low muscle fatigue, small intestine inflammation, metabolic syndrome, hypertension, inflammatory response to oxidative stress and insulin resistance may all point to magnesium deficiency. It's no wonder Albion Human Nutrition has put so much time, research and scientific studies into its unique mineral delivery systems to address the human condition.

Albion® has developed no less than nine magnesium delivery systems ideally suited for different applications. Each mineral form was designed from a body-centered point of view: How does the body use magnesium and what molecule, coupled to magnesium, will give the body a unique absorption advantage. Utilizing Albion's patented chelation process with five different amino acids provide for a pre-designated, body-centric magnesium delivery system targeting different critical functions. Together with other organic mineral forms as well as buffered and taste free options, Albion Human Nutrition has the ingredient to suit your needs with the high degree of quality in manufacture and science you've come to expect.

Albion's mineral ingredients are:

Hypoallergenic

Kosher

Halal

EFSA Approved Forms

GMP

Vegetarian Friendly

BSE Free

Nutritionally Functional

Chemically Validated

ISO 9001 Certified

CAS Registered Forms

GMO Free

Clinically Proven Forms

Gluten Free

These statements have not been evaluated by the FDA. The product is not intended to diagnose, treat, cure or prevent any disease.

Consult with your physician prior to using any dietary supplement and take as instructed by product labeling or as directed by a healthcare professional.
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Products:

3451 Magnesium Glycinate Chelate Buffered 18% Mg

3461 Magnesium Glycinate Chelate Taste Free 8% Mg

3476 Magnesium Glycinate Chelate Powder 10% Mg

3500 Magnesium Lysyl Glycinate Chelate 10% Mg

3527 Magnesium Glycyl Glutamine Chelate 8.5% Mg

3465 Magnesium Creatine Chelate Creatine MagnaPower® 8% Mg

3542 Magnesium Aspartate Granular 20% Mg

4051 DiMagnesium Malate Powder 20% Mg

4052 DiMagnesium Malate Granular 20% Mg

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