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#### What is V MAX?



V MAX ™ is an advanced Nitric Oxide support blend based on Nitrosigine®. This compound has proven to increase artery diameter as much as 30% in a single dose over a placebo and is as much as 5x more effective than AKG alone. AlphaGPC® has been proven to support brain health by increasing oxygenation to aid in concentration, and focus. V MAX is a blend of Vitamins, Trace Minerals, Botanicals, Coenzymes bound in a berry flavor designed to support wellness and recovery.

# **V MAX contains**

Biotin

Vitamin C (Ascorbic Acid)

Vitamin E (D-Alpha Tocopheryl Acetate)

Vitamin D3

Vitamin K2

 $Nitric\ Oxide\ Support\ Blend:\ Nitrosigine @,\ L-Citrulline,\ Lecithin\ Sunflower,\ Watermelon,\ Pomegranate\ Juice,\ Beet\ Powder and Control of Contr$ 

 $Berry\ Blend:\ Grapeseed/Grape\ Skin\ Extract,\ Camu\ Camu,\ Blackberry\ Juice\ Powder,\ Raspberry\ Juice\ Powder$ 

Botanical Endothelium Recovery: Hawthorn Berry, Horse Chestnut, Green Coffee Bean Extract, Indian Gooseberry, Saw Palmetto, Sodium Hyaluronate

Astrion®

AlphaGPC®

Deep Ocean Trace Mineral Blend

Phosphatidylcholine

Co-Enzyme Q10

Omega Complex (as AhiFlower)

AstraGin®

Other Ingredients: Monk Fruit Extract, Citric Acid, Raspberry Flavor



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## **Benefits**

#### **Stimulates vasodilation**

Nitrosigine is a patented complex of bonded arginine silicate that has been shown to enhance nitric oxide and arginine levels in the blood for up to six hours after ingestion<sup>1</sup>. A pre-clinical study found that Nitrosigine increased blood flow more than twice as effectively as Arginine-HCL3, and was five times as effective in vasodilation<sup>2</sup>.

### **Improves cognitive function**

Nitrosigine® has been validated to increase levels of arginine, silicon and nitric oxide production, which enhances blood flow to the brain. A randomized double-blind study showed that Nitrosigine® significantly improved the ability to perform complex tests in cognitive function requiring mental flexibility, executive functioning, and high processing speed<sup>3</sup>.

AlphaGPC® is a cholinergic compound used for cognitive enhancement. It increases plasma and brain choline levels which has significant benefits for mental function and has been shown to boost improve focus and memory recall in eldery patients with dementia<sup>4</sup>. It may also reduce the effects of cognitive decline that comes with aging.

Phosphatidylcholine provides choline, which is essential for the synthesis of acetylcholine required for healthy muscle control, circadian rhythm, memory, and many other cognitive functions<sup>5</sup>.

## **Supports cardiovascular function**

Vasodilation helps to control blood pressure and the overall risk of heart disease. Nitric oxide has been shown to support basal vascular tone, prevent platelet activation, and limit leukocyte adhesion to the endothelium. These benefits are crucial for reducing the risk of common cardiovascular disorders, including hypertension and atherosclerosis<sup>6</sup>.

Hawthorn berry may help control high blood pressure, reduce cholesterol levels, and protect against heart disease. Horse chestnut also boosts peripheral blood circulation and can treat varicose veins, swelling in the legs, and water retention<sup>7</sup>. Green coffee bean extract is also found to significantly decrease fasting blood sugar, insulin, and triglycerides, but improve HDL8.

Phosphatidylcholine supplementation lowers plasma homocysteine concentrations, potentially reducing cardiovascular disease

CoQ10 has a critical role in ATP production by participating in redox reactions within the electron transport chain in the mitochondria. It also acts as a potent anti-inflammatory agent and may improve endothelial function by reducing oxidized low-density lipoprotein and improving nitric oxide bioavailability<sup>10</sup>.

