

AstraGin®



Nutrient Absorption & Gut Health

AstraGin® is a patented, plant-based compound that provides full-spectrum gut support through enhanced absorption, microbiota support, and fostering a healthy intestinal wall environment.*

The Formulation for Better Health & Wellness

AstraGin® is comprised of highly fractionated *Panax notoginseng* (root) and *Astragalus membranaceus* (root) extracts produced by a proprietary pharmaceutical extraction technology. Our research has displayed potential benefits including:

- ✓ Enhanced nutrient absorption demonstrated through preclinical *in-vitro* & *in-vivo* studies*
- ✓ Supports a healthy intestinal wall environment at the cellular level demonstrated through preclinical and human studies*
- ✓ Helps maintain healthy intestinal flora demonstrated through a human clinical study*

Recommended Dosage: 50mg
100mg for gut health targeted products



GRAS-AFFIRMED



INGREDIENT

INFORMED INGREDIENT CERTIFIED



NOVEL FOOD STATUS



NPN CANADA



MULTIPLE PATENTS



100% PLANT-BASED

Product Applications & Delivery Systems

AstraGin® can be used in many products, but would be most useful in following formulas:

GUT HEALTH

Probiotics, Prebiotics, and Digestive Enzymes



NUTRACEUTICALS

Vitamins and Minerals, Herbal Supplements, Immune Support, CBD Products, and more



SPORTS NUTRITION

Protein and BCAA formulas, Pre-Workout, Recovery, and Intra Workout Formulas



FUNCTIONAL FOOD & BEVERAGES

RTDs, Powdered Drink Mixes, Protein Bars, Gummies, and Gels



ANIMAL PRODUCTS

Pet & Livestock Nutritional Foods and Supplements



PATENTS

US8197860 B2, US 13/444765, US 13/444770, US 12/424193 US 12/345218
CN 200610090113.0, CN 200610090114.5, CN 200910178493.7, CN 200910178492.2, TW I271195, TW I317280

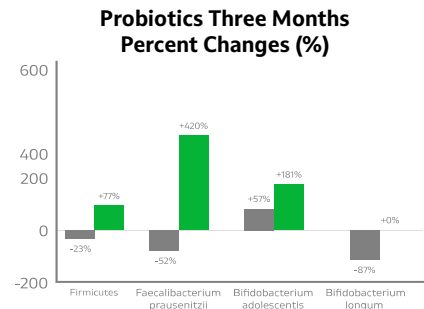
Clinical Findings

AstraGin® is clinically validated in 3 human clinical, 16 *in-vitro*, and 8 *in-vivo* studies published in:

- [Journal of Agricultural and Food Chemistry](#)
- [Molecular Nutrition & Food Research](#)
- [Scientific Reports](#)
- [Journal of Biochemistry and Biotechnology](#)
- [FFHD \(Functional Foods in Health and Disease\)](#)

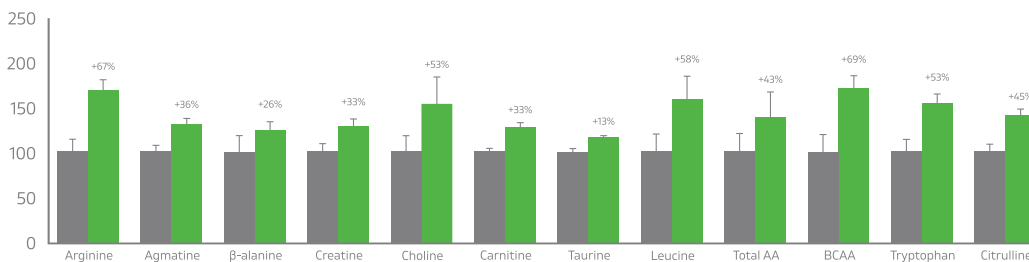
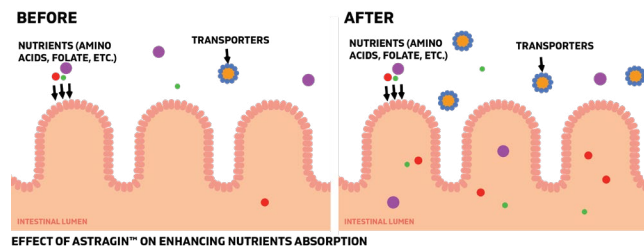
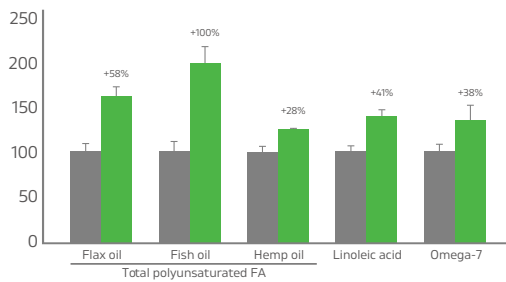
Request study references at www.nulivscience.com/ingredients/astragin

Microbiota population support, indicated by increased biomass of beneficial bacteria in human study participants.



Enhanced nutrient absorption, demonstrated through preclinical *in-vitro* studies, indicated by increased uptake through absorption sites in the intestinal lumen by up-regulating the expression level of specific mRNA and transport proteins, such as SGLT1 and CAT1.

Absorption of Fatty Acids (%)



Legend

- Control
- AstraGin®

*These statements may not comply with your country's laws and regulations or with Reg. EC n. 1924/2006 and have not been evaluated by the Food and Drug Administration. The products are not intended to diagnose, treat, cure, or prevent any disease. Marketers of finished products containing this ingredient are responsible for ensuring compliance with the applicable legal framework.