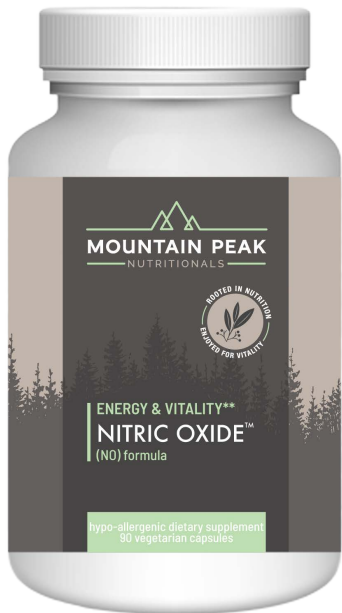


# TECHNICAL DATA SHEET



## ENERGY & VITALITY NITRIC OXIDE™

Supports healthy blood flow and circulation.

Nitric oxide is a key molecule in the support of a healthy cardiovascular system, healthy blood vessels and blood pressure function. It has been found to support the immune system and the nervous system, including the brain. Nitric oxide supports greater cellular energy and is beneficial both when performing strenuous exercise and increasing one's energy level. Nearly every type of cell in the human body produces nitric oxide and it is one of the most important molecules for blood vessel health. It acts as a signaling molecule which modulates many functions in the body at the cellular level. Nitric oxide also functions as a vasodilator, which supports the blood vessels to widen to provide healthy blood flow. L-citrulline not only supports nitric oxide production, it also may reduce the feeling of muscle soreness. Nitric oxide, when released within the penis, relaxes the smooth muscle cells of the corpus cavernosa, making it easier for blood to flow into the spongy tissue allowing for the expansion of the penis during sexual stimulation.

### Supplement Facts

Serving size: 1 capsule

Servings per container: 90

Amount per serving	%DV
<i>Nitric Oxide Proprietary Blend:</i>	756 mg *
L-Arginine, L-Citrulline, Hawthorn Berry extract (Crataegus spp), White Pine Bark extract (Pinus spp), Acetyl-L-Carnitine HCl, Bamboo extract (aerial parts) (Bambusa vulgaris), BioPerine® Black Pepper extract (Piper nigrum)	

\*Daily Value not established.

Other ingredients: vegetarian capsules (Hypromellose and purified water), rice flour (kosher)

BioPerine® is a registered trademark of Sabinsa



### INGREDIENTS:

#### L-Arginine

L-arginine is one of the most metabolically versatile amino acids. In addition to its role in the synthesis of nitric acid, L-arginine is used to support the cardiovascular system. L-arginine is a conditionally essential amino acid (meaning the body can normally manufacture a sufficient supply).

#### L-Citrulline

L-citrulline is a naturally occurring alpha amino acid that has many supportive health benefits, including increased feelings of strength and stamina and improved heart health. The L-citrulline passes through the liver unchanged and assists L-arginine in the kidneys to re-enter the bloodstream (1).

#### Hawthorn Berry

Hawthorn berries have a long history of use in supporting cardiovascular health. Hawthorn berries are very rich in nitrite reductase—a key enzyme for converting "raw" nitrates into NO. Hawthorn also contains 5% polyphenols which also helps facilitate nitrite reduction while inhibiting unwanted nitrosation reactions. The flavonoids in Hawthorn are thought to interrupt the angiotensin converting enzymes, supporting vasodilatation and improved circulation (2).

Replaces all previous versions: 11.7.22

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.

### **White Pine Bark**

Oligomeric Proanthocyanidins (OPCs) are natural polyphenols, and are the active constituents in pine bark and grape seed extracts. OPCs have strong antioxidant properties. Pine bark extract supports healthy nitric oxide (NO) levels in the body, which are responsible for healthy vasodilation and improving blood flow.

### **Acetyl L-Carnitine HCl**

Acetyl L-carnitine is an acetylated form of the amino acid L-carnitine. Scientists discovered that by acetylating carnitine, it was able to cross the blood-brain barrier more effectively. Acetyl L-carnitine makes the transport of fatty acids to the brain easier by allowing the acids to easily cross the barrier and nourish the brain (3).

### **BioPerine® Black Pepper**

BioPerine® is a patented extract obtained from black pepper fruits (*Piper nigrum*) standardized to a minimum to 95% piperine. BioPerine® has been used to enhance absorption and bioavailability of nutrients by at least 30%.

*Patients: Consult with your healthcare professional for the proper use of this formula.*

**For more information about this and other Condition Specific Formulas® please visit our website at:**

mountainpeaknutritionals.com  
email us: support@mtnpeaknutrition.com



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## REFERENCES

1. Br J Clin Pharmacol 2008;65:51-9
2. Davies JR. Hawthorn, Shaftsbury, Dorset Element Books. 2000
3. Acetyl L-carnitine. Monograph (PDF) Alt Med Rev 15(1):76-83 PMID 20359271

