



**CK NUTRACEUTICALS**  
SCIENCE-BASED INGREDIENTS



# GreenGrown® Glucosamine

*Premium, Vegetable-Source Glucosamine*

GreenGrown® Glucosamine, derived from a non-GMO corn variety, provides effective relief from osteoarthritis.



## JOINT CARE

Glucosamine slows the progression of osteoarthritis and can even correct structural abnormalities associated with osteoarthritis.



## VEGAN-FRIENDLY

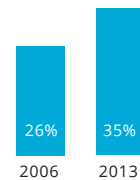
Patented test method ensures GreenGrown® Glucosamine is 100% pure vegetable source.



## PROVEN SAFETY

Clinical studies prove Glucosamine's safety in both short-term and long-term use.

"Yes, vegetarian sourced supplements are important to me."



Source: Natural Marketing Institute

**7.48%  
CAGR**

Global Plant-Based Supplement Market, 2017 to 2025

Source: Fortune Business Insights



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# GreenGrown® Glucosamine

Premium, Vegetable-Source Glucosamine

Glucosamine plays a vital role in building joint cartilage, and relieves pain associated with osteoarthritis.

Glucosamine has shown chondroprotective activity: both slowing the progression of, and even correcting some structural abnormalities associated with osteoarthritis.

Typically, glucosamine is a byproduct of the shrimp industry, which raises ethical, environmental and allergy concerns. GreenGrown® Glucosamine, however, is derived from a non-GMO corn variety.

Patented testing ensures that GreenGrown® Glucosamine is 100% pure vegetable source. It is designated Vegan, Kosher Certified, Certified Non-GMO, and free from allergens.



## KEY HIGHLIGHTS

### NPN CLAIMS

- GreenGrown® HCl:
  - Helps to maintain healthy cartilage/joint health.
- GreenGrown® KCl:
  - Helps to relieve joint pain associated with osteoarthritis (of the knee).
  - Helps to protect against the deterioration of cartilage.
  - A factor in maintaining healthy cartilage and/or joint health.

**Please contact us for a complete list of claims.**

### CLINICAL RESEARCH PUBLISHED

- Effects of glucosamine in patients with osteoarthritis of the knee: a systematic review and meta-analysis. Ogata, T., Ideno, Y., Akai, M. et al. Clin Rheumatol (2018) 37: 2479. <https://doi.org/10.1007/s10067-018-4106-2>.
- Role of glucosamine in the treatment for osteoarthritis. Reginster, J., Neuprez, A., et al. Rheumatol Int (2012) 32:2959-2967 DOI 10.1007/s00296-012-2416-2.
- Crystalline glucosamine sulfate in the management of knee osteoarthritis: efficacy, safety, and pharmacokinetic properties. Rovati, L., Girolami, F., Persiani, S. Ther Adv Musculoskel Dis (2012) 4(3) 167-180 DOI: 10.1177/1759720X12437753
- **Please contact us for a complete list of research references and scientific manuscripts.**

### VARIATIONS

- GreenGrown® Glucosamine KCl
- GreenGrown® Glucosamine HCl

### DELIVERY FORM

- Powder

### CLINICAL DOSAGE

- 1500 mg per day

### APPLICATIONS

- Capsules, Tablets, Powders

### CERTIFICATIONS

- Vegan
- Certified Non-GMO
- Kosher Certified
- Allergy Free
- Certified Quality Assurance
- ETO-Free
- Non-Irradiated

### ORIGIN

- China

### DEVELOPER

- Ethical Naturals

