

our ingredients – **your** success in
Beverages





our holistic approach – your competitive edge

Tate & Lyle provides high quality ingredients and solutions to the food and beverage industry worldwide. These add taste, texture, nutrition and functionality to products consumed by millions of people every day.

our offer

- Sweeteners
- Texturants
- Wellness ingredients and solutions

In the dynamic beverages market, consumers are constantly seeking sweet, refreshing and tasty experiences. Increasingly, they are also conscious of nutrition; they look for drinks that will help them reduce their calorie count or sugar load, or increase their fibre intake – without any lessening of taste, mouthfeel or pleasure. We've developed a fully-integrated service that meets the needs of beverage manufacturers, large and small, around the world.

A fine-tuned portfolio

- Our extensive portfolio includes a wide range of nutritive and high-intensity sweeteners, as well as sweeteners from natural sources, matched to the exact needs of beverage manufacturers.
- We also offer speciality starches, stabiliser systems, and wellness ingredients such as soluble fibres, which can help you develop better tasting, nicer looking and healthy option products.

Unmatched knowledge and expertise

- With a history in the industry dating back centuries, sweetening is in our genes. We have a unique expertise in sweeteners and their use in beverages.
- We have over 30 years' experience of working with SPLENDA® Sucralose. In fact, we discovered sucralose – so we know exactly how to make it work for you.
- Our expert team has a background in beverage manufacturing, so we understand your everyday challenges.
- We're constantly extending our knowledge – conducting trials in our labs and pilot plants, improving our scientific understanding of how ingredients behave in applications, and collaborating with customers in product development. And we do our own consumer research, to keep our customers one step ahead.

A strong service ethic

- We can support you at every stage of product development, according to your needs. And our specialists are always happy to speak to yours.
- You have access to our state-of-the-art pilot plant beverage equipment and analytical tools, as well as product-formulating and regulatory support.
- We're never far away from you. Our network of applications centres throughout the world enables us to think global and act local: we can rapidly adapt any formulation to local needs.



Choose Tate & Lyle for
your beverages – and
taste the difference.

we help **you** to ...

Get to market faster and stand out from the crowd, by

- Creating new beverage concepts with new flavours, new taste profiles, new benefits
- Making nutrition claims such as 'with no added sugars' and 'source of fibre', while retaining the great taste your consumers love
- Using nutritive or high-intensity sweeteners, sweeteners from natural origin, texturants and fibres that make products taste great.

Enhance consumers' experience of your products, by

- Reducing sugar levels, while keeping the same body and mouthfeel as your full-sugar beverages
- Improving the overall taste experience of your drinks. Our solutions enable you to optimise the flavour profile, mask aftertastes and bitterness; improve sweetness; modify mouthfeel, viscosity and roundness... and much more.

Manage cost challenges, by

- Saving costs on sweeteners and reducing the cost-in-use of ingredients in recipes
- Making our world-class resources, innovation and testing capability work for your business – whatever your size and location.

We are passionate about
beverages and never
compromise on taste.



Two thirds of European consumers think products often contain too much sugar.

Source: Illuminas – Tate & Lyle Sweeteners Research 2010.

your challenges

Your consumers demand more. More fun. More functionality. Great taste. Better nutrition. Our beverage solutions deliver all this – and more.

Carbonated soft drinks

Add fizz to your portfolio

Carbonated soft drinks have broad appeal throughout the world. But different consumers have different demands: for pure indulgence or a guilt-free treat. Whatever their profile, we'll give your products that extra sparkle that makes them stand out from the crowd.

Juice drinks

Squeeze more from your products

Consumers are looking for juice drinks with reduced sugars and calories, and increased vitamin and fibre content. Competition in this market centres around the health and purity claims of juices, versus the convenience and economy of fruit-flavoured still drinks. Wherever you're positioned, we'll sharpen your competitive edge.

