

**Technical Data sheet**

**CITRIC ACID 1-HYDRATE gmp**

**Product Code** :305210 CITRIC ACID 1-HYDRATE gmp

**Formula** :C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>■H<sub>2</sub>O

**Retest period** : 36 months

**Standard Grade** : QP

**Rev.:** 20/04/2020

**According to monographs** :PH.EUR. 9ED.,USP 43,CNFSS

**General Information :**

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

**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		

**Labels :** H-319:Causes serious eye irritation. P-261:Avoid breathing dust/fume/gas/mist/vapours/spray. P-273:Avoid release to the environment. P-305+P351+P338:Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P-309+311:IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician. P-501:Dispose of contents/container in accordance with local/regional/national/international regulations,

