



## Specification

Concerning Product:	
Article number	77929VEBL
Trade name / designation / denomination	Citronensäure wasserfrei, Lebensmittel
CAS number	77-92-9
Other names / synonyms	•citric acid;
EC number	201-069-1 201-069-1
Customs tariff number / CN code / TARIC	29181400
Molecular weight [g / mol]	192.13
Formula	C6H8O7
<b>Danger</b>	
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
<b>Organoleptic test</b>		
Appearance of solution	passes test	
<b>Physical parameter</b>		
Acidity/Alkalinity	passes test	
Form	Colourless Translucent crystals or as white , fine crystalline Powder	
Loss on drying	≤ 0,5	%
<b>Identity</b>		
Assay	99,5 – 100,5	%
Identification	passes test	
<b>Impurities</b>		
Residue on ignition	≤ 0,05	%
Heavy Metals (as Pb)	≤ 10	ppm
Oxalate (as anhydros Oxalic Acid)	≤ 100	mg/kg
Readily carbonizable substances	ABS ≤ 0,52	%
Readily carbonizable substances	TRA ≥ 30	%
Sulphates (SO <sub>4</sub> )	≤ 150	ppm
<b>Elemental Impurities</b>		
Aluminium (Al)	≤ 0,2	ppm
Arsenic (As)	≤ 1	mg/kg
Barium (Ba)	passes test	
Barium (Ba)	Test bestanden	
Calcium (Ca)	≤ 200	ppm
Chlorides (Cl)	≤ 50	ppm
Iron (Fe)	≤ 5	ppm
Mercury (Hg)	≤ 1	mg/kg
Lead (Pb)	≤ 0,5	mg/kg
<b>Microbiological data</b>		
Bacterial endotoxins	≤ 0,51	U/mg

### Supplemental information:

**Packing:** 25 kg bags

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 26. Jan. 2022

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