Flavoured waters and teas

Great tastes, great benefits

Flavoured waters and teas help consumers maintain healthy levels of hydration while giving a little lift to the day. Increasingly, consumers are looking for lower-sugar options and 'natural' claims.

Powdered soft drinks and dilutables

Practical answers to everyday needs

These clever little drinks offer economy, convenience and variety to value-conscious consumers. And Tate & Lyle's advanced formulations offer you innovation, great quality and ease of manufacturing.

Coffee and cocoa drinks

Keep a buzz around your beverages

There'll never be a shortage of coffee and cocoa lovers around the world – and we know how to tempt them with high quality

new and traditional drinks. Use our know-how to stay ahead of the curve in this ultra-competitive market.

Sports drinks

The science of winning

A clued-up, health-conscious consumer market is keeping manufacturers on their toes. The latest buzz is around hypotonic products, which replace lost fluids without adding carbohydrate. Managing osmolality, providing energy or helping control glycaemic response: our know-how will enable you to make the functional claims that consumers demand.

Energy and alcoholic drinks

Expertise on tap

Energy and alcoholic drinks manufacturers compete in a dynamic market, characterised by increasing demand for functionality and reduced-calorie options. Our products and know-how will give your products that vital distinctive edge.

Dairy drinks and shakes

New ideas for old favourites

Dairy: even the name conjures up fond memories of home, comfort and goodness. We can help you build on those values while appealing to modern consumer tastes, convenience needs and health goals.



Only 2 out of 10 consumers would compromise on taste for a healthy option

Source: Harris Interactive – Tate & Lyle Ingredients Perception Study 2009.

- Sweetness & Taste
- Texture & Mouthfeel
- Health & Wellness



our solutions

Innovation

Let's make new, innovative and distinctive products together, and create a buzz around your brands

Our CREATE™ formulation service helps you design beverages with exciting new tastes and textures. We work alongside you in all key product development phases. We act as your creative ideas lab, where you can discuss market trends, preview the latest technical innovations and be inspired by our own product concepts.

Sugar and calorie reduction

Meet consumer demand for beverages with fewer sugars and calories, without compromising their taste or mouthfeel

Our sweeteners offer a great-tasting way to replace sugars. We can REBALANCE™ sugars and calories using SPLENDA® Sucralose, FRUCTOPURE® Fructose, TASTEVA™ Stevia Sweetener or combinations of these and/or other sweeteners to leverage sweetness synergies. We can compensate for loss of body caused by reducing or removing sugar by using STA-LITE® Polydextrose or PROMITOR™ Soluble Gluco Fibre.

No added sugar or sugar free

Give your customers great-tasting diet options, with a high quality, well-rounded sweetness

Our sweetener and REBALANCE™ application experts know how to create the best-tasting high-sweetness diet drinks using SPLENDA® Sucralose. With its well-rounded sweetness, SPLENDA® Sucralose can completely replace sugars. What's more, formulating with STA-LITE® Polydextrose brings the mouthfeel close to that of a full-

sugar product, while custom-designed HAMULSION® Stabiliser Systems can give your diet drink recipe the finishing touch.

Natural Sweetening

Make a difference with sweetener from a natural source that provides great quality sweetness.

With TASTEVA™ Stevia Sweetener, a great tasting sweetener that provides zero-calorie sweetness in use, you can reduce sugar levels in your drink by 50%. We also help you improve the overall quality of drinks sweetened with natural high intensity sweeteners, for example with ingredients that enhance mouthfeel.

Fibre enrichment

Give your products the fibre boost consumers are looking for, without adversely affecting texture or appeal. Achieve 'source of' or 'high in' fibre claims with PROMITOR™ Soluble Gluco Fibre or STA-LITE® Polydextrose, fibres with beneficial physiological effects. They're easily soluble, acid-stable, and do not add unwanted flavours or colours to beverages. Ask for our ENRICH™ application support.

