

# PRODUCT SPECIFICATION – FOOD INGREDIENTS

## CITRIC ACID MONOHYDRATE 8-80 (E330) FOOD COFCO CHINA

BRENNTAG N.V.  
BRENNTAG Nederland B.V.



### 1. PRODUCT IDENTIFICATION

Product name	CITRIC ACID MONOHYDRATE 8-80 (E330) FOOD COFCO CHINA		
Product number	11480	Date of issue: 08/10/2013	Replaces: 02/07/2012
Origin	Fermentation		
Manufacturer	Cofco		
Country	China		
Certification manufacturer:	ISO 9001, HACCP		

#### 1.1 Composition

<b>Single ingredient</b>	
Chemical name	Citric acid
Chemical formula	$C_6H_8O_7 \cdot H_2O$
Molecular weight	210,1387

#### 1.2 Legislative information

CAS-N°	77-92-9
INTRASTAT CODE	2918140000
EINECS	201-069-1
Legal declaration	E330

### 2. PRODUCT INFORMATION

	Unit	Specification	Method
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#### 2.1 Physical and Chemical properties

Appearance		Crystals to crystalline powder	
Colour		Colourless to white	
Odour/taste		-	
Assay	%	99,5 – 101,0	
Moisture content	%	7,5 - 8,8	
Identification & Solubility		Passes test	E330
Clarity and colour of solution		Passes test	E330

#### 2.2 Microbiological data

Bacterial endotoxins	I.U./mg	max. 0,5	
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### 2.3 Contaminants (EC-Regulation 1881/2006)

#### 2.3.1 Chemical contaminants

Barium (Ba)		Passes test	
Calcium (Ca)		Passes test	
Iron (Fe)	ppm	max. 50	
Heavy metals (as Pb)	ppm	max. 5	
Chloride (Cl)	ppm	max. 50	
Oxalate	ppm	max. 100	
Sulphated ash	%	max. 0,05	
Sulphate	ppm	max. 150	
Readily carbonisable substances		Passes test	
Aluminium (Al)	ppm	max. 0,2	
Arsenic (As)	ppm	max. 1	
Lead (Pb)	ppm	max. 0,5	
Mercury (Hg)	ppm	max. 1	

#### 2.3.2 Physical contaminants

Foreign body control	Fe < 2,5 mm, Non-Fe < 3,5 mm, Stainless steel < 4,0 mm
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### 2.4 Nutritional Information ( Directive 90/496/EC, amended by 2003/120/EC and 2008/100/EC)

#### 2.4.1 Nutritional Values

Energy	kJ/100g	1256,28	
Energy	kcal/100g	300	
Protein	g/100g	0	
Carbohydrate :	g/100g	0	
Of which Sugars	g/100g	0	
Polyols	g/100g	0	
Starches	g/100g	0	
Others	g/100g	0	
Fat :	g/100g	0	
Of which Saturated	g/100g	0	
Mono-unsaturated	g/100g	0	
Poly-unsaturated	g/100g	0	



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Transfatty acids	g/100g	0	
Cholesterol	mg/100g	0	
Water	g/100g	max. 8,8	
Organic acid	g/100g	100	

### 2.4.2 Minerals

Sodium	mg/100g	-	
Calcium	mg/100g	max. 20	
Zinc	mg/100g	-	
Copper	mg/100g	-	
Ferrous	mg/100g	max. 5	
Others:	mg/100g	-	

## 3. FOOD INTOLERANCES

### 3.1 Allergens (Directives 2000/13/EC, 2003/89/CE 2007/68/EC)

	Y / N	Direct Contamination	Cross-Contamination (Risk)
Barley	N	N	N
Beef	N	N	N
Cacao	N	N	N
Carrot	N	N	N
Celery and celery products	N	N	N
Cereals containing gluten and products produced with these (wheat, rye, oats, spelt, barley)	N	N	N
Chicken	N	N	N
Coriander	N	N	N
Crustaceans and Shellfish	N	N	N
Eggs and egg products	N	N	N
Fish and fish products	N	N	N
Glutamate	N	N	N
Lupin and products thereof	N	N	N
Milk and milk products ( incl. Lactose)	N	N	N
Molluscs and products thereof	N	N	N
Mustard and mustard products	N	N	N
Nuts and nut products (almonds, hazelnuts, walnuts)	N	N	N



