

Gene
BALANCE

CY-youth juice

NAD⁺
Booster

Contains
6000mg
NMN



MAKLUMAT KESIHATAN

What Is NMN ?

NMN (Nicotinamide Mononucleotide) is a derivative of vitamin B3. It is found in many plants and animals, such as broccoli, Chinese cabbage, avocado, tomato, beef, shrimp, etc. NMN participates in many biochemical reactions in the human body and is closely related to immunity and metabolism. The most well-known effect is to restore the original state of new cells and restore physiological functions to youth. As a source of cellular energy, NMN can be converted into NAD⁺ in cells. Increasing the concentration of NAD⁺ in the body can restore the body to youthful vitality. However, since NAD⁺ is a large molecule and cannot be directly absorbed from food, it must be converted through small molecule NMN. NMN is the only precursor of NAD⁺ and the most important nutritional conversion component for anti-aging.

Historical Background...

The discovery of NMN is closely related to the coenzyme NAD⁺. because it has the advantages of delaying aging, reducing fat, and such as small side effects, it has attracted much attention and favor in recent years, and corresponding health products have been developed and put on the market.

(1) In 1963, Chambon, Weill, and Mandel discovered that NMN can provide a cellular energy required to activate ribozymes. Even in the absence of other nucleoside triphosphates, NMN greatly enhances the activity of DNA-dependent enzymes;

(2) In 2014, David Sinclair et al. found that NMN can delay mammalian aging and extend the lifespan of mice, especially in male mice;

(3) In 2017, David Sinclair et al. also found that NMN can reverse DNA damage in mice by increasing NAD⁺ levels;


(4) In 2020, Tomas Kiss et al. found that NMN not only improved blood flow and neurovascular health in aged mice, but was also associated with mitochondrial protection, anti-inflammation, and certain reverse transcription effects;

(5) In the same year, researchers such as S. Tarantini found that supplementing with NMN can not only improve the microvascular endothelial function and neurovascular coupling response of elderly mice, but also improve cognitive function.

EFFICACY AND APPLICATION

β -Nicotinamide mononucleotide (NMN) has an effective therapeutic effect (indirectly) in animal models of diseases such as diabetes, cerebral ischemia and Alzheimer's disease, mainly by stimulating the synthesis of NAD⁺. Compared with direct NAD⁺ administration, NMN administration is easier to penetrate the cell membrane, not only better exerting its pharmacological activity, but also avoiding side effects such as anxiety and insomnia caused by high-dose NAD⁺ intake.

In addition, NMN can also effectively treat cerebral hemorrhage, reduce fat and lose weight, repair DNA damage, improve dark vision and retinal function, improve mitochondrial energy status, and promote neurovascular regeneration.



...Bagaimana Meningkatkan Kesehatan Kita?

- Protect Brain Function

- Anti-oxidation

- Regulate Skeletal Muscle Metabolism

- Repair Damaged Or Aging Cells

- Promote Angiogenesis

- Regulate Protein Function

- Improve Metabolism

- Regulate Heart Function

- Maintain Blood Vessel Health

- Regulate Circadian Rhythm Of Biological Clock

- Improve Ovarian Function

- Prevent Neurodegeneration

- Prevent Age-related Hearing Loss

- Regulate Adipose Tissue

- Delay Aging And Prolong Lifespan

- Regulate Insulin Signaling

PRODUCT INTRODUCTION

Gene
BALANCE

CY-youth juice



Product Name	CY-Youth Juice
Specification	1gm x 30 Sachets
Ingredients	Chester Blackberry powder, Beta-Nicotinamide Mononucleotide, Elderberry Juice Powder, Blueberry Juice Powder, Raspberry Juice Powder, Isomalto Oligosaccharide, Resveratrol.
Storage	Store in a cool and dry place. Keep out the reach of the children.
Instruction Of Usage	Direct consume, take 1-2 sachet per day.
Shelf Life	24 Months

