

## Tate & Lyle Citric Acid - Fine

2800000112352, 2800000124620, 2800000115021, 2800000125320,  
2800000124520, 2800000123820, 2800000122920, 2800000112320,  
2800000121819, 2800000110423, 28000001

**Appearance:** Crystalline

**Color:** White

**Odor:** Possible slight maple lactone

**Solubility Statement:** Soluble in water

### Quality Inspection Plan (Official Specification Values)

Parameter	Target	Range/ Attribute	Unit	Method
WATER		<= 0.50	%	Moisture - TN20700
ASSAY		99.50 - 100.50	%	Citric - TN20565
IDENTITY		Pass		Citric Identity - TN20640
APPEARANCE		Pass		Appearance - TN20550
WATER INSOLUBLES		Pass		Insolubles - TN20943
CLARITY OF SOLUTION		<= 3	NTU	Turbidity - TN20932
COLOR OF SOLUTION		Pass		Color - TN20598
TASTE		Complies		Sensory Evaluation - TN20922
ODOR		Complies		Odor - TN20882
RESIDUE ON IGNIT		<= 0.05	%	Sulfated Ash - TN20910
HEAVY METALS		<= 5.00	ppm	Heavy Metals as Lead - TN20630
LEAD, FCC		<= 0.5	ppm	Lead by AA - TN20680
ARSENIC		<= 1.00	ppm	Arsenic - TN20560
ORGANIC VOLATILE IMPURITIES		Complies		OVI - TN20730
LIMIT OF OXALIC ACID		<= 100.00	ppm	Oxalate - TN20740
RED CARB SUB		Pass		Readily Carbonizable Substances- TN20875
TRIDODECYLAM		<= 100.0	ppb	Tridodecylamine - TN20880
SULFATE		<= 150.00	ppm	Sulfate - TN20905
ON US#30 (600µm)		<= 1.00	%	Particle Size - Gradex TN20745G

THRU US#100 (150µm)		<= 5.00	%	Particle Size - Gradex TN20745G
---------------------	--	---------	---	------------------------------------

## Product Composition / Labeling

Citric Acid

## Regulatory Status

Compliance Statement:

- Complies with FDA Regulation 21CFR.184.1033
- Citric Acid, Anhydrous is produced to meet the specifications of the European Food Additive, European Pharmacopoeia, US Pharmacopoeia, Food Chemicals Codex, Japanese Pharmacopoeia, British Pharmacopoeia, Brazilian Pharmacopoeia, and Farmacopea de los Estados Unidos Mexicanos.
- Test methods are listed in the current E-330, EP, USP, FCC, JP, BP, FB, and FEUM.

21 CFR References: 21CFR184.1033

Food Additives Number: E330

## Country of Origin

Country of Manufacture: United States

## Kosher Status

Certified Kosher: Yes

Certified Kosher for Passover: Yes

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

- Orthodox Union (OU)

## Halal Status

Certified Halal: No

## 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/Celery	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:

- Although all reasonable care has been taken in managing allergen risk, the above statement should not be considered as a guarantee or claim of "free of...".
- 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

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
Bag, Super Sack	< 30 °C	

## Shelf Life

Package	Shelf Life	Sulfur Dioxide and Sulfite Level
Bag, Super Sack	1,825 Days	

## Organic Statement

Certified for Organic Labeling: No

For more information please consult the Product Information Sheet for Tate & Lyle Citric Acid - Fine

## Nutritional Information

Nutritional Information	Nutrients Per 100 Grams
Calories	247 kcal
Total Fat	0 g
Saturated Fat	0 g
Trans Fat	0 g
Cholesterol	0 mg
Sodium	0 mg
Total Carbohydrate	0 g
Dietary Fiber	0 g
Total Sugars	0 g
Protein	0 g
Vitamin D	0 µg (0 IU)
Calcium	0 mg
Iron	0 mg
Potassium	0 mg
Moisture	0.5 g
Ash	0 g

#### United States Format

Organic acids are not nutrients, however, they provide a small amount of energy (calories) when metabolized by the human body. Energy estimations are based on heat of combustion data (bomb calorimetry).

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  
Main Phone: 1-217-423-4411  
Main Fax: 1-217-421-2628  
E-mail: orders@tateandlyle.com

## Disclaimer

THIS INFORMATION IS PROVIDED IN GOOD FAITH AND IS BELIEVED TO BE ACCURATE, BUT IS INTENDED FOR INFORMATIONAL PURPOSES ONLY AND NOT AS A RECOMMENDATION OR ENDORSEMENT. PRODUCT NAMES ARE NOT NECESSARILY DESCRIPTIVE OR INDICATIVE OF COMPOSITION OR FUNCTION. TATE & LYLE CANNOT ANTICIPATE OR CONTROL HOW THIS INFORMATION COULD BE USED. THEREFORE, YOU SHOULD NOT RELY ON IT FOR ANY LEGAL POSITION OR REGULATORY ASPECT, BUT YOU SHOULD CONDUCT INDEPENDENT INQUIRY, RESEARCH, AND TESTING BEFORE USING THE INFORMATION, INCLUDING, WITHOUT LIMITATION, THE DESIGNATION OF PRODUCT CLAIMS. TATE & LYLE DISCLAIMS ALL LIABILITY FOR ANY LOSS OR DAMAGE, TO THE FULLEST EXTENT PERMITTED BY LAW, INCLUDING LOSSES OR DAMAGES CAUSED BY CLAIMS OF INTELLECTUAL PROPERTY INFRINGEMENT. ALL WARRANTIES ARE HEREBY DISCLAIMED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND OF MERCHANTABILITY. THIS INFORMATION IS CONFIDENTIAL AND DISCLOSURE OR DISTRIBUTION IS PROHIBITED.