



Solutions Portfolio

See what's possible.
Just add Glanbia.





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Relentlessly advancing the art and science of nutrition.

At Glanbia Nutritionals, we create ingredient solutions for the food, beverage, supplement and animal nutrition industries.

But of all that we offer, our tenacity is what sets us apart. It's why we stick with a challenge no matter what—inventing solutions that help brands stand out and innovating with customers to make products people love. It's how we untangle the complex science of ingredient systems, so our solutions work together to optimise flavour, functionality and nutrition. It's what turns our supply chains into product safety nets, where risks to quality are constantly rooted out.

And it's how we inspire customers to keep bringing better nutrition to people everywhere. We're Glanbia Nutritionals. We relentlessly push beyond our limits so you can push beyond yours.

See what's possible. Just add Glanbia.

Bioactives

Our range of bioactives are precisely formulated to improve cell, organ and overall body function. We constantly collaborate with new partners to keep our place at the forefront of the category. From muscle growth, to weight management, to heart health and more, our industry-leading bioactives will help your products, and your consumers, perform at their best.



DAIRY BIOACTIVES

Bioferrin® Lactoferrin

Bovine lactoferrin - a natural, biologically active milk protein isolated from fresh sweet whey using fractionation separation technologies. Provides a gentle, more bioavailable and safe delivery of iron to the body.

Infant formula, functional food and beverages, dietary supplements, cosmetics

Hydrovon™

A premium, instantised partially hydrolysed whey protein isolate. Hydrovon has a low degree of hydrolysis to deliver an excellent flavour profile.

Ready-to-mix powders

PepForm® Peptides

PepForm® is a revolutionary patent-pending peptide carrier technology designed to improve the solubility and functionality of amino acids.

Ready-to-mix powders, ready-to-drink beverages and shots, tablets, capsules, bars

TruCal® Milk Mineral Complex

Natural milk minerals for optimal bone health.

Ready-to-mix powders and ready-to-drink beverages, yoghurts, bars, processed cheese, bakery, cereals, snacks, capsules, tablets

NON-DAIRY BIOACTIVES

AminoBlast®

Instantised and functionally optimized BCAAs and EAAs designed for cold water dispersibility and easy inclusion into ready-to-mix and ready-to-drink applications.

Ready-to-mix powders, ready-to-drink beverages

CreaBev™

A soluble and stable creatine monohydrate for superior performance beverages. Shown to provide improved short term and long term stability. Excellent solution for ready-to-drink beverages and powder drink mixes.

Ready-to-mix powders, ready-to-drink beverages

GlyceroMax®

The industry's first stable, highly concentrated form of powdered glycerol (65%) that offers a unique combination of greater potency and function, allowing for a larger dose of active glycerol to fit into a smaller volume.

Ready-to-mix powders, tablets, capsules, softgels



Micronutrient Straights

We offer a wide range of the essential building blocks necessary for supporting growth and development and sustaining overall health and wellness. Our complete lines of vitamins, minerals and amino acids provide a wide spectrum of health benefits and are ideally suited for many different applications. Sourced from proven domestic and overseas manufacturing partners, all are carefully screened and quality assured.



Fe

Ca

K

Exc

Amino Acids

Essential (BCAAs - valine, isoleucine & leucine, lysine, methionine, phenylalanine, threonine, tryptophan) and nonessential (arginine, glutamine, tyrosine, cysteine, glycine, proline, serine and ornithine) amino acids.

Tablets, capsules, soft gels, ready-to-mix powders, ready-to-drink beverages, foods

Minerals

Essential minerals to support a healthy well being, consisting of both microminerals (zinc, selenium, chromium, copper, iron) and macrominerals (calcium, magnesium).

Tablets, capsules, soft gels, ready-to-mix powders, ready-to-drink beverages, foods

Vitamins (A, B Complex, C, D, E, K)

Essential vitamins for development, growth and maintenance.

