



## Spezifikation

Produktbezug:	
Produktnummer	5949291CBF
Handelsname / Bezeichnung	Citronensäure Monohydrate Pulver
CAS Nummer	5949-29-1
Andere Bezeichnungen / Synonyme	•1,2,3-Propanetricarboxylic acid, 2-hydroxy-, hydrate (1:1); •2-hydroxypropane-1,2,3-tricarboxylic acid hydrate; •Citric Acid monohydrate; •Zitronensäuremonohydrat;
EG Nummer	611-842-9
Zolltarifnummer / CN- Code	29181400
Molekulargewicht [g/mol]	192,12
Formel	C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>
<b>Gefahr</b>	
Verursacht schwere Augenschäden. BEI KONTAKT MIT DEN AUGEN: GIFTINFORMATIONSZENTRUM oder Arzt anrufen. Eventuell Vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter ausspülen. Einige Minuten lang behutsam mit Wasser ausspülen.	

Parameter	Spezifikation	Einheit
<b>Sensorische Prüfung</b>		
Aussehen der Lösung	entspricht	
Farbe	farblos bis weiß	
<b>Physikalische Parameter</b>		
Form (Aggregatzustand)	kristallines Pulver	
Trocknungsverlust	7,5 – 8,8	%
<b>Identifikation</b>		
Gehalt	99,5 – 100,5	%
Identifizierung	entspricht	
<b>Verunreinigungen</b>		
Schwermetalle (als Pb)	≤ 10	ppm

Oxalate (als wasserfreie Oxalsäure)	≤ 0,01	%
Leicht carbonisierbare Substanzen	A ≤ 0.52; T ≥ 30	
Sulphatasche	≤ 0,05	%
Sulphat (SO <sub>4</sub> )	≤ 0,015	%
Verunreinigung	Tridodecylamine: ≤ 0,1	ppm
<b>Elementare Verunreinigungen</b>		
Aluminium (Al)	≤ 0,2	ppm
Arsen (As)	≤ 1	ppm
Calcium (Ca)	≤ 0,02	%
Eisen (Fe)	≤ 5	ppm
Quecksilber (Hg)	≤ 1	ppm
Blei (Pb)	≤ 0,5	ppm
<b>Mikrobiologische Daten</b>		
Bakterielle Endotoxine	≤ 0,5	CFU/g

**Zusätzliche Angaben:**

**Freigabe des Herstellers:** 2017-11-13

**Mindesthaltbarkeit:** 2 Jahre

**Entspricht der Monographie:** BP 2012, USP 35, FCC 8, E 330

**regionaler Ursprung:** CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 03. Dec. 2019

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