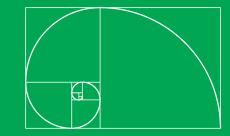


# PRODUCT INFORMATION

MENAQUINONE-7 VITAMIN K2, MK-7

1.888.55VESTA



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Vesta Ingredients has been a leader in the nutraceuticals industry for over 25 years. The superior quality of Vesta Brand raw ingredients has ensured the success of our clientele.

#### Vesta Natto MK-7™

Natto MK-7™ is Vitamin K2 MK-7, also known as Menaguinone-7. MK-7 is a highly bioavailable extract of "natto" which is a traditional Asian soy-food dish. The Vitamin K2 form of MK-7 is absorbed better than the Vitamin K1 form, which is more commonly found in other food products. Natto MK-7™ functions in the carboxylation and binding of calcium to specific bone proteins. Research shows that MK-7 regulates calcium in the arteries as well. Thus, Natto MK-7™ ultimately supports both circulatory and skeletal health at the same time.

#### **Advanced CO2 Extraction Process**

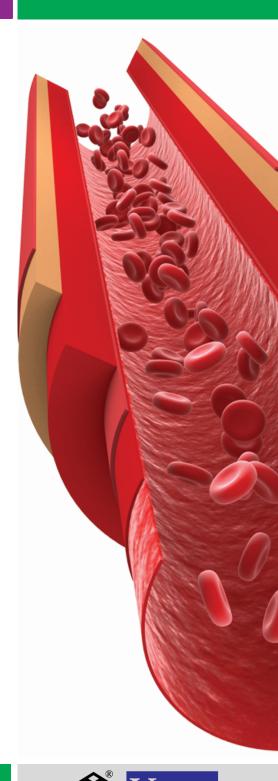
- Supercritical (CO2) extraction with high pressure and low temperature, for an environmentally friendly manufacturing process
- Preserves the original active properties without any solvents for the most bioactive compound
- Produces a concentrated and pure extract that is very stable and highly bioavailable

## **Technology Advantages**

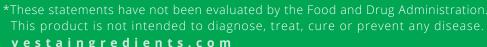
- New manufacturing process using CO2 and no solvents
- Supercritical (CO2) extraction for a concentrated and pure extract is environmentally friendly
- Clean purification with separation of MK-7 trans form
- Complies with USP 40 Monographs

#### Features of Natto MK-7™

- All-natural produced MK-7 results in high-yield, high-quality, highlybioavailable, and highly-effective finished product
- Natto MK-7™ helps to regulate calcium levels in bones and arteries
- Vitamin K2 MK-7 has the highest bioavailability and bioactivity of all Vitamin K vitamers
- Supports both circulatory and skeletal health



Vesta Ingredients, Inc.









MK-7 regulates calcium through an amino acid that is part of the matrix Gla protein (a calcium-regulating protein), which is dependent on MK-7 to function properly. If the protein does not contain enough MK-7, it will not be able to retain calcium through carboxylation. Without MK-7, the calcium does not get directed to the areas where it is needed, such as the bones and instead, calcium moves out into the bloodstream and deposits in arteries and other soft tissue. MK-7 ensures that the calcium is directed and retained in the bones at normal, healthy levels.

#### Benefits of Natto MK-7™

MK-7 is unique in that it displays no toxicity at normal recommended levels, and unlike Vitamin K2, it does not concentrate in the liver. MK-7 helps promote a healthy cardiovascular system and may help to maintain healthy bones, joints, and arteries.

### How does MK-7 support healthy bones?

Bone mineral density is directly related to the amount of MK-7 that is present within the body. With the addition of MK-7 to the diet, aging-related bone loss might be avoided, and support is provided for skeletal health.

## **Product Information: Packaging & Storage:**

- Appearance: Powder
- Oder/Taste: Characteristic
- Dose: 45-160 mcg daily
- Store in a cool dry place
- Do not freeze
- · Keep away from strong direct light
- Package Unit: 1-5 kg

#### Uses

Dietary Supplement

SPECIALTY INGREDIENTS

Capsules/Tablets/Softgel/Powder

## For more information, go to: www.nattomk7.com

# Innovative products at a competitive price™









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