Tablets, capsules, soft gels, ready-to-mix powders, ready-to-drink beverages, foods

Plant-Based Nutrition

As consumers look to expand their diet to include more plant-based foods, our portfolio of plant-based ingredients gives developers the tools they need to easily incorporate highly functional and nutritious proteins, grains and seeds into popular product formats. Our flax and chia solutions are minimally processed and many are heat treated to provide food safety assurance in ready-to-eat applications. Our oats ingredients are guaranteed gluten free through our OatSecure™ supply chain. Our plant-based ingredients deliver excellent nutrition, functionality and flavour to a variety of products.



BEV SOLUTIONS

BEV plant-based solutions provide great nutrition and improve the texture of beverage and creamy food applications due to their unique functionality. BEV solutions incorporate unique heat treatment processes to ensure our ingredients are the safest on the market. Our BEV plant-based ingredients deliver solutions for beverages, powdered drink mixes, plant-based milk, yogurt, ice cream and dressings without the grittiness found in standard plant-based options.

BevFlax™

BevFlax milled flax seed solutions combine excellent stability and a smooth mouthfeel with the exceptional nutritional value of protein, fiber, and ALA Omega-3. Our MeadowPure™ seed sorting and selection systems ensure our BevFlax ingredients have a guaranteed shelf life of two years.

Beverages, smoothies, fruit prep, mayonnaise, ready-to-mix powders

BevChia™

BevChia milled chia seed solutions are an excellent source of fiber, protein, calcium and ALA Omega-3 that are stable, nutritious and have greater texture, flavour and dispersibility. BevChia solutions provide excellent stability and mouthfeel, while also having a guaranteed two year shelf life.

Beverages, smoothies, ready-to-mix powders

BevOat™

Our gluten free super-finely milled oat flours, made from heat treated Irish Oats, grown under the OatSecure™ program, guarantees log 5 micro reduction, superior product stability and best gluten-free quality at maximal 10 ppm gluten. BevOat™ was designed for use in 100% plant-based ready-to-mix beverages with great dispersibility in cold water. BevOat™ Low Viscosity is an ideal ingredient for 100% plant-based ready-to-drink beverages. Both offer a silk-like mouthfeel, reduced sweetness and nice oaty flavor.

Beverages, smoothies, yoghurts, puddings, frozen desserts, fruit prep, ready-to-mix powders

SNACK SOLUTIONS

SNACK plant-based solutions are clean label, provide great nutrition and improve the texture of snack products. Our SNACK solutions also incorporate our MicroSure™ Plus heat treatment to ensure our ingredients are safe for ready-to-eat foods. Our SNACK plant-based ingredients provide excellent solutions for bars, granola, no-bake doughs, cereals as well as bulk food displays.

SnackChia™

SnackChia whole black chia seed solutions provide greater texture and are an excellent source of fiber, protein, calcium and vegetarian ALA Omega-3. SnackChia™ is minimally processed and free of chemicals, allergens and gluten - an excellent solution for bars and snacks.

Protein & granola bars, nut butters, no-bake doughs, snack bites, dry mixes

SnackFlax™

SnackFlax brown whole flax seed solutions provide excellent nutrition and texture with a balance of ALA Omega-3, fiber, protein and superior flavour. Our MeadowPure™ seed sorting and selection systems ensure SnackFlax ingredients have a guaranteed shelf life of two years.

Protein & granola bars, nut butters, no-bake doughs, snack bites, dry mixes

SnackFlax™ Protein

SnackFlax™ Protein is a high protein milled golden flaxmeal that undergoes our MeadowPure™ selection process, and is heat treated using our MicroSure™ Plus process. With 30% protein content, SnackFlax Protein offers another opportunity to incorporate plant-based protein into snack applications.

Protein & granola bars, nut butters, snack bites, biscuits, no-bake doughs, dry mixes

CUISINE SOLUTIONS

CUISINE plant-based solutions offer a minimally processed, gluten-free option to enhance texture and improve the nutritional value of bakery, meat alternatives and prepared foods. CUISINE plant-based ingredients also provide excellent binding qualities for egg and gum replacement.

