

Citric Acid

01 / IDENTITY AND CHARACTERISTICS

Product code	SPAC
Available formats	SPAC200 · 200 g · stand up SPAC500GR · 500 g · stand up SPAC1K · 1 kg · pouch SPAC5K · 5 kg · Pouch SPAC25K · 25 kg · Sack
Origin	Belgium
Country of packaging	Italy

The product

Monohydrate citric acid is a crystalline solid intended for industrial and professional use in multiple sectors (chemicals, detergents, water treatment, food industry, cosmetics, paper, textiles, medical devices, coatings, construction).

Ingredients

100% Citric acid monohydrate (E330)

Use

Use and dosage	Preserves and jams: 1-2% of total weight; Beverages and cocktails: 0,5-2% of total weight; Sweets: 1% to add acidity without overpowering the flavor.
Warnings	Causes serious eye irritation. May irritate respiratory tract. Avoid dust formation. Handle with protective equipment. Dust may form, with air, an explosive mixture.

Storage and packaging

Shelf life	36 months from production date in intact, unopened original packaging.
Storage conditions	Keep the container tightly closed in a dry, well-ventilated place, away from food, feed, beverages and incompatible materials.

Packaging materials	bag: LDPE90 label: PAP22
Environmental information	PLASTIC. Check your local regulations. It is declared that the materials used for product packaging comply with European Union regulations and are suitable for direct contact with food. The original declaration of conformity is available upon request.

Declarations

NON-GMO: this product does not contain, is not made from, and is not obtained from genetically modified organisms, in compliance with as provided by EC Regulation 1829/2003 and EC Regulation 1830/2003 and subsequent amendments. Product not hazardous under normal conditions of use.

PESTICIDES AND CONTAMINANTS: compliant with EC Regulation 396/2005 for maximum residue levels (MRLs) of pesticides and EU Regulation 915/2023 for the presence of heavy metals, mycotoxins and process contaminants.

ADDITIVES AND PURITY CRITERIA: The product is a food additive (E330) compliant with the general provisions and marketing requirements set out in EC Regulation 1333/2008 and meets the specific purity criteria established by EU Regulation 231/2012.

GLUTEN-FREE: in accordance with EC Regulation 828/2014, it may be labeled as "Gluten free" as the product may contain accidental gluten contamination up to a maximum of 20 mg/kg.

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02 / VALUES AND SPECIFICATIONS

Nutritional information per 100 g

Parameter	Value
Energy (kJ)	1186
Energy (kcal)	274
Fats (g)	0,0
of which saturates (g)	0,0
Carbohydrates (g)	0,0
of which sugars (g)	0,0
Fiber (g)	0,0
Proteins (g)	0,0
Salt (g)	0

Analyses and specific parameters

Category / parameter	Specification	Unit	Method
Heavy metals Barium	<1	ppm	
Heavy metals Copper	<1	ppm	
Heavy metals Zinc	<1	ppm	
Heavy metals Iron	<1	ppm	
Chemical-physical Calcium	<10	ppm	
Chemical-physical Magnesium	<1	ppm	
Chemical-physical Aluminum	<0.2	ppm	

Category / parameter	Specification	Unit	Method
Heavy metals Cadmium, Chromium, Copper, Lead, Mercury, Zinc, Nickel (sum)	<1	ppm	
Heavy metals Arsenic	<1	ppm	
Heavy metals Lead	<0.5	ppm	
Heavy metals Mercury	<1	ppm	
Chemical-physical Sulfates	<30	ppm	
Chemical-physical Oxalates	<10	ppm	
Chemical-physical Color	98.0-100.0	%	
Chemical-physical Water	8,10-8,70	%H2O	
Chemical-physical Titer calculated based on water content	99.8-100.5	%	
Chemical-physical Sieving on upper sieve no. 20 (850 microns)	0.0-5.0	%	
Chemical-physical Sieving on lower sieve no 100 (150 microns)	0.0-5.0	%	

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03 / ALLERGENS

Allergens and derived products

Three separate pieces of information: presence in the product, presence in the facility, and risk of cross-contamination. “To be checked” does not indicate absence.

Category	In the product	In the facility	Risk of cross contamination
Cereals containing gluten	No	No	No
Crustaceans	No	No	No
Eggs	No	No	No
Fish	No	No	No
Peanuts	No	No	No
Soybeans	No	No	No
Milk (including lactose)	No	Yes	Yes
Nuts	No	No	No
Celery	No	No	No
Mustard	No	No	No
Sesame seeds	No	No	No
Sulphur dioxide and sulphites	No	No	No
Lupin	No	No	No
Molluscs	No	No	No

May contain traces of: MILK as the product is packed in a facility that handles MILK and derivatives

Categories of Annex II to EU Reg. 1169/2011. For cereals and nuts, specify species and any exemptions in the notes. For sulphites, the assessment refers to the applicable threshold expressed as SO₂.

Further information

The information reported in this sheet, while accurate and drafted to the best of our current knowledge, is for information purposes only and releases Gioia Group s.r.l. from any liability regarding improper use of the product in question.