

AstraGin®

Amplified Nutrient Absorption & Gut Health

AstraGin® is ideal for people in all walks of life. Whether you're a weekend warrior hiking your favorite trail, an athlete looking to get more out of your supplements, or a busy professional looking to achieve better health through better absorption, go with AstraGin®.

A FULL SPECTRUM GUT HEALTH NUTRACEUTICAL

AstraGin® supports increased absorption of many vital nutrients resulting in a healthy gut environment.

AstraGin® is a US patented 100% natural compound composed of two highly purified extracts from *Astragalus membranaceus* and *Panax notoginseng* produced by a NuLiv Science pharmaceutical-grade extraction and processing technology.



**INFORMED SPORT
CERTIFIED**



GRAS-AFFIRMED



**NOVEL FOOD
STATUS**



**MULTIPLE
PATENTS**



**GUT BARRIER
INTEGRITY**



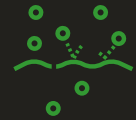
NATURAL

Discover the Innovation of Consumer Nutrition

AstraGin® can be used in most products, but it's most useful in formulas containing:

POORLY ABSORBED NUTRIENTS

Such as curcumin and plant-based proteins



SPORTS NUTRITION

Popular in many amino-based products such as pre-workouts, BCAAs, and proteins



GUT HEALTH

Probiotics and other products that focus on GI health



CANNABIS

A study commissioned by a large publicly traded cannabis company demonstrated increased uptake



VITAMINS & MINERALS

Omega-3, Folate, Glucosamine, and more



RTD BEVERAGES

Coffee, energy drinks, teas, and more



The Formulation for Better Health & Wellness

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

- [Journal of Agricultural and Food Chemistry](#)
- [Molecular Nutrition & Food Research](#)
- [Scientific Reports](#)

Clinical Findings

AstraGin® is proven to elevate product performance in the human body from enhanced absorption, protein synthesis, lumen renewal, immune functions, and more.

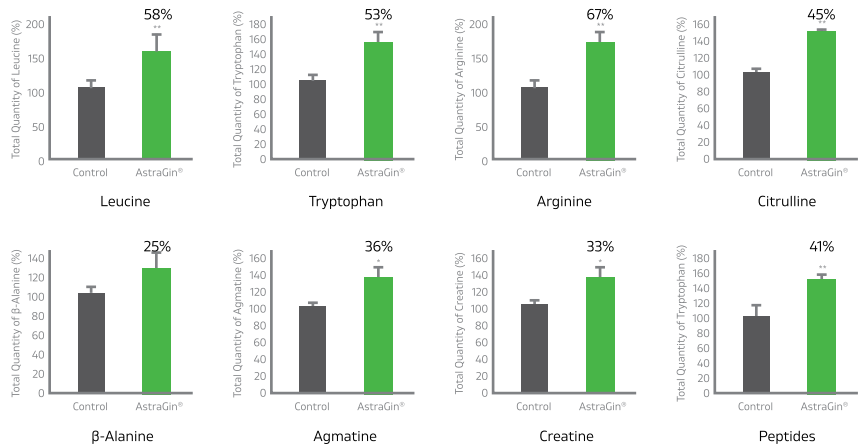
View all study references at www.nulivscience.com/ingredients/astragin

*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.

Legend

■ Control ■ AstraGin®

Enhanced absorption, indicated by increased uptake through special absorption sites on the intestinal lumen by up-regulating the expression level of specific mRNA and transport proteins, such as SGLT1 and CAT1.



Improved gut health and immune functions, indicated by reducing intestinal mucosa inflammation & permeability as well as mending ulcerated epithelial cells and reduce inflammation in lamina propria that host many immune cells, such as gut-associated lymphoid tissue (GALT), T cells, plasma cells, mast cells, dendritic cells, and macrophages.