NUTRITIONAL INFORMATION

NUTRITION FACTS / 营养成分表

Serving Size 服给用量 : 1g / 公克
Serving Per Box 每盒 : 30 sachets / 份

Total Amount Present In / 每次含量 :

	100g	1g
Energy / 能量	370 kcal (1554 kJ)	3.7 kcal (15.54 kJ)
Total Fat / 总脂肪	1.9g	0.02g
Saturated Fat / 饱和脂肪	1.4g	0.01g
Trans Fatty Acid / 反式脂肪酸	0g	0g
Sodium / 钠	10.6mg	0.11mg
Carbohydrate / 碳水化合物	80.8g	0.81g
Total Sugar / 总糖分	38.9g	0.39g
Total Dietary fiber / 总膳食纤维	1.1g	0.01g
Protein / 蛋白质	6.9g	0.07g

PRODUCT FEATURES

Gene
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CY-youth juice

It is one of the few
NMN brands with the highest
purity in Malaysia



Each pack
contains
200mg

NAD+
Booster

Over
99.7%
High
Purity
NMN

NMN

PRODUCT BENEFITS

What Effects Does NMN Have On The Human Body?

Everyone wants to look young and beautiful. Both men and women want to reverse time and return to their peak. NMN is an important anti-aging conversion ingredient and has the following important effects on the human body:

1 Anti-aging & Improve The Physical Function Of The Elderly

The cells in the human body will continue to divide and regenerate. The "telomeres" located at the ends of the cell chromosomes can maintain the integrity of the chromosomes and control the cell division cycle. The longer the telomere, the better the cell's ability to replicate. Each time the cell replicates, the telomere will shorten a little. If the telomere is exhausted, it means that the cell will gradually die. Scientists recognize that telomere length is the main sign of life span and is also called the cell's life clock.

NMN can stabilize telomeres and maintain their length. Supplementing NMN can also increase the concentration of NAD⁺ in the body, delaying and improving various diseases caused by aging. Harvard used mice to find that taking NMN twice a week significantly rejuvenated mice and extended their lifespan by 30%. It can even rejuvenate old eggs and extend their reproductive age. These are all concrete results of anti-aging.

2 Improve Insomnia, Brain Degeneration & cognitive Impairment

You must have heard this saying before: the elderly sleep shorter and often wake up in the middle of the night. They cannot fall asleep when they should, sit and watch TV during the day and end up being watched by the TV. They forget what they said in the last second in the next second, and they forget where they put something they clearly collected. These symptoms can be improved by supplementing NMN.

NAD⁺ can improve metabolism and adjust the sleep clock, allowing the elderly to adjust their sleep to the state of young people, have deep sleep at night, and be full of energy during the day. In addition, NAD⁺ can also reduce the important component of Alzheimer's disease β -amyloid protein, restore the brain's cognitive function, and activate the brain.

3

**Improve The
Three Highs
And Body
Inflammation**

The three highs are common metabolic problems in modern society : high blood pressure, high blood lipids, and high blood sugar. Each of them will affect physical health. NMN can improve inflammation in the body. It has the same effect as anti-inflammatory drugs but does not harm the body. It can also slowly lower blood pressure, enhance insulin sensitivity, and help fat metabolism.

4

**Prevent
Alcoholic Fatty
Liver And Protect
The Heart**

Long-term drinking alcohol may cause fatty liver, liver fibrosis and even liver cancer. NAD⁺ can help metabolize alcohol and protect the heart's mitochondria, preventing the heart from being overloaded and causing heart failure.

5

**Improve
Glaucoma &
Enhance Body
Immunity**

A decrease in NAD⁺ can lead to mitochondrial dysfunction and glaucoma, making retinal ganglion cells prone to metabolic crisis under high intraocular pressure. Supplementing NMN can increase NAD⁺ concentration, help improve glaucoma, and also enhance the activity of immune cells and strengthen the body's immunity.

