



Citric acid

1. PRODUCT IDENTIFICATION	
Product code and name	003.014.8 Citric acid
Origin	Fermentation
Composition , acc. Directive 88/388/EC – From 20 January 2011 new regulation: Regulation (EC) No Chemical name: Chemical formule: Molecular weight :	Citric acid monohydrate C ₆ H ₈ O ₇ .H ₂ O 210,1387
Legislative information CAS-N°: INTRASTAT CODE: EINECS: Legal declaration:	5949-29-1 291814 201-069-1 E330
2. PRODUCT INFORMATION	
Physical and chemical properties Appearance : Colour: Odour/taste: Assay: Moisture content (K Fisher): Sieve analysis (on 4000 µm/ through 595 µm):	granules Colourless/white / 99,8-100,5 wt% 8,1-8,7 wt% ≤ 5% / ≤ 10%
Microbiological data Total aerobic mesophilic count: Yeasts and moulds: Enterobacteriaceae: <i>E. coli</i> : <i>Salmonella spp.</i> : Coagulase positive <i>Staphylococcus</i> : <i>Pseudomonas aeruginosa</i> : <i>Listeria monocytogenes</i> : Bacterial endotoxins:	≤ 1000 CfU/g ≤ 100 CfU/g ≤ 10 /g Negative in 10 g Negative in 25 g Negative in 10 g Negative in 10 g Negative in 25 g ≤ 0,5 IU/mg
Chemical contaminants , acc. Food EC-Regulation 1881/2006 Heavy metals: As Pb Hg Cu Zn Fe Ba Ca Mg Al	≤ 1 ppm ≤ 1 ppm ≤ 0,5 ppm ≤ 1 ppm ≤ 1 ppm ≤ 1 ppm ≤ 1 ppm ≤ 1 ppm ≤ 10 ppm ≤ 1 ppm ≤ 0,2 ppm



<p>Chemical contaminants acc. Food EC-Regulation 1881/2006 (cont.)</p> <p>Chlorides: Sulphates: Oxalates: Readily carbonizable substances: Related substances: Sulphated ash: Organic volatile impurities: Tridodecylamine: Polycyclic aromatic hydrocarbons:</p>	<p>≤ 5 ppm ≤ 30 ppm ≤ 10 ppm Passes test Passes test Meets USP requirements Meets USP requirements Meets FCC requirements Meets JP requirements</p>
<p>Physical contaminants acc. Food EC-Regulation 1881/2006</p> <p>Filters: Metal detection: Sieves:</p>	<p>yes yes yes</p>
<p>Nutritional values acc. Directive 90/496/EC</p> <p>Energy: Protein: Carbohydrate: Of which: Sugars Polyols Starches Others Fat: Of which: Saturated Mono-unsaturated Poly-unsaturated Trans-fatty acids Cholesterol Organic acid: Water:</p>	<p>951 Kj/100g or 227 kcal/ 100g 0 g/100g 0 g/100g 0 g/100g 0 g/100g 0 g/100g 0 g/100g 0 g/100g 0 g/100g 0 g/100g 0 g/100g 0 g/100g 0 g/100g 0 g/100g 0 mg/100g 92 g/100g 8 g/100g</p>
<p>Minerals</p> <p>Sodium: Calcium: Magnesium: Ferrous: Zinc: Copper: Potassium Others:</p>	<p>< 1 mg/100g ≤ 1 mg/100g ≤ 0,1 mg/100g ≤ 0,1 mg/100g ≤ 0,1 mg/100g ≤ 0,1 mg/100g - /</p>
3. STORAGE CONDITIONS	
<p>Storage conditions</p> <p>Conditioned storage: Storage conditions: Shelf life:</p>	<p>Room temperature (+10°C to + 30°C) In closed original packaging, RH 50%, well-ventilated 36 months after production, under above mentioned conditions</p>



4. FOOD INTOLERANCES			
Allergens			
Barley	No	Lupin and products thereof	No
Beef	No	Milk and milk products (incl. lactose)	No
Cacao	No	Molluscs and products thereof	No
Carrot	No	Mustard and mustard products	No
Celery and celery products	No	Nuts and nuts products (almonds, hazelnuts, walnuts)	No
Cereals containing gluten and products produced with these (wheat, rye, oats, spelt, barley)	No	Peanuts and peanut products	No
Chicken	No	Pork	No
Coriander	No	Sesame and sesame products	No
Crustaceans and shellfish	No	Soybean and soybean products	No
Eggs and egg products	No	Sulphite (E221-E228)	No
Fish and fish products	No	Sulphur dioxide (>10 mg/kg)	No
Glutamate	No		
AZO colours			
Tartrazine (E102)	No	Orange yellow (E110)	No
Azorubine (E122)	No	Amaranth (E123)	No
Cochineal red A (E124)	No	Erythrosine (E127)	No
Red G (E128)	No	Allure red (E129)	No
Patent Blue (E131)	No	Indigotine (E132)	No
Brilliant Black BN (E151)	No	Brown FK (E154)	No
Chocolate brown HT (E155)	No		
Suitable for other diets			
Coeliacs	Yes	Lactose intolerant	Yes
Halal	Yes	Vegans	Yes
Kosher	Yes	Vegetarians	Yes

CITRIC ACID does not contain genetically modified organisms and is not produced using raw materials of a genetically modified origin. At no stage during production does the product come into contact with genetically modified organisms.

CITRIC ACID is falling under the scope of the EC Regulation n° 1829/2003 on genetically modified food and feed and the EC Regulation n° 1830/2003 on the traceability and labeling of genetically modified organisms and the traceability of products derived from them and to modification of Directive 2001/18/EC.

CITRIC ACID is not treated with ionizing radiation (Directive 1999/2/EC and 1999/3/EC).

The product complies with:

The requirements of the European Pharmacopea 2005, USP, JP and FCC

EC Regulation 231/2012/EC on food additives listed in Annexes II and III (see E330 : Citric acid)

EC Regulation n° 466/2001 (and amendments) setting maximum levels for certain contaminants in food stuffs

EC Regulation n° 1831/2003 on additives for use in animal nutrition

EC Directive 2002/32/EC on undesirable substances in animal feed

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Brouwland

Korspelsesteenweg 86 • B-3581 Beverlo - Belgium
 Tel. +32-(0)11-40.14.08 • Fax. +32-(0)11-34.73.59
 sales@brouwland.com • www.brouwland.com