Chemische Werke Hommel GmbH & Co. KG

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Specification

Concerning Product:		
Article number	5949291UPEBUL	
Trade name / designation / denomination	Citronensäure Monohydrate, pharma & food	
CAS number	5949-29-1	
Other names / synonyms	Zitronensäure 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, hydrate (1:1) Zitronensäure, Monohydrat	
EC number	611-842-9	
Customs tariff number / CN code / TARIC	29181400	
Molecular weight [g / mol]	192,12	
Formula	C6H8O7	
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Danger 🛵

Causes serious eye damage.

IF IN EYES: Call a POISON CENTER or doctor/physician. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	complies	
Appearance	colorless or white, crystalline powder	
Physical parameter		
Loss on drying	7.5 - 8.8	%
Identity		
Assay	99.5 - 100.5	%
Identification	complies	
Impurities		
Heavy Metals (as Pb)	≤ 10	ppm
Oxalate (as anhydros Oxalic Acid)	≤ 0.01	%
Readily carbonizable substances	A ≤ 0.52; T ≥ 30	%

Sulphated ash	≤ 0.05	%
Sulphates (SO ₄)	≤ 0.015	%
Impurity	Tridodecylamine: ≤ 0.1	ppm
Elemental Impurities		
Aluminium (AI)	≤ 0.2	ppm
Arsenic (As)	≤ 1	ppm
Calcium (Ca)	≤ 0.02	%
Iron (Fe)	≤ 5	ppm
Mercury (Hg)	≤ 1	ppm
Lead (Pb)	≤ 0.5	ppm
Microbiological data		
Bacterial endotoxins	≤ 0.5	CFU/g

Supplemental information:

Released by manufacturer:

2017-11-13

Shelf life:

2 years

Complies with monographie:

BP2012, USP35, FCC8, E330

Regional origin:

CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 25. Sep. 2018

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