6

**Help Pregnancy
& Improve
Male Sexual
Function**

Experiments have found that supplementing with NMN can increase the number and quality of oocytes, and older oocytes can be restored to almost the same state as young oocytes, which has been proven to increase the chance of conception and improve the health of offspring. In men, it can enhance testosterone function and help enhance male sexual function.

WHICH GROUPS NEED COLLAGEN SUPPLEMENTATION?

If you belong to the following 5 groups, you are suitable for NMN supplementation...



1. People Who Care About Beauty

If you want to maintain youth and beauty, NMN is the key to youth and beauty, helping you maintain beauty and physiological functions.



2. Office Workers Or Students

These groups face pressure from all aspects, such as life, schoolwork, and work pressure, which affects our youth and beauty



3. Those Who Are Supplementing Collagen And Hyaluronic Acid

This group of people mainly want to maintain their beauty. Collagen is like steel bars, hyaluronic acid is like cement and NMN is more like the sand and metal that build steel bars and cement providing help from the most fundamental place.



4. Eating Out And Unbalanced Diet

An unbalanced diet will also affect our overall condition, from the outside to the inside, NMN can help regulate physiological functions



5. People Who Want To Restart Their Second Spring

As we age, our digestive tract function will also decline, affecting the intake of nutrients. Physiological functions will also decline accordingly. You can supplement NMN in time to help regulate physiological functions and maintain youthful beauty



MAIN INGREDIENTS



Berries...

Studies have shown that berries contain healthy compounds such as polyphenols and flavonoids, which can produce a variety of health benefits, such as reducing inflammation and oxidative stress, enhancing metabolic function, improving vascular function, and enhancing nerve signaling. Grapes also contain polyphenols and resveratrol compounds, which have a variety of health-promoting effects through different mechanisms such as anti-oxidation, anti-inflammatory, immune regulation, and regulation of intestinal flora.



β -Nicotinamide Mononucleotide...

NMN (Nicotinamide Mononucleotide), Chinese for " β -Nicotinamide Mononucleotide", is a derivative of vitamin B3. This ingredient is found in many plants and animals, such as broccoli, Chinese cabbage, avocado, tomato, beef, shrimp, etc. NMN participates in many biochemical reactions in the human body and is closely related to immunity and metabolism. The most well-known effect is to restore the original state of new cells and restore physiological functions to youth.

Resveratrol...

Research suggests that resveratrol has a range of significant disease-fighting benefits for humans. For example, it may help regulate inflammation in the nervous system and slow the progression of neurodegenerative diseases.



Some of the most well-known health benefits of resveratrol include:

Antioxidant Support:

Numerous studies have looked at the effects of resveratrol's antioxidant properties. Resveratrol has been shown to help the body scavenge free radicals (atoms that can damage cells) and relieve and prevent oxidative stress. Basically, it helps improve health at a cellular level.



Reduces Inflammation:

When it comes to inflammation, resveratrol supports your body in two ways. First, it helps prevent the production of inflammatory substances. Second, it supports a healthy inflammatory response which is essential for the health of vital organs and body systems.

Cardiovascular Health:

Oxidative stress in the body can negatively impact cardiovascular health (the proper function of the heart and blood vessels). As mentioned above, resveratrol has been shown to support healthy inflammation and reduce oxidative stress, the main reason it's often discussed for its effects on heart health. It supports key processes in the body that are directly related to maintaining the proper function of the heart and blood vessels.



Liver Function:

The liver performs important functions in the body, including filtering the blood and breaking down harmful substances. Resveratrol has been shown to help protect the liver from unhealthy toxins, thereby promoting liver health.

Aging Brain:

Some studies suggest that resveratrol may support healthy aging of the brain.

Longevity Protein **REVITALIZES** Cells

- ✓ Rejuvenate Body Cells
- ✓ Alleviate The Aging Phenomenon Of Human Body
- ✓ Avoid Diseases

