

Anything less... just isn't the best

The Cosamin® product was developed by a pharmacist and in 1992 was the first glucosamine and chondroitin sulfate combination brand on the market. Cosamin is the premium joint health supplement that has been recommended by doctors for over 15 years. Cosamin has been shown effective in peer-reviewed, controlled, published U.S. research, and consistently meets label claim. Additionally, Cosamin still contains the clinical strength of active ingredients that other brands may not have. Cosamin is a proven brand that you can trust.



Supported by U.S. published research	✓	?
Shown to meet label claim	✓	?
Manufactured in the U.S. following standards practiced by the pharmaceutical industry	✓	?
Contains TRH122®* sodium chondroitin sulfate and FCHG49®* glucosamine	✓	—
Allows reduction in the number of easily swallowed capsules taken over time	✓	—

*Cosamin contains FCHG49® Glucosamine and TRH122® Sodium Chondroitin Sulfate, Nutramax Laboratories exclusive proprietary researched specifications.

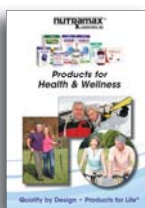
QUALITY BY DESIGN PRODUCTS FOR LIFE®

Nutramax Laboratories, Inc. Mission Statement

To serve the Lord and glorify Him using the gifts He has given our employees to research, develop, manufacture, and market products that improve the quality of life for people and their pets.



For more information visit Cosamin.com or call customer service at **1-877-COSAMIN (1-877-267-2646)**.



Catalog of products available on request.

For special offers and coupons visit NutramaxOffers.com

▲ Source: SLACK Incorporated Market Research April 2009. Surveys conducted of orthopedic specialists relating to glucosamine/chondroitin sulfate brands.

† Cosamin® ASU contains FCHG49® Glucosamine and TRH122® Sodium Chondroitin Sulfate, and NMX1000® Avocado/Soybean Unsaponifiables, Nutramax Laboratories® exclusive proprietary researched specifications.

U.S. Patent Nos. 6,797,289 and 5,587,363. Additional Patent Pending.

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Contents Tested & Certified
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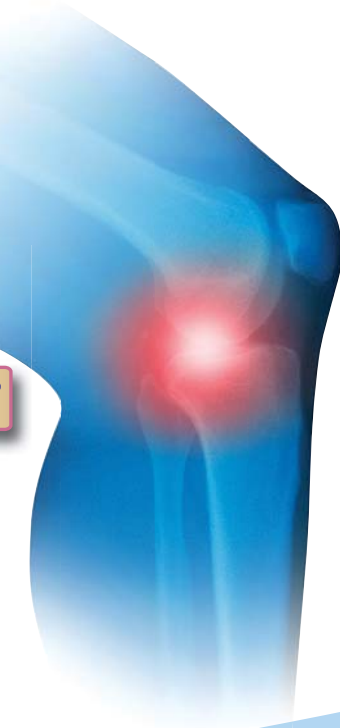
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Maximum Strength
Cosamin® ASU
JOINT HEALTH SUPPLEMENT

ADVANCED FORMULA



These statements have not been evaluated by the Food & Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

FCHG49® Glucosamine
TRH122® Chondroitin Sulfate
NMX1000® ASU

What is Cosamin® ASU?

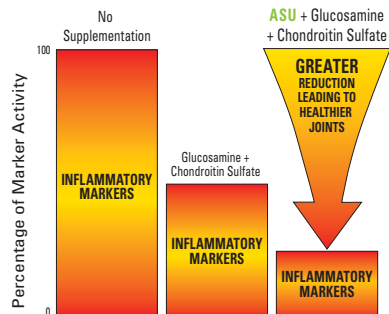
Brought to you by the makers of Cosamin DS, Cosamin ASU, a joint health supplement, contains NMX1000®† avocado/soybean unsaponifiables (ASU), FCHG49®† glucosamine, TRH122®† chondroitin sulfate and decaffeinated green tea extract. It is the most complete and comprehensive joint support formula available. Cosamin ASU is the #1 brand recommended by Orthopedic Specialists.▲

What is ASU?

ASU stands for avocado/soybean unsaponifiables, obtained from avocados and soybeans and used for joint health. ASU works with the glucosamine and chondroitin sulfate in Cosamin® ASU. Published studies have shown ASU to be synergistic with the glucosamine; synergy means that the compounds together produce a greater than additive effect. Cartilage cell studies have also shown that ASU reduces the expression of joint markers.* Joint markers are associated with joint discomfort and cartilage breakdown. While glucosamine and chondroitin sulfate also do this, the combination of glucosamine and chondroitin sulfate plus ASU has been shown in cell research to work even better.

Cosamin ASU also contains decaffeinated green tea extract for antioxidant health benefit effects. These effects have a positive impact on cartilage as well as on overall body defenses.

ASU + glucosamine + chondroitin sulfate works better than glucosamine + chondroitin sulfate.



*In laboratory cell culture studies of inflammatory markers associated with joint discomfort and cartilage breakdown, it was found that the combination of ASU (avocado/soybean unsaponifiables) + glucosamine + chondroitin sulfate was **BETTER** than the combination of glucosamine + chondroitin sulfate in reducing these markers.

Why does cartilage break down?

There are many factors that lead to cartilage break down:

- Age
- Inactivity
- Excess Weight
- Over Activity
- Injury
- Genetics

Cartilage lacks a direct blood supply. It relies on nutrients found in the joint fluid to nourish cartilage cells and maintain its structure. When this process is affected by one or more of the factors mentioned above, cartilage can break down to the point where it can no longer provide sufficient protection, resulting in joint discomfort.



How do glucosamine and chondroitin sulfate work together?

The combination of the trademarked FCHG49® glucosamine and TRH122® chondroitin sulfate supports cartilage production and inhibits enzymes in the joints that break down cartilage. Clinical research has demonstrated that glucosamine and chondroitin sulfate can help reduce joint pain. In addition, these ingredients together have been shown in laboratory studies to protect joint cartilage better than either ingredients alone. A greater than additive effect, known as a "synergistic" effect, on cartilage cells was seen using glucosamine and chondroitin sulfate together.

Clinical and laboratory research has demonstrated that the ingredients in Cosamin® ASU can help reduce joint pain and slow cartilage breakdown.

What should I look for when taking Cosamin ASU?

Individual improvement on Cosamin ASU can range from gradual to dramatic, with some individuals responding sooner than others. Cosamin ASU is a supplement providing key components to maintain your joint health; therefore, it works gradually. Give yourself time to respond. Look for subtle changes initially, such as an easier time going up and down stairs, playing sports, and more comfort in daily activities, such as walking or any activity using your hands, knees, hips or back.

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