Chemische Werke Hommel GmbH & Co. KG

Im Wirrigen 25
D-45731 Waltrop
Tel.: +49 2309 60699-0
Fax: +49 2309 60699-30
www.hommel-pharma.com
info@hommel-pharma.com

Specification

Concerning Product:	
Article number	77929TLE
Trade name / designation / denomination	Zitronensäure Anhydrat, 30-80 mesh
CAS number	77-92-9
Other names / synonyms	•citric acid;
EC number	201-069-1
Customs tariff number / CN code / TARIC	29181400
Molecular weight [g / mol]	192.13
Formula	C6H8O7
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	passes test	
Physical parameter		
Acidity/Alkalinity	passes test	
Form	Colourless Translucent crystals or as white , fine crystalline Powder	
Loss on drying	≤ 0,5	%
Identity		
Assay	99,5 – 100,5	%
Identification	passes test	
Impurities		
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_4)	≤ 150	ppm

Elemental Impurities		
Aluminium (Al)	≤ 0,2	ppm
Arsenic (As)	≤ 1	mg/kg
Barium (Ba)	passes test	
Calcium (Ca)	≤ 200	ppm
Iron (Fe)	≤ 50	ppm
Mercury (Hg)	≤ 1	mg/kg
Lead (Pb)	≤ 0,5	mg/kg
Microbiological data		
Bacterial endotoxins	≤ 0,51	U/mg

Supplemental information:

Shelf life: 3 years

Note: Further information, if the product is used in feed: The product complies with regulation (EC) No. 1831/2003 on additives for use in animal nutrition. The product is produced by fermentation by Aspergillus niger CGMCC 5751. Identification no. of the feed additive: 1a330 Feed additive category: technological additives (Cat. 1) Functional group: preservatives (a)

Restrictions, if used in feed: Recommended maximum content of the additive in complete feedingstuff with a moisture content of 12%: All animal species: max. 15 000 mg/kg

THE QUALITY OF THE PRODUCT CONFORMS WITH ALL REQUIREMENTS OF BP/EP/USP/FCC/E330/IP/JSFA/FAO/WHO CCFAS Vol.4

Storage conditions: Store in a cool and dry place.

Packing: 25 kg bags

Chemische Werke Hommel GmbH & Co.KG
This document was generated electronically and is valid without signature.
Waltrop, 02. Sep. 2022

We only confirm that we took over the data from our supplier accordingly. Despite careful working, errors in the takeover are not totally excluded. Some or all parts off the document may be translated due to our best knowledge from the original to give a better understanding. If you have any questions about specific details, please call us directly. Unless otherwise marked, these data do not originate from us and have not been tested by us on the correctness. The above information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. We make no warranties, expressed or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of our products for its particular application. The foregoing information does not absolve the buyer of its own tests. Observing existing laws and regulations, is the responsibility of the buyer of our product. Nothing included in this information waives any of our General Terms and Conditions of Sale, which control unless it agrees other in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing our products, are available upon request and are provided in compliance with applicable law. The user should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact us.