

**Technical Data sheet****CITRIC ACID 1-HYDRATE gmp**

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**Product Code** :305210 CITRIC ACID 1-HYDRATE gmp**Formula** : $C_6H_8O_7 \cdot H_2O$ **Retest period** : 36 months**Standard Grade** : QP**Rev.:** 04/07/2018**According to monographs** :PH.EUR. 9ED.,USP 41,CNFSS

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**General Information :**

Mol weight	210,14 g/mol
CAS Nr	5949-29-1
EINECS Nr	201-069-1
HS code	29181400

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**Transport :****Specifications :**

Identification A	Passes test	Identification B	Passes test
Identification C	Passes test	Identification D	Passes test
Identification E	Passes test	Assay(Acidim,dried basis)	99,5 - 100,5 %
Assay (Acidim.)	99,5 - 100,5 %	Appearance of solution	Passes test
Sulphated ash	Max. 0,05 %	Oxalic acid	Max. 360,0 ppm
Oxalate (C2O4)	Max. 0,01 %	Sulphate (SO4)	Max. 150,0 ppm
Subs.darkd.by hot H2SO4	Passes test	Water (H2O)	7,5 - 9,0 %
Chloride (Cl)	Max. 0,005 %	Calcium (Ca)	Max. 0,02 %
Lead (Pb)	Max. 0,5 ppm	Arsenic (As)	Max. 1,0 ppm
Bacterial endotoxins	Max. 0,5 IU/mg	Aflatoxina B1	Max. 2,0 ppb
Aflatoxinas B1,B2,G1,G2	Max. 4,0 ppb		

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**Labels : H-319:Causes serious eye irritation. P-305+351:If in eyes: Rinse cautiously with water for several minutes. P-338:Remove contact lenses, if present and easy to do. Continue rinsing.**

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