Cost optimisation

Manage cost challenges without changing the mouthfeel, sweetness or quality of your drink

Our OPTIMIZE™ application experts create great solutions for reducing the cost of sweeteners up to 40%, by partially replacing sugar with SPLENDA® Sucralose for a high quality sweetness, FRUCTOPURE® Fructose for a boosted fruitiness, or a combination of both.

The drink retains its original taste, you save costs on the recipe – and your consumers enjoy a lower calorie option.

Texture

Make your drink stand out from the crowd with custom-designed textures. Our expertise in hydrocolloid functionalities enables us to meet the most demanding technical challenges. We customise HAMULSION® Stabiliser Systems and use them alone or in combination with STA-LITE® Polydextrose to enhance the texture of drinks, suspend fruit pulp, give the right mouthfeel or restore loss of body.





our ingredients – your success

You'd be surprised how many of our products are used on an average day. They're formulated into hundreds of solutions, that appear in thousands of final products, enjoyed by millions of consumers around the world.

our high-intensity and nutritive sweeteners help make your products tastier

Combining our sweeteners and leading-edge sweetening know-how, we deliver sweetening solutions for any kind of sweet drink your customers might want.

Some of our brands for beverages:

- SPLENDA® Sucralose – leading no-calorie sweetener, unmatched in its sugar-like sweetness, flavour and stability
- TASTEVA™ Stevia Sweetener – a great tasting sweetener from a natural source that provides zero-calorie sweetness in use
- FRUCTOPURE® Fructose – the sweetest nutritive sweetener, enhances fruity flavours and creates sweetness synergies
- MALTOSWEET™ Maltodextrins and Dry Glucose Syrups – give drinks just the right level of sweetness, solubility and osmolality, and provide easily assimilated energy for infant formulae and therapeutic milks
- ISOSUGAR® High Fructose Corn Syrups – essentials for sweetness, stability and safety
- GLUCAMYL™ Glucose Syrups – a wide range of syrups with a variety of sweetness, flavour and viscosity profiles
- MERISWEET™ Crystalline Dextrose – a sweet energy source with excellent fermentability and a great choice for powdered drinks

our starches, stabilisers and fibres create and preserve your texture

No-one understands texture and mouthfeel like Tate & Lyle. We will work with you to create the texturant solutions for your drink, drawing from a vast range of raw materials.

Some of our brands for beverages:

- RESISTAMYL™ and CREAMIZ™ Cook-Up Starches – enhance the texture and creaminess of dairy drinks
- STA-LITE® Polydextrose and PROMITOR™ Soluble Gluco Fibre – create mouthfeel while keeping calorie count down
- HAMULSION® Stabiliser Systems – customised and unique stabiliser systems, for products that need more than off-the-shelf ingredients

our fibres help you make your products healthier

Our dietary fibres' clean taste, stability, functional versatility and low cost-in-use make it easy to develop successful new wellness solutions for light or health-plus versions of your soft drinks, yogurt drinks, instant drinks, juice drinks, flavoured waters and more.

Our brands for beverages:

- STA-LITE® Polydextrose – with its low caloric value – only 1 kcal/gram – and low glycaemic response, this fibre is ideal for the weight-conscious
- PROMITOR™ Soluble Gluco Fibre – a consumer-friendly, well tolerated soluble fibre with attractive label options to appeal to a broad consumer audience



your partner, at **your** service

**Our mindset is one of constant inquiry and the drive to make our customers' businesses even better.
Our investment in R&D and technical expertise is focused on meeting your needs, now and in the future.**

So we don't just develop world-class ingredients and solutions. We work alongside you, from design through development and manufacturing, to ensure that your innovations are both effective and cost-effective.

Our technical expertise, with a global network of research labs, application labs and pilot plants, is right where you need it – close to home. Use us to help you stay ahead in your market, and meet consumer trends in your part of the world. Together, we can develop the winning products of tomorrow.



Find out more

For information about our products
and services contact the team at
yourdrinksolutions@tateandlyle.com