

## KRYSTAR® 300 Crystalline Fructose

1510010490400, 1510010430422, 1510010424520, 1510010415021,  
1510010412320, 1510010410424, 15100104

**Product Description :** Sweetener

**Appearance:** Crystalline

**Color:** White

**Odor:** None

**Solubility Statement:** Soluble in water

### Quality Inspection Plan (Official Specification Values)

Parameter	Target	Range/ Attribute	Unit	Method
MOISTURE		<= 0.05	%	Moisture - TN46040
DENSITY		0.80 - 0.88	g/cm3	Bulk Density - TN24550
SCREEN ON US#20		<= 0.30	%	Screen Size - TN69400
SCREEN ON US#30		<= 1.00	%	Screen Size - TN69400
SCREEN ON US#40		<= 20.00	%	Screen Size - TN69400
SCREEN ON US#60		45.00 - 75.00	%	Screen Size - TN69400
SCREEN THRU US#100		<= 8.00	%	Screen Size - TN69400
COLOR, RBU		<= 30.0	RBU	Color - TN22720
DEXTROSE		<= 0.50	%	Saccharide Distribution - TN67395
FRUCTOSE		>= 99.50	%	Saccharide Distribution - TN67395
ODOR		Pass		Odor - TN52550
FLAVOR		Pass		Flavor - TN31050
BACTERIA TOTAL		<= 200	CFU/g	Total Plate Count - TN10560
OSMOPHILIC MOLD		<= 10	CFU/g	Osmophilic Mold & Yeast - TN10525
OSMOPHILIC YEAST		<= 10	CFU/g	Osmophilic Mold & Yeast - TN10525
SO2		<= 9.0	ppm	Sulfur Dioxide - TN80055
HMF		<= 50.0	ppm	HMF - TN39948
ASH		<= 0.025	%	Ash - TN09580
CHLORIDE		<= 180.0	ppm	Chloride - TN19005
ARSENIC		<= 1.0	ppm	ARSENIC - TN09026

SULFATE		<= 250.0	ppm	Sulfate - TN79300
HEAVY METALS		<= 5.0	ppm	Heavy Metals - TN38540
LEAD		<= 0.10	ppm	Lead - TN44290

## Product Composition / Labeling

Fructose

### Regulatory Status

Compliance Statement: 

- Complies with FDA regulation 21CFR182.1 as Fructose - Generally recognized as safe.

21 CFR References: 21CFR 182.1

### Country of Origin

Country of Manufacture: United States

### Kosher Status

Certified Kosher: Yes

Certified Kosher for Passover: No

The above-mentioned ingredient or its components is certified Kosher by:

- Orthodox Union (OU)

### Halal Status

Certified Halal: Yes

### Vegetarian Status

Vegetarian: Suitable

Vegan: Suitable

Ovo-Vegetarian: Suitable

Lacto-Vegetarian: Suitable

Lacto-Ovo-Vegetarian: Suitable

### Presence of Allergens

If present in this Tate & Lyle ingredient, allergens will be denoted as "Present" in the table below.

Allergen	Status
Crustacean Shellfish	Absent
Mollusk/Mollusc	Absent

Fish	Absent
Egg	Absent
Milk (including Lactose)	Absent
Peanut	Absent
Soybean	Absent
Gluten containing grains: Wheat, rye, barley, oats, spelt, kamut, triticale, and products thereof	Absent
Seeds, Sesame	Absent
Celery/Celeriac	Absent
Mustard	Absent
Lupin/Lupine	Absent
Tree Nuts, Almond	Absent
Tree Nuts, Brazil	Absent
Tree Nuts, Cashew	Absent
Tree Nuts, Chestnut	Absent
Tree Nuts, Coconut	Absent
Tree Nuts, Hazelnut/Filbert	Absent
Tree Nuts, Hickory	Absent
Tree Nuts, Macadamia/Queensland/Bush Nut	Absent
Tree Nuts, Pecan	Absent
Tree Nuts, Pine/Pinon	Absent
Tree Nuts, Pistachio	Absent
Tree Nuts, Walnut	Absent
Buckwheat	Absent
Bee Pollen/Propolis	Absent
Royal Jelly	Absent
Pork	Absent
Peach	Absent
Tomato	Absent
Sulphur Dioxide and Sulphite > 10 ppm (mg/kg)	Absent

This allergen declaration complies with pertinent regulations in countries where this product is manufactured and sold. It pertains to the listed allergen and products thereof, except as allowed by applicable local regulations. Consult with your company regulatory experts regarding allowed exceptions.

**Additional allergen information:**

- The above-mentioned ingredient does not originate from substances having allergenic properties for which labeling is required as defined in the Food Allergen Labeling and Consumer Protection Act of 2004 (Public Law 108-282, Title II). Specific allergens listed in this Act are milk, eggs, fish (e.g., bass, flounder, cod), Crustacean shellfish (e.g., crab, lobster, shrimp), tree nuts (e.g., almonds, walnuts, pecans), peanuts, wheat, and soybeans.

**GMO Status**

The above-mentioned ingredient is not considered Non-GMO

For additional information regarding the GM status of the above-mentioned ingredient, please refer to the Product Information Sheet.

## Storage Conditions

Container	Storage Temperature	Storage conditions to achieve maximum shelf life
Multiwall Bag, Bulk Bag, Bulk	< 25 °C	Optimum storage conditions for KRYSTAR are 25°C (77°F) or lower, and less than 50% relative humidity. Crystalline fructose begins to absorb moisture at 56% relative humidity and room temperature. Unopened bags are designed to protect KRYSTAR under optimum warehouse conditions up to 18 months. Crystalline Fructose is a very stable molecule however temperature and humidity should be controlled to avoid potential lumping. These lumps are usually pliable and are easily broken by massaging the bags prior to opening or passing the crystalline fructose thru de-lumping machinery. For further information please reference the Tate & Lyle “Krystar Crystalline Fructose Storage and Handling” technical bulletin.

## Shelf Life

Package	Shelf Life	Sulfur Dioxide and Sulfite Level
Multiwall Bag, Bulk Bag, Bulk	540 Days	< 10 ppm

## Organic Statement

Certified for Organic Labeling: No

For more information please consult the Product Information Sheet for KRYSTAR® 300 Crystalline Fructose

## Nutritional Information

Nutritional Information	Nutrients Per 100 Grams
Calories	400 kcal
Total Fat	0 g
Saturated Fat	0 g
Trans Fat	0 g
Cholesterol	0 mg
Sodium	1.0 mg
Total Carbohydrate	100.0 g
Dietary Fiber	0 g
Total Sugars	100.0 g
Protein	0 g
Vitamin D	0 µg (0 IU)
Calcium	0 mg
Iron	0 mg
Potassium	0 mg
Moisture	0 g
Ash	0 g

United States Format

Note: A value of 0 means this product is not a significant source of this nutrient.

## Supplier Information

Name: Tate & Lyle  
Address: 2200 E Eldorado  
Decatur, IL 62525  
USA

## Disclaimer

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