



# MAXGXL™

## UNIQUE NAC FORMULA

### Purpose

MaxGXL™ is an exclusive NAC formula designed to promote an increase in the natural production of glutathione.

### General Description

Glutathione is an antioxidant that is produced and found in every cell of our body. It is the body's master antioxidant and chief cell protector against free radicals and oxidative stress. Among the critical roles it fills, glutathione protects us from harmful toxins in the environment by acting as one of the body's primary detoxifiers. To learn more about the essential role glutathione plays in our lives, see the Glutathione Fact Sheet.

So how do we help our body get the glutathione it needs? Eating enough glutathione enhancing foods only works in an idealized world where stress, deadlines, and fast food are not factors. Orally supplementing glutathione is a good idea, but just not practical. The fragile structure of glutathione makes surviving the digestive tract nearly impossible.

However, MaxGXL contains a proprietary NAC formula that is designed specifically to provide one of the fundamental building blocks to produce optimal amounts of glutathione. It not only contains this specific building block of glutathione, but also key nutrients that aid in absorption of these building blocks.

### Product Benefits

- Exclusive formula to promote the production of glutathione.\*
- Provides essential nutrients that enable absorption of the critical glutathione forming components.\*
- Designed to support the neutralization of many types of free radicals.\*

### Ingredients

**N-Acetyl Cysteine (NAC)** - supports the transport of a very fragile amino acid, L-cysteine, through the digestive process making it more bio-available for glutathione production.

**Cysteine** - known as the "rate limiting amino acid" for the production of glutathione, is one of the core ingredients in MaxGXL. MaxGXL also includes L-Glutamine, another glutathione amino acid precursor that works with Cysteine.

**Cordyceps sinensis** - has been used as a Chinese medicine for centuries and has been studied for its activity in restoring energy, increasing stamina, promoting longevity, and improving quality of life.

**N-Acetyl-D-Glucosamine** - supports the gastrointestinal absorption of amino acids.

**Glutamine** - L-Glutamine is one of the three amino acid precursors that makes up the tripeptide glutathione.



**Milk Thistle Seed Extract** (silybum marianum) – a powerful antioxidant used to support a healthy liver by removing harmful toxins and heavy metals that are stored in the liver.

In addition, other network antioxidants such as vitamin C and alpha lipoic acid, as well as a dietary flavonoid, quercetin, have been added to provide complementary antioxidant support.

### Related Scientific Studies

Improved oxidative status in major abdominal surgery patients after N-Acetyl Cysteine supplementation. Kuyumcu A, Akyol A, Buyuktuncer Z, Ozmen MM, Besler HT. *Nutr J.* 2015 Jan 6;14(1):4. doi: 10.1186/1475-2891-14-4.

N-acetylcysteine and intestinal health: a focus on its mechanism of action. Hou Y, Wang L, Yi D, Wu G. *Front Biosci (Landmark Ed).* 2015 Jan 1;20:872-91.

Comparative evaluation of N-Acetyl Cysteine and N-acetylcysteineamide in acetaminophen-induced hepatotoxicity in human hepatoma HepaRG cells. Tobwala S, Khayyat A, Fan W, Ercal N. *Exp Biol Med (Maywood).* 2015 Feb;240(2):261-72. doi: 10.1177/1535370214549520. Epub 2014 Sep 21.

N-Acetyl Cysteine – a safe antidote for cysteine/glutathione deficiency. Atkuri KR, Mantovani JJ, Herzenberg LA and Herzenberg LA. *Current Opinion in Pharmacology.* 2007;7:1-5.

N-Acetyl Cysteine replenishes glutathione in HIV infection. De Rosa SC, Zaretsky MD, Dubs JG, Roederer M, Anderson M, Green A, Mitra D, Watanabe N, Nakamura H, Tjioe I, Deresinski SC, Moore WA, Ela SW, Parks D, Herzenberg LA and Herzenberg LA. *European Journal of Clinical Investigation.* 2000;30:915-929.

The effect of oral N-Acetyl Cysteine on lung glutathione levels in idiopathic pulmonary fibrosis. Meyer A, Buhl R, Magnussen H. *Eur Respir J.* 1994;7:431-436.

N-Acetyl Cysteine enhances muscle cysteine and glutathione availability and attenuates fatigue during prolonged exercise in endurance-trained individuals. Medved I, Brown MJ, Bjorksten AR, Murphy KT, Petersen AC, Sostaric S, Gong X, McKenna MJ. *Journal of Applied Physiology* 2004;94:4:1477-41485.

\*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.

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## Suggested Use

Take three MaxGXL capsules twice daily with water.  
Store in a cool, dry place not to exceed 30° C (86° F).

## Guarantee

This product has been manufactured in the USA in strict conformance with industry standards. Purity and potency guaranteed.

## Caution

Keep out of the reach of children. This product is for adult use only. It is not intended for use by children, pregnant women, or nursing mothers. This product contains ingredients derived from shellfish.

## Supplement Facts

Serving Size: 3 Capsules  
Servings per container: 60

	Amount Per Serving	% DV
<b>Vitamin C</b> (as calcium ascorbate USP)	<b>250 mg</b>	<b>417%</b>
<b>L Glutamine</b>	<b>750 mg</b>	†
<b>N-Acetyl Cysteine</b> (NAC)	<b>375 mg</b>	†
<b>Alpha Lipoic Acid</b>	<b>75 mg</b>	†
<b>Proprietary Blend</b>	<b>488 mg</b>	†
Cordyceps, N-Acetyl D-Glucosamine, Quercetin, Milk Thistle Extract (Silybum Marianum).		

† Daily Value Not Established

**Other Ingredients:** Vegetable Capsules.

Gluten Free • Melamine Free

### Allergy Warning

This product contains shellfish.



**Banned Substance Control Group Certified**  
MaxGXL has received the highly coveted Banned Substance Control Group certification proving that MaxGXL contains no trace of harmful anabolic agents or stimulants. Under the direction of anti-doping expert Don Catlin, M.D., professionals with years of experience use cutting-edge technology and vigorous testing methodology to test every submitted product. BSCG certification affirms this product is safe for elite and professional athletes everywhere.

## FAQs

### What makes MaxGXL Unique?

MaxGXL uses the highest quality ingredients from proprietary sources. The careful selection of each raw material and the unsurpassed analysis and production of the MaxGXL formula are highly guarded trade secrets owned exclusively by Max International.

### How does MaxGXL increase glutathione?

MaxGXL helps to provide an essential building block for glutathione to support the natural production of glutathione.\*

### What are free radicals and why are they dangerous?

Free radicals are highly reactive compounds that are created in our body due to a number of different causes such as diet, exercise, pollutants in the air or in our food, physical stress, and more. Free radicals are neutralized by antioxidants, with glutathione being the most important and powerful antioxidant. When the number of free radicals exceeds the ability of antioxidants to neutralize them, your body enters a state referred to as "oxidative stress".

### How is MaxGXL different from MaxOne™ and Cellgevity™?

MaxGXL uses a unique NAC-based formula to support glutathione levels. MaxOne and Cellgevity utilize Max International's proprietary RiboCeine™ formulation that Dr. Herbert Nagasawa developed based on 25 years of research. While both products are designed for effective glutathione supplementation, their unique means may produce different results for different people.\*

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