CuisineFlax™

CuisineFlax solutions are milled flax seed options that replace guar, cellulose and xanthan gums, provide potential cost savings, retain great taste & texture, and guarantee a two year shelf life. CuisineFlax Binder improves binding, moisture retention, stability and texture. CuisineFlax Extender provides strong hydrocolloid properties & moisture management.

Baked bars, high protein cookies, gluten-free doughs, plant-based meat alternatives, dressings, sauces, bakery mixes, crackers, pretzels, crusts, tortillas, pasta, cereals, soups, frying batter

OATS

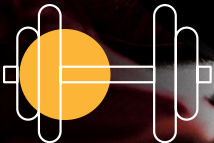
OatPure™ Irish Oats

With <10ppm gluten and an NSF certified gluten-free OatSecure™ closed loop supply chain process, OatPure Irish oats are guaranteed to be gluten free. Processed in a food safe, BRC Grade AA milling and packaging facility. Available in shredded oats, steel cut oats, quick cook oats and jumbo flakes varieties. Shelf life of 18 months.

Bars, muesli & granola products, porridge, breakfast cereals, dry snack mixes, clusters, bakery mixes and products, yoghurt/dairy products

Proteins

Our proteins offer excellent nutritional and functional benefits across wide range of categories including sports nutrition, clinical nutrition, dairy and functional foods. These benefits include enhanced nutritional value, improved texture and shelf life.



DAIRY-BASED PROTEINS

ProTherma®

An agglomerated hydrolysed whey protein designed for use in hot ready-to-mix powdered beverage and food applications. ProTherma protein is heat stable, soluble and high in protein.

Ready-to-mix hot coffees, teas, chocolates, malts, soups, oatmeals, coffee creamers, coffee pods

Provon® WPI

These premium low fat whey protein isolates are derived from sweet dairy whey. Provon WPI is a highly purified and undenatured protein extract, gained by using cross flow filtration. Soluble in a wide pH range, neutral flavor and available instantised.

Nutrition bars, dietetic products, dairy/frozen desserts, nutritional dry mixes

Solmiko® MPI and MPC

Milk protein concentrate (MPC) and milk protein isolate (MPI) are excellent sources of native casein and whey proteins that offer excellent flavour, solubility and heat stability. Solmiko milk proteins are ideally suited for applications where low micro counts, functionality and flavour are critical.

Ready-to-drink beverages, ready-to-mix powders, sports nutrition bars and beverages, fresh dairy products

Thermax® 690 Heat-Stable Whey Proteins

Heat-stable hydrolysed whey protein isolate with 90% protein, designed for UHT and retort processing conditions. Thermax 690 provides improved functionality over traditional hydrolysates.

Ready-to-drink beverages including nutritional, sports/performance, weight management, clinical nutrition

Truly Grass Fed™ Protein

Truly Grass Fed brand gives us access to quality grass fed Whey Proteins and Milk Proteins. The Truly Grass Fed brand carries a promise with a seal that signifies 1. Cows are grazed on grasslands for 250 days a year. 2. Cows receive 95% of their nutritional feed from grass.

Fortified beverages, dietetic products, sports beverages, nutritional dry mixes

PLANT-BASED PROTEINS

HarvestPro® Pea Proteins

HarvestPro™ Pea Protein MF EU & Xtra Smooth EU are exclusive EU-sourced pea protein isolates. Designed as a high quality vegetarian source of protein for easy use in food applications. HarvestPro™ Pea Protein MF EU utilises EasyFlav™ clean flavour technology which ensures a neutral taste profile. HarvestPro™ Pea Protein Xtra Smooth EU is designed for beverages, yoghurts and frozen desserts

Bars, beverages, cereals, clusters, frozen desserts, gluten-free baked goods, ready-to-mix powders, yoghurts

FUNCTIONAL SOLUTIONS

BARS AND HEALTHY SNACKING

BarFlex® Whey Proteins

Whey protein systems designed to minimise bar hardening and extend the shelf life of nutrition bar applications. They give a long-lasting, chewy texture to bars.

