

OUR GLOBAL FOOTPRINT



China

Shanghai (HQ)
Qidong

Nantong
Jiangyin

Xuzhou
Taian

USA

Missoula, MT

Upper Saddle
River, NJ

Ames, IA

Europe

Manchester, UK

Oslo, NO

Stockholm, SE

Australia

Brisbane

Japan

Tokyo

Malaysia

Perak

Healthy Begins Here



customersupport@tsigroupltd.com
www.tsigroupltd.com



YOUR PRODUCT INNOVATION PARTNER

TSI Group works together with one goal in mind - to create value for our brand partners and their customers. At TSI, we have teams of researchers, scientists, regulatory specialists, and product development experts - each working in tandem to help create solutions for improving health.

"Since TSI Group was founded, we've been driven first and foremost to be future-focused for the health of all consumers worldwide. Discovery and innovation drive every division"
Larry Kolb, Cofounder and President of the innovative ingredients product line at TSI Group



TSI GROUP BY THE NUMBERS

600+

employees across 8 countries

86+

patents worldwide and climbing

28+

years in global nutrition and the health industry

10

global offices

6

manufacturing facilities with the highest quality controls

DISCOVERING

INNOVATIVE INGREDIENTS

Behind every one of our best-in-class ingredients is an abundance of scientific evidence that has been carefully researched by the world's most forward-thinking experts in consumer health.

ENGINEERING

INGREDIENT SOLUTIONS

We are more than a global ingredient company. We solve tough formulation problems for better consumer brand loyalty and greater compliance.

DELIVERING

PRODUCT SOLUTIONS

We pay close attention to your customer's needs for turn-key solutions, including customized formulations, made-to-measure supply solutions and finished-goods packaging.



DISCOVERING

INNOVATIVE INGREDIENTS

We make it our mission to collaborate with our brand partners to introduce innovative ingredients to markets and improve access to clinically proven nutritional products and solutions for everyone.

TSI Group is a leading provider of proven products for healthy aging, muscle health, body composition, and cellular energy support. We provide:

- Well researched ingredients that are backed by the world's leading scientists
- Specialized ingredients that go the extra mile in quality and standards
- Ingredients targeted for specific consumer benefits
- Novel delivery systems to solve for pill-fatigue
- Turn-key solutions that speed up product launches and reformulations



What is myHMB®?

Scientifically known as HMB or beta-hydroxy beta-methylbutyrate – myHMB® is one of the most efficient nutritional aids for maintaining muscle mass. HMB is produced naturally in our bodies during the metabolism of the essential amino acid leucine. While many of HMB's beneficial effects are shared with leucine, HMB offers more potent muscle retention and recovery benefits because of the additional effect it has on decreasing protein breakdown.

How myHMB® Works?

While many ingredients simply work to increase muscle protein synthesis, HMB is unique in its dual mechanisms of simultaneously increasing muscle protein synthesis while also reducing muscle protein breakdown.

myHMB® is clinically proven to:

- Boost protein synthesis
- Reduce protein breakdown
- Improve strength gains
- Maintain muscle mass
- Improve body composition
- Improve recovery
- Reduce exercise-induced muscle damage
- Increase endurance
- Improve anabolic effects of plant-based protein

myHMB® product categories:



Active Lifestyles



Clinical Nutrition



Healthy Aging



Performance Driven



Weight Management

www.myhmb.com



Protect Your Joints and the Planet

What is GlucosaGreen®?

GlucosaGreen® is the world's first commercially available glucosamine produced by a revolutionary, direct-fermentation, process technology.

GlucosaGreen® sets the new standard in sustainable joint care, boasting a **70% reduction in carbon footprint** compared to traditional shellfish-derived options and over **90% fewer waste by-products**.



Advantages of GlucosaGreen®

Plant-based and certified vegan ingredients

Provide full supply chain transparency & traceability

Certified Non-GMO ingredients

Certified sustainability reducing carbon footprint, and taking corporate social responsibility

Shellfish-free and allergen free

A clean and efficient production process

Safety and toxicity tested and verified, facility cGMP compliant

Sustainable, stable supply from an abundant vegetable source

www.glucosagreen.com



Real Energy. Real ATP.

The body's natural energy currency

PEAK ATP® provides functional energy to fuel our muscles and power the body's movement. It helps consumers perform better and stay active, which improves health and wellbeing.

Let's break it down more...

Available exclusively from TSI Group, PEAK ATP® is a unique nutraceutical ingredient that's identical in structure to the ATP produced and used by the human body.

