CITRIC ACID ANH 12-40M FO

Product code: MS11468 | Date of issue: 12/07/10 | Replaces: 13/06/08

FORMULA : $C_6H_8O_7$ (CAS : 77-92-9 / EINECS : 201-069-1)
Suitable for applications in the food industry.

COMPOSITION

Assay	: 99,5 – 100,5 %
Water	: max. 0,5 %

PHYSICAL PROPERTIES

Visual aspect	:White crystalline powder, colourless crystals or granules
Identification & Solubility	: Passes test
Clarity & Colour of solution	: Passes test
Readily carbonisable substances	: Passes test

CHEMICAL ANALYSIS

Barium	: Passes test		
Calcium	: Passes test		
Iron	: max.	50	ppm
Arsenic	: max.	3	ppm
Heavy metals (as Pb)	: max.	10	ppm
Oxalic acid	: max.	350	ppm
Chloride	: max.	50	ppm
Sulphates ash	: max.	0,05	%
Sulphate	: max.	150	ppm
Organic Volatile Impurities	: Passes test		
Nickel	: max.	1	ppm
Cobalt	: max.	1	ppm
Mercury	: max.	1	ppm
Lead	: max.	1	ppm
Chrome	: max.	1	ppm

MICROBIOLOGICAL ANALYSIS

Total plate count	: max.	1000	cfu/g
Coliform bacteria	: max.	30	cfu/g
Yeasts	: max.	100	cfu/g
Moulds	: max.	100	cfu/g
Samonella spp.	: Absent		
Shigellosis	: Absent		
Staphylococcus aureus	: Absent		

PACKING

Can be obtained in bags (25 kg). Other packages are available on request.

SHELF LIFE/STORAGE CONDITIONS

Store in a cool, dry and well ventilated area. Shelf life: 2 years

SAFETY REGULATION

Complete material safety data sheet available on request.

BRENNTAG

CITRIC ACID ANH 12-40M FO

NUTRITIONAL COMPOSITION (per 100 g)

Energy value	300	kCal	Organic acid	99,5	g
Carbohydrates	0	g	Water	0,5	%
- sugars		g	Barium (Ba)		mg
- polyols		g	Calcium (Ca)		mg
- starches		g	Chlorine (Cl)		mg
Fat	0	g	Phosphorous (P)		mg
- saturated		g	Iron (Fe)		mg
- mono-unsaturated		g	Iodine (J)		mg
- poly-unsaturated		g	Potassium (K)		mg
- cholesterol		mg	Sodium (Na)	0,05	mg
Protein	0	g	Magnesium (Mg)		mg
Fibres	0	g	Zinc (Zn)		mg

ALLERGENS (see ALBA-allergen list) (X = present)
(see also Directive 2000/13/EC, with amendments 2003/89/EC, 2006/142/EC and 2007/68/EC)

Cacao	☐	Eggs	☐
Barley (*)	☐	Glutamate	☐
Gluten	☐	Oat	☐
Kamut	☐	Chicken	☐
Milk protein	☐	Coriander	☐
Lactose	☐	Lupin	☐
Maize	☐	Milk (*)	☐
Mustard	☐	Nuts (oil) (*)	☐
Pulses	☐	Peanuts (oil)	☐
Rye	☐	Beef	☐
Crustaceans and Shellfish	☐	Celery	☐
Sesame (oil, seeds)	☐	Soy (beans, protein, lecithin)	☐
Spelt	☐	Sulphite (> 10 mg SO_2 / kg)	☐
Wheat (*)	☐	Pork	☐
Fish (*)	☐	Molluscs	☐
Carrot	☐	Sulphur dioxide (> 10 mg SO_2 / kg)	☐

(*) Exceptions : see Directive 2007/68/EC

Product suitable for following diets

Vegetarian	yes ☒ / no ☐
Vegan	yes ☒ / no ☐
Halal	yes ☒ / no ☐
Kosher	yes ☒ / no ☐
Celiac disease sensitive	yes ☒ / no ☐
Lactose intolerant	yes ☒ / no ☐

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QUALITY MANAGEMENT SYSTEM

Supplier
Brenntag Nederland BV
Donker Duyvisweg 44
3316BM Dordrecht
www.brenntag.nl

Producer
Several approved producers

Quality management system following:

Supplier	Producer
☒ ISO 9001:2000	☒ ISO 9001:2000
☒ HACCP	☒ HACCP
☒ GMP+ animal feed (PDV)	

REGULATORY INFORMATION

CITRIC ACID ANH 12-40M FO complies with:
- BP2003, E330
- EC Directive 2008/84/EC on food additives other than colors and sweeteners (See E330: Citric acid)
- 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

BSE/TSE-STATEMENT

The used ingredients for CITRIC ACID ANH 12-40M FO 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.

GMO-STATEMENT

CITRIC ACID ANH 12-40M FO 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 ANH 12-40M FO 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.

IONIZATION

CITRIC ACID ANH 12-40M FO is not treated with ionizing radiation (Directive 1999/2/EC and 1999/3/EC).