## **Enhances physical performance**

Nitrisigine is found to increase endothelial-dependent vasodilation by improving flow mediated dilation. Increased vasodilation was shown to increase skeletal muscle blood flow in young male athletes, resulting in potential improvements in exercise performance. Nitrosigine may also improve workout performance and recovery by increasing increase silicon plasma levels<sup>11</sup>.

AlphaGPC® was found to increase lower body force production after six days of supplementation. It is recommended among sports coaches for boosting speed and power in athletes and enhancing muscle performance<sup>12</sup>.

# **Supports healthy detoxification**

Phosphatidylcholine is required for structural support and membrane fluidity while assisting with cell signaling and cell function. It also has an important role in providing choline for lipid metabolism, neurotransmitter synthesis, and proper methylation<sup>13</sup>. It supports liver function and detoxification and has been used in the treatment of several liver diseases, including those related to alcohol and drug use.

### Support healthy skin renewal

Astrion™ is a patented and clinically-studied cosmeceutical ingredient extracted from Astragalus and Gotu kola to provide advanced hydration in the skin. As well as supporting skin health, Astrion™ may have anti-aging benefits by enhancing collagen

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## **Benefits**

production and hyaluronic acid synthesis. It may also increase proline and glucosamine uptake in epidermal cells<sup>14</sup>. These benefits can help reduce the signs of premature aging in the skin and support a youthful complexion.

### Support overall nutritional uptake

By increasing blood flow throughout the body, V-Max enhances the delivery of nutrients and oxygen to the tissues and organs. At the same time, the unique composition of Astragin has been shown to improve absorption of peptides, amino acids, fatty acids, vitamins, and phytonutrients by up to 60%15. It also helps to repair damage to intestinal epithelial cells and reduce gut inflammation, which is vital for the efficient uptake of nutrients and immune system function.

### Provides valuable essential fatty acids

When compared to evening primrose and echium oils, Ahiflower oil is found to deliver the richest overall balance of omega-3 and omega-6 plant-based fatty acids in an optimal 4:1 ratio.

The high content of stearidonic acid (SDA) and alpha-linolenic acid (ALA) in Ahiflower supports fast and efficient conversion to crucial long-chain omega fatty acids including EPA, ETA, DPA, and DHA, which have numerous anti-inflammatory benefits<sup>16</sup>. Ahiflower contains high levels of Omega 6 GLA, which is easily converted to DGLA.

#### Help manage inflammation

Ahiflower provides therapeutic levels of gamma-linolenic acid (GLA), a beneficial form of omega 6. GLA has been shown to inhibit several inflammatory compounds including pro-interleukin-1beta, and cyclooxygenase-217. GLA also inhibits inflammatory responses through inactivation of protein transcription factors NF-kappaB and AP-118. Long term, this may help reduce the risk of many chronic inflammatory diseases.

## **Supports sexual function**

Erectile dysfunction (ED) is linked to impaired formation and action of nitric oxide, which is required for initiating and maintaining penile vasodilatation and penile erection. Supplementary nitric oxide may be beneficial for replenishment of this molecule and

Nitric oxide is an important signaling molecule in healthy circulation and has a central role in healthy sexual response. When released, nitric oxide triggers LHRH secretion and also exerts an inhibitory effect in the control of oxytocin secretion, which stimulates libido and sexual arousal<sup>20</sup>.

# Dosage & How To Take

Take 1 scoop daily prior to meals in 8 oz. of water or as directed by a health care provider.

## Safety & Side Effects

V-MAX has an excellent safety rating with no reported interactions from the supplement.

V-MAX is not intended to replace any medication or procedures used to treat cancer, viral infections, or illnesses. Do not discontinue treatment or cancer medications without a doctor's permission.

Women who are pregnant, nursing, or any person who is immune-compromised should consult their physician before using this product. Certain medications may interact with individual ingredients - talk to your doctor if you take any medications.

### Disclaimer:

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- Information and statements contained have not been confirmed by additional studies.

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