PEAK ATP® provides functional energy and potentiates the role of ATP in the body, particularly in combination with exercise - it provides explosive muscular power, performance, and reduced fatigue, ultimately allowing users to do more and achieve more, with less fatigue.

How does PEAK ATP® work?

Instead of supplementing with an ATP precursor, forcing the body to expend more energy to convert into actual ATP, PEAK ATP® provides real ATP directly to the body. In response to the increased physical demands of exercise, PEAK ATP® can...



Increase blood flow = improves oxygen & nutrient delivery to muscle



Release calcium = boosts muscle activation



Help boost muscle mass, strength and recovery

Dosing for PEAK ATP®

400 mg of PEAK ATP® ~ 30 to 60 minutes prior to exercise is recommended. On non-training days, consumers should take 400 mg ~ 20 to 30 minutes prior to breakfast.

PEAK ATP® is clinically proven to:

Boost power output

Reduce muscle fatigue

Improve cognitive performance

Increase total strength

Increase muscle mass

Improve blood flow

Improve reaction time

Activate muscles

Enhance focus & mental speed

Be effective immediately

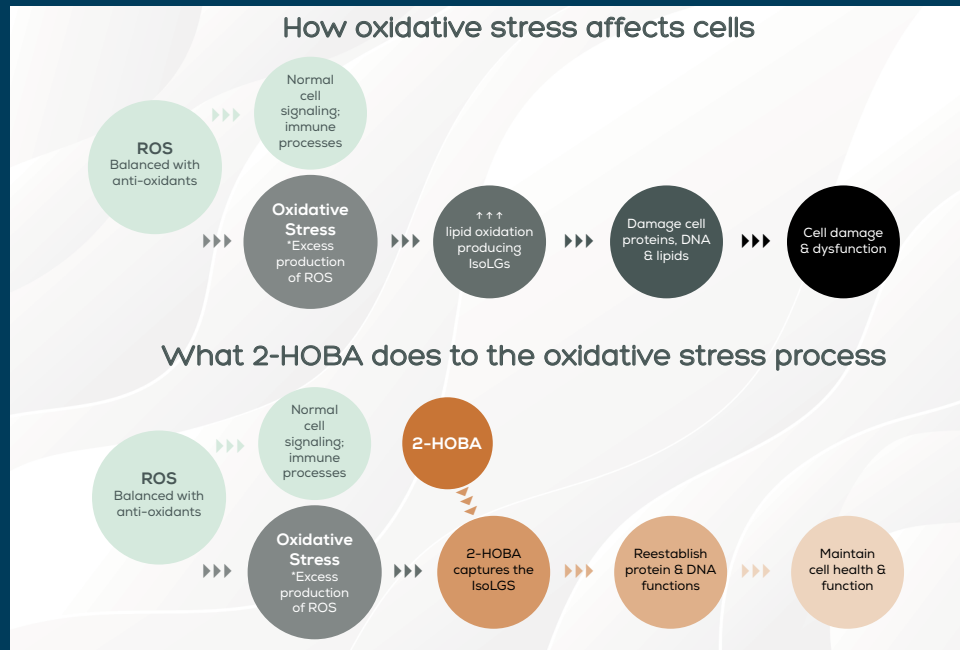
www.peakatp.com

hobamine®

A Radical Approach to Cellular Health

What is Hobamine®?

Hobamine® (2-HOBA) is a small molecule scavenger of IsoLGS. It acts instantaneously with a very high affinity to neutralize them before they have a chance to react with our DNA, proteins and other delicate cellular components. It is the only nutritional intervention known to date that specifically targets the negative impact of oxidative stress, but not the body's normal, healthy processes.



Biomarker Study Shows 2-HOBA May Support Healthy Immune Function

An NIH-funded study found that 2-HOBA supplementation affected the levels of 15 inflammatory biomarkers in healthy individuals, supporting the potential for 2-HOBA to benefit immune cells and promote a healthy balance of the immune system.



An astonishing 93% of American adults consume caffeine.

When caffeine is ingested, it's converted into three metabolites: theophylline, theobromine, and paraxanthine. Of these three metabolites, approximately 80% is converted into paraxanthine.

enfinity® is pure paraxanthine. Paraxanthine is a downstream metabolite of caffeine.

enfinity® is unique because it is the most experiential, least toxic metabolite of caffeine and the safest for most of the population.

enfinity® Benefits:



Clean Stimulation



Consistent Effects



Enhanced Mood



Neuro-Protective



Cognition & Productivity



Improved Blood Flow



Weight Management



Better For You

Dosing & Formulations

Consumers can take 1-2 servings per day of 100-300mg per serving with a max of 400mg per day. enfinity® replaces caffeine in all common energy, workout, weight management, & nootropic supplements.

