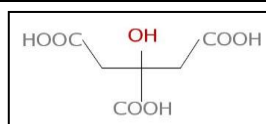


	Dossier technique et réglementaire / <i>Technical and regulatory document</i> ACIDE CITRIQUE MONOHYDRATE CODEX	Avril 2024 / <i>April 2024</i>
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INCI : **Citric acid**
N°CAS : 5949-29-1
N°EINECS/ELINCS : 201-069-1

DESCRIPTION / DESCRIPTION :

Cristaux incolores ou poudre blanche granuleuse, fine, inodore, à saveur acide prononcée / *Colorless crystals or granular white powder, fine, odorless, with pronounced acid taste*

Conforme aux critères de pureté de l'additif alimentaire E330, de la Pharmacopée Européenne, de la British Pharmacopia et de l'USP / *Meets Purity Criteria for E330 Food Additive, European Pharmacopia, British Pharmacopia and USP*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS :

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Teneur / <i>Content</i>	99.5 – 100.5 %	BP / Ph.Eur
Teneur en eau / <i>Water content</i>	≤ 8.8 %	
Métaux lourds / <i>Heavy metals</i>	≤ 5 ppm	
Arsenic / <i>Arsenic</i>	≤ 1 ppm	
Plomb / <i>Lead</i>	≤ 0.5 ppm	
Fer / <i>Iron</i>	≤ 5 ppm	
Baryum / <i>Baryum</i>	Conforme / <i>Compliant</i>	
Calcium / <i>Calcium</i>	≤ 200 ppm	
Aluminium / <i>Aluminium</i>	≤ 0.2 ppm	
Chlorures / <i>Chloride</i>	≤ 50 ppm	
Sulfates / <i>Sulphate</i>	≤ 150 ppm	
Mercure / <i>Mercury</i>	≤ 1 ppm	
Oxalates (acide oxalique) / <i>Oxalate (oxalix acid)</i>	≤ 100 ppm	
Substances facilement carbonisables / <i>Readily</i>	Conforme / <i>Compliant</i>	
Cendres sulfuriques / <i>Sulphuric ashes</i>	≤ 0.05 %	

Ces éléments seront repris sur nos BA / these elements will be on our CoA

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION :

Cobalt / *cobalt*: ≤ 1 ppm

Nickel / *Nickel*: ≤ 1 ppm

Densité relative à 20°C / *Relative density at 20°C* : 1.542 – 1.665

Soluble dans l'eau et dans les alcools / *Soluble in water and alcohols*

APPLICATIONS :

Industrie agro-alimentaire, pharmaceutique, produits de beauté, applications industrielles diverses, détergent, additif alimentaire / *Food industry, pharmaceutical, beauty products, various industrial applications, detergent, food additive*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING :

Poudre en sac de 25 kg / *Powder in bag of 25 kg*

A stocker dans un endroit avec une humidité relative de 50 % et une température comprise entre 10 et 25 °C pour éviter une perte en eau et une prise en masse du produit / *Store in a place with a relative humidity of 50% and a temperature between 10 and 25 °C to avoid a loss of water and a caking of the product.*

Additives	This product doesn't contain mycotoxins, aflatoxins, nitrates, polyaromatic hydrocarbons (PAH), and benzopyrene
Allergen	Doesn't contain food allergen (Regulation (EU) No 1169/2011 Annex II) Doesn't contain the substances listed annex II and III of the 1223/2009 Regulation and amendment 2023/1545
Animal Testing	Don't test on animals

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BSE - Bovine Spongiform Encephalopathy	BSE are not expected to be present in this product
California Prop 65	This product (CAS: 5949-29-1) is not listed
Carcinogenic, Mutagenic and Reprotoxic (CMR)	This product doesn't contain CMR (regulation 1223/2009 and amendment 2023/1490)
Composition	Citric acid
Cosmetic	This product complies with cosmetic regulation 1223/2009 and its amendments
Cosmos / Ecocert	This product is Cosmos approved
Danger	This product is classified as dangerous according to CLP but not with ADR
Dioxane	This product doesn't contain Dioxin
Ecolabel	Available by asking to your commercial contact
European Pharmacopeia	This product is compliant with the European Pharmacopeia
Food	This product can be used in food (E330)
Genetically Modified Organisms (GMO)	This product is free from GMO according to regulations 1829/2003/CE and 1830/2003/CE and meets the requirements of non-GMO identity preserved supply chain standard
Inventories	Compliant with China IECSC, New Zealand NZIoC, Taiwan TCSI, Philippines PICCS, Australia AICS, Canada DSL
Geographic origin (for plant)	China
Glycol ether	<i>No data available</i>
Halal	<i>No data available</i>
Heavy Metals	Heavy metals are very little and technically unavoidable (≤ 5 ppm): arsenic ≤ 1 ppm, lead ≤ 0.5 ppm, iron ≤ 5 ppm, aluminum ≤ 0.2 ppm, calcium ≤ 0.02 %, mercury ≤ 1 ppm, cobalt ≤ 1 ppm, nickel ≤ 1 ppm
HS code	29181400
Irradiation / ionization	This product is free from irradiation
Kosher	<i>No data available</i>
Latex	<i>No data available</i>
Manufacturing location	China
Microbiological data	Bacterial endotoxins: ≤ 0.5 iu/mg, total viable count: less than 1000/g, Yeast & moulds: less than 100/g, coliforms: absent
Nanomaterials	<i>No data available</i>
Nutritional data	Energy value: 1188 KJ, organic acids: 91 – 92 g, sodium: < 10 ppm
Origin	100% natural (corn + fermentation)
Pesticide	This product is compliant with regulation N° 396/2005 and the following amendments, directive 91/414/CE and its amendments and regulation N° 839/2008 on pesticides
Phthalate	This product is free from phthalates
Preservative	<i>No data available</i>
Process	This product is produced from corn through biological fermentation
REACH	This product is registered 01-2119457026-42
Residual Solvents	This product is free from any residual solvents
RSPO	This product doesn't contain palm oil derivatives – not concerned
Shelf Life before re-check	3 years
Substances of Very High Concern (SVHC)	This product doesn't contain SVHC
Volatiles organic compounds (VOC)	This product doesn't contain VOC

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Ce document annule et remplace tous documents techniques et réglementaires précédents / *This document cancels and replaces all technical and regulatory previous documents.*