

Simag™

Natural Marine Magnesium

- A purified sea water extract
- Source of marine minerals & micronutrients
- Supports 10 health claims



Magnesium is an essential mineral nutrient which plays a role in energy metabolism, mineral homeostasis, neuromuscular and endocrine functions.

Thanks to Simag™, Nexira offers a perfect solution to help cope with magnesium deficiencies.

Source of Magnesium

Simag™ is a purified natural marine mineral extract.

Its specific geographical origin allows a **unique mineral profile**. Gentle and solvent free process allows reduction of sodium and chloride content.

Approved nutritional & health claims

Simag™ is a source of natural magnesium allowing nutritional claims:

- "source of magnesium"
- "rich in magnesium"

Magnesium is an essential nutrient and serves as a co-factor for over 300 enzymes involved in biological processes. Magnesium deficiency could be related with numerous health disorders such as anxiety, cramps, cardiovascular disorders, bone health, growth, etc.

EFSA scientific panel has approved 10 health claims for magnesium.

Simag™ 55 at a dose of 103 mg/day qualifies for nutritional and health claims.

Suitable for numerous applications

Simag™ is standardized to different concentrations:

Simag™ 15

- 100% soluble extract with 10 to 15% of magnesium.
- Powder form suitable for food and beverage.

Simag™ 55

- 100% extract with 55% of magnesium.
- Fine powder form suitable for tablets and capsules.

Simag™ 45G

- 100% extract with 45% of magnesium.
- Granulated form for better compression in tablets.



THE 10 EFSA HEALTH CLAIMS FOR MAGNESIUM*

Reduction of tiredness and fatigue
Normal psychological functions
Normal muscle function
Normal neurotransmission
Normal protein synthesis
Electrolyte balance
Maintenance of normal bone
Normal cell division
Maintenance of normal teeth
Normal energy-yielding metabolism

*Approved by Regulation (EC) N°432/2012

CORRESPONDING SIMAG™ DOSAGES FOR NUTRITIONAL CLAIMS

	Source of Mg 15% of RDI	Rich in Mg 30% of RDI
Simag™ 15	375 mg	750 mg
Simag™ 45G	125 mg	250 mg
Simag™ 55	103 mg	206 mg

Simag™, the perfect source of magnesium for everyday healthy living