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Peanuts and peanut products	N	N	N
Pork	N	N	N
Sesame and sesame products	N	N	N
Soybean and soybean products	N	N	N
Sulphite (E221 - E228)	N	N	N
Sulphur dioxide ( > 10 mg/kg )	N	N	N

### 3.2 Suitability for other diets

Vegetarian	Y
Vegans	Y
Kosher	Y
Halal	Y
Lactose intolerant	Y
Coeliacs	Y

### 3.3 GMO Declaration, acc. Regulations 298/2008/EC and 1830/2003/EC

CITRIC ACID MONOHYDRATE 8-80 (E330) FOOD COFCO CHINA 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 comes into contact with genetically modified organisms.  
 CITRIC ACID MONOHYDRATE 8-80 (E330) FOOD COFCO CHINA 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.

### 3.4 Irradiation, acc. Directive 1999/2/EC and 1999/3/EC

This product was not subject to any kind of irradiation treatment

### 3.5 BSE/TSE Declaration

The used ingredients for CITRIC ACID MONOHYDRATE 8-80 (E330) FOOD COFCO CHINA are not of animal origin. The processing equipment and the packing material which is used to manufacture, pack or fill the products into the packing units do not come into contact with any meat or meat-by product.

### 3.6 Residual Solvents, complies with

For the manufacturing of the product, no solvents are used. This product is in compliance with the Guideline CPMP/ICH/283/95 and chapter <467> of the current edition of the USP-NF for residual solvents.

### 3.7 Regulatory information

#### The product complies with:

BP2003, E330  
 EC Regulation 231/2012/EC on food additives listed in Annexes II and III (CITRIC ACID MONOHYDRATE 8-80 (E330) FOOD COFCO CHINA)  
 EC Regulation n° 1881/2006 setting maximum levels for certain contaminants in foodstuffs

#### The production plant complies with:

EC Regulation n° 852/2004 on hygienic requirements for the manufacturing of raw materials in the food industry



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### 4. PACKAGING

Packaging description	Bags / Bigbags
Packaging net content	8 / 25 / 1000 kg
Different packagings on request	Yes
Paletisation	

### 5. STORAGE CONDITIONS

Storage conditions	Must be kept in a cool, dry and well ventilated environment, in closed original packaging
Shelf life (recommended re-analysis)	36 months after production, under the above mentioned conditions

### 6. DISCLAIMER

The content of the Product Specification Sheet is completed to the best of our knowledge.  
This document does not dismiss the user of his legal obligation with respect to food safety.



<b>COMPANY INFORMATION DISTRIBUTOR</b>		
<b>name</b>	<b>BRENNTAG N.V.</b>	<b>BRENNTAG Nederland B.V.</b>
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fax number	+32 (0)56 77 57 11	+31 (0)78 65 44 919
website	www.brenntag.be	www.brenntag.nl
e-mail	info@brenntag.be	info@brenntag.nl
activities	Distribution and export of chemicals and raw materials	
VAT number	BE0405317567	NL001375945B01
recall procedure available	Yes	
emergency number (24/365)	+32 (0)56 77 69 44	+31 (0)78 6544 944
<b>QUALITY SYSTEMS</b>		
ISO 9001	Yes	Yes
ISO 14001	Yes	Yes
ISO 22000	Yes	Yes
FSSC 22000	Yes	Yes
GMP+ -feed	Yes	Yes
OHSAS18001	-	Yes
ESAD	Yes	Yes
other	-	AEO