






Tate & Lyle manufactures a wide range of highly functional modified starches

FUNCTIONALITY	STARCH TYPE	TATE & LYLE STARCH SOLUTION				BENEFITS
		Cook-Up		Instant		
Thickening	Thickening Gelling	CLARIA® Elite* CLARIA EVERLAST® 575, 585* REZISTA® Max 5857, 5767	REZISTA® 375, 386 RESISTAMYL® 342, 343, 345, 347, 348, 349 MAXI-GEL® 617 NUSTAR® 140 THIN-N-THIK® 99	CLARIA® Instant 360, 363* MERIGEL® 341, 342 MIRA-GEL® 463*	MIRA-THIK® 468, 603 TENDER-JEL® 387	Retains texture under high acid, heat and shear conditions. e.g. Barbeque sauce and other sauces, spoonable salad dressings, retorted and aseptic soups
Creamy texture	Thickening Gelling	CLARIA® Elite* CLARIA EVERLAST® 585*	CLARIA® Plus* DRESS'N 400 TENDERFIL® 428	CLARIA® Instant 360, 363* MIRA-SPERSE® 623	MIRA-THIK® 468, 603 TENDER-JEL® 387	Select starches offer delayed hydration and thickening rates helping to avoid emulsion breakage during processing. e.g. Spoonable salad dressings
Improved firmness	Thickening Gelling	CLARIA® Elite* CLARIA EVERLAST® 585*		CLARIA TOP-GEL®** MERIGEL® 341, 342 MIRA-GEL® 463*	MIRA-THIK® 603, 468 SOFT-SET® TENDER-JEL® 387	Aids to create short, spoonable texture. e.g. Mayonnaise type dressings
Emulsification	Emulsifying	STA-MIST® 365, 7415		MIRA-MIST® 662	STA-CAP® 660	Replaces emulsifiers or eggs. e.g. Mayonnaise
Instant or rapid preparation	Thickening			MERIGEL® 341, 342, 347	MIRA-SPERSE® 623, 626, 629	Offers ease of dispersion, high viscosity, and no-heat preparation. e.g. Instant or dry mix soups and sauces
Surface gloss	Thickening	FREEZIST® M TENDERFIL® 428		MIRA-THIK® 468, 603 MIRA-SPERSE® 623		Excellent process tolerance and improved shine on finished product. e.g. Mayonnaise type dressings, pourable dressings
Fat/sugar reduction	Gelling Emulsifying Thickening	CREAMIZ® MAXI-GEL® 617 STA-SLIM® 143 STA-SLIM® 151		STA-SLIM® 142 STA-SLIM® 150 MIRA-MIST® 662		Provides creamy texture and mouthfeel to low fat/sugar formulations. e.g. Cream soups and sauces; reduced sugar sweet sauces
Pulp extender	Thickening			PULPIZ®	REDI-TEX®	Cost reduction while maintaining pulp texture. e.g. Tomato based sauces
Filling aid	Thickening Bulking	MERIZET® 300* SHUR-FIL® 427, 677, 693 Waxy #1*		MIRA-CLEER® 787		Suspends particulates and offers low residual viscosity. e.g. Canned vegetable soup, chicken noodle soup
Processing advantage	Thickening	THIN-N-THIK® 99 RESISTAMYL® 368 REZISTA® 682				Offers "thin to thick" viscosity development for improved heat transfer during retort processing, reducing processing time and energy. e.g. Retorted soups and sauces

Starch source: CORN (MAIZE) | TAPIOCA | POTATO

*Labels simply as corn, tapioca or potato starch

Unlock great tasting, sugar reduced products with our sweetener toolbox

 <p>Full Range of Stevia Extracts</p> <ul style="list-style-type: none"> Range of high purity stevia sweeteners and blends Our stevia sweeteners start with stevia leaf extract Low to high/very high sugar replacement levels 	 <p>Natural Zero Calorie</p> <ul style="list-style-type: none"> Versatile, calorie-free sweetener that blends well with other sweeteners Around 200 times sweeter than sucrose pH stable at low and neutral conditions and heat stable 	 <p>Zero Calorie</p> <ul style="list-style-type: none"> 600 times sweeter than sucrose Sugar-like taste Maintain sweetness through a variety of food processing conditions, pH, and long shelf life 	 <p>Functionality and Flavor Enhancement</p> <ul style="list-style-type: none"> Fast sweetness onset with a clean finish Sweetness index of 117 compared to sucrose at 100 Low glycemic response Non-GM version available 	 <p>0.4 kcal/g and Taste Like Sugar</p> <ul style="list-style-type: none"> Non-artificial Crystalline and liquid forms, as well as Non-GM Delivers bulk and mouthfeel
--	---	--	--	--

Tate & Lyle offers an extensive portfolio of ingredients and solutions to ensure your needs are met, no matter how you define clean label

Clean Label Functional Starches



Natural Sweeteners



HFCS Replacement

**DOLCIA PRIMA®
Mixed Sugar Syrup**

Non-GM

Tate & Lyle has over 100 Non-GM ingredients available, including corn and tapioca based texturants, for the North American market