Nutrition and food bars, bakery products, confectionery

BarHarvest™ Plant Proteins

Plant protein-based systems designed to deliver protein fortification in emerging plant-based bar, cereal, and snack applications without negatively impacting texture or shelf life. Our EU-sourced solution, BarHarvest™ Pea Protein 801 EU was developed to maintain moistness and soft texture while minimising the dryness, brittleness and hardness over shelf life commonly associated with plant proteins.

Nutrition bars, cereal bars, granola bars, cereal, snacks

BarPro® Milk Proteins

Milk protein systems with enhanced functional characteristics designed to extend the shelf life of nutrition bars and minimise bar hardening.

Nutrition bars, cereal bars, granola bars, bakery products, confectionery

Crunchie™ Milk Protein Crisps

Delivers exceptional texture and a hearty crunch to a product throughout shelf life, creating a delightful eating experience. Clean dairy flavour requiring no masking. Visually appealing with consistent shape, size and light color appearance. Greater than 74% high quality milk protein for an extra protein boost.

Nutrition bars, snacks

READY-TO-DRINK BEVERAGES

BevWise® Protein Systems

Protein fortification ingredient systems for use in various processing. Providing exceptional nutritional attributes and functional benefits to low pH beverages. Benefits include superior clarity, less astringency, improved processing with better dispersion, and reduced processing time/costs.

High-acid ready-to-drink beverages

FUNCTIONAL DAIRY SYSTEMS

OptiSol® 1000 Series

A full range of nutritional and functional dairy protein ingredient systems designed to enhance nutritional profile and high protein content while providing clean label emulsification benefits, or a clean label alternative to phosphate. OptiSol is ideally suited to low fat dairy formulations and greek style yogurts. It provides added benefits of improved flavor and enhanced mouthfeel.

High protein yoghurts, dairy beverages, frozen yoghurts, ice cream, dairy desserts



Custom Nutrient Premixes

We combine the highest quality ingredients to create custom premixes that achieve optimal nutritional, functional and operational performance. We source ingredients from across the globe to ensure continuous inventory and the shortest lead times in the industry. Our collaborative R&D and innovation teams can help develop custom formulas for your specific applications. With production facilities in North America, Europe and Asia, we have the global reach necessary to support international growth and ambitions all over the world.



SUPERIOR SOLUTIONS

Our quality ingredients, international sourcing and global state-of-the-art manufacturing facilities allow us to deliver the superior premix solutions that add support, simplicity, savings and security to your product development.

SUPPORT

Offering Result-Driven Services

- Experienced R&D and innovation team ready to assist in the development of your custom formulation
- Responsive sample, quote and specification turnaround
- Extensive industry market intelligence and experience to assist with product development
- Support from multiple functions including operations and production to ensure our premix is best designed for your manufacturing practices

SIMPLICITY

Increasing Your Efficiencies

- Addition of a single ingredient into your production line
- Maximizing your warehouse space.
- Ability to customize packaging to your requirements
- Production facility accessible during trials
- Smaller volume commitments offered

SAVINGS

Reducing Your Costs

- Reduce expenses associated with sourcing and qualifying several ingredients
- Lower testing costs for one incoming product vs. several
- Lower freight charges for one incoming product vs. several
- Eliminate costs related to holding up production while waiting on material

SECURITY

Reducing Your Risk

- Experienced full-service in-house lab
- Redundant suppliers to ensure material availability and cost competitiveness
- Barcode-based quality controls and fully integrated quality management system

We partner with you to provide the best solutions for your success.

From making better products to improving your logistics to finding new ways to grow, we have the solution.

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