*should be taken as a replacement to caffeine and cannot be used with any other stimulants



Scan and watch the video



ENGINEERING

INGREDIENT SOLUTIONS



Better Input.
Better Results.

Density, particle size and shape, absorption, melting point, solubility. Every supplement ingredient has its own unique combination of these physical properties. We're not just an ingredient supplier but a solution provider that's solving everyday challenges. We can help you bridge the gap between raw ingredients and finished-dosed products by improving compressibility, flowability, solubility and stability.

What Are You Compromising On?

Flexibility

Process Flow

Output Quality

Production Time

We Can Help Optimize...

Ingredients

minerals

vitamins

amino acids

excipients

premix

many others

Delivery Formats

tablets

capsules

powder

effervescent

Ingredient Properties

compressibility

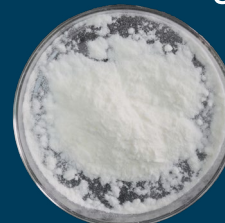
flowability

density

solubility

stability

SAMe



before



after

Plant Extract



before



after

Q10



before



after

GPC



before



after



DELIVERING

PRODUCT SOLUTIONS

The Future of Contract Manufacturing

TSI is not just a typical contract manufacturer, but an innovator in delivering high-quality nutrients to the world. Our commitment to delivering the future of contract manufacturing is reflected in our innovative delivery forms such as our FZZR™ Technology and STRW™, which take us to the next level in empowering brands with precision supplement offerings. Partner with us to experience the future of contract manufacturing and unlock the potential of your brand.

The Services We Provide...

- Global Supply Chain
- Regulatory Expertise
- Transparent Sourcing
- Unique Product Formats
- Flexible Business Model
- Turnkey Solutions



Scan and watch the video

What is FZZR™ Technology?

FZZR™ represents a new family of delivery forms, combining science-based innovation with consumer preferences to set a new standard for supplement delivery. FZZR™ is meticulously crafted to offer elevated concentrations of active ingredients. With its innovative design, FZZR™ can accommodate multiple health functions within a single sachet, enabling complex formulations that address various health concerns or deliver synergistic benefits. Notably, FZZR™ boasts a unique feature: the ability to keep active ingredients separate until they are dissolved and/or consumed, ensuring optimal efficacy and potency.

Whether you prefer to drink, buzz, or chew, our FZZR™ technology can be enjoyed as a drink mix or taken orally, providing consumers with a delightful buzzing sensation for enhanced convenience and engagement.

FZZR™ Benefits

- Drink, Buzz, or Chew!™
- No mess, no shake
- Goodbye multiple pills
- Enjoyable fizzy taste
- Gentle on the stomach
- Better bioavailability
- On-the-go convenience
- Keep incompatible actives separate in a single serving





Seize Life
Through Sips

Introducing STRW™ –
A simple, innovative, and
refreshing way for everyone
to get the high-quality
supplements they need for a
higher quality of life.

Say goodbye to boring
supplement pills and hello
to STRW™ – the fun and
convenient way to get your
daily dose of vitamins and
minerals!

STRW™ is a straw with a
difference as it contains
two filters on each end and
nutritional beads stored in
the center, so you can sip and
dissolve your supplement
content at the same time.



What Makes STRW™ Unique?



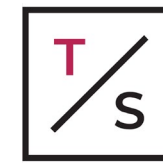
Optimal Absorption
to Maximize Benefits



Convenient with No
More Pills or Powders



Fun for ALL Ages - A Playful
Way to Consume Nutrients



TAILORED SCRIPT®

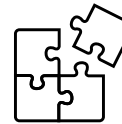
Nutritional Supplement Tailored For Every Individual

At TSI Group, we've pioneered a groundbreaking
technology that enables unparalleled
customization. This innovative process
produces what we refer to as MiniDoses,
crafting tiny <3mm granules.

With an expanding selection of over 130
vitamins, minerals, and botanicals, MiniDoses
offer endless combinations to address
individual nutritional requirements tailored to
your personalized formulation process.



Why use Tailored Script®?



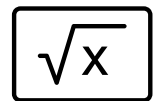
Custom Formulation

Combining
MiniDoses instead
of standard pills
or capsule packs
allows for truly
personalized pods.



Individually Tailored

The Tailored
Script® creates the
precise number of
MiniDoses tailored
to each individual's
unique formula.



N of 1

Create custom
formulations that
can be based on
blood testing,
genetics, health
goals and more.



